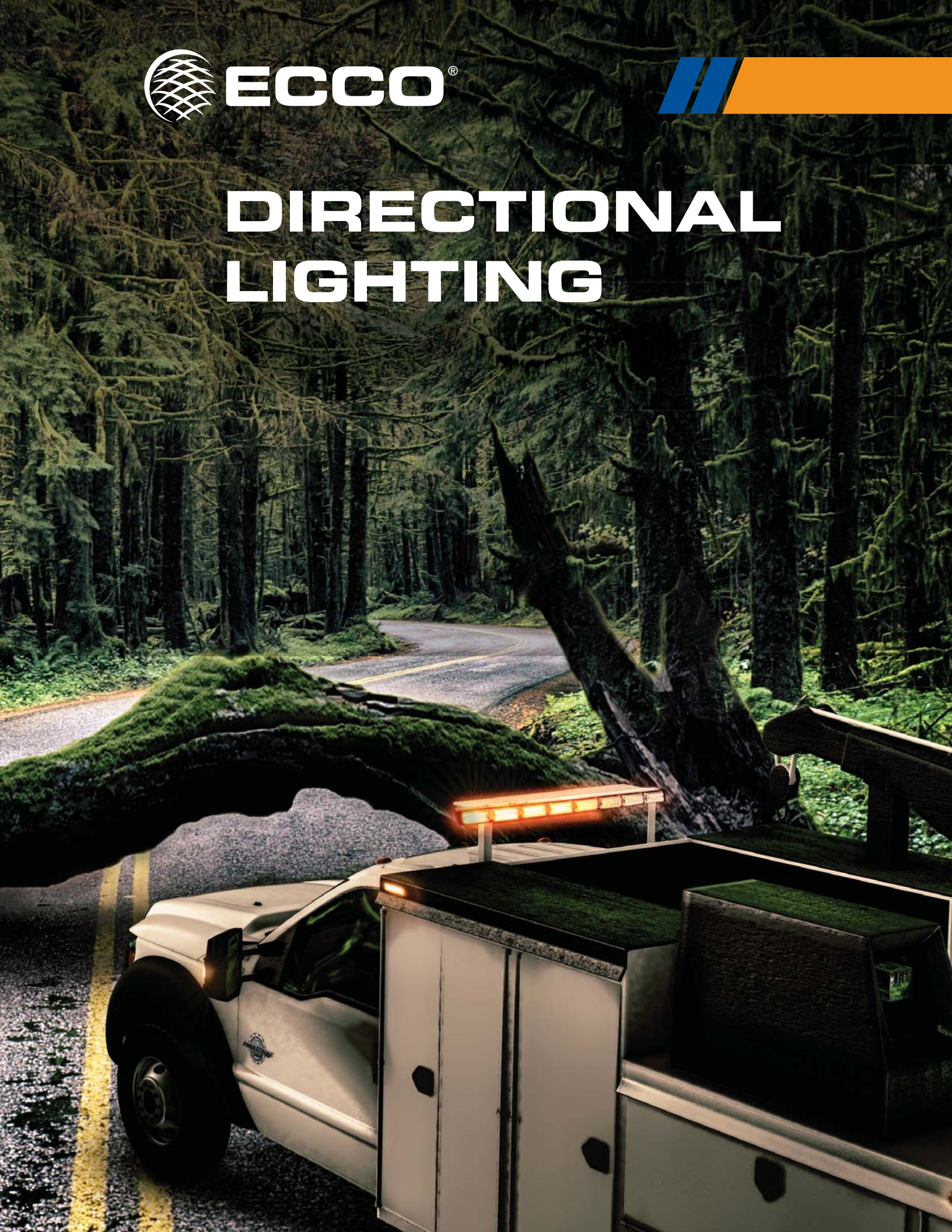


DIRECTIONAL LIGHTING





For 45 years, ECCO Safety Group (ESG) has designed and manufactured some of the world's most effective and innovative visual and audible warning equipment for commercial and public safety vehicles, providing superior protection and enhanced safety both on job sites and out on the road.

Through our primary brands, ECCO and Code 3, ESG serves thousands of OEM and private label, fleet and aftermarket customers in a range of industries. ESG has facilities in the Americas, Europe, Asia and Australia and a portfolio of the most respected brands in the industry. While we have reached global success, at our core we are committed to providing superior protection and enhanced safety to all of our customers.



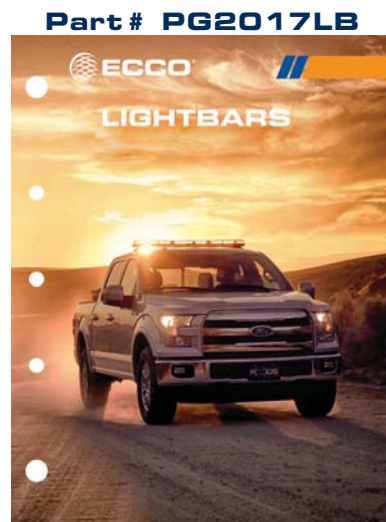


ECCO catalogs

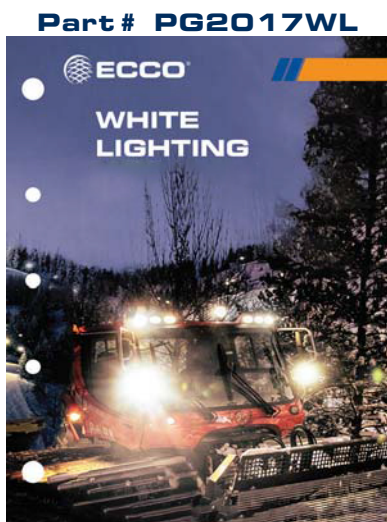
We know that you are busy, and when it comes to your business, efficiency is key. The new ECCO catalog helps you easily identify the products you need to get the job done. For those looking for the complete package, we have product category catalogs available. It's your complete guide to upfitting your work vehicles to ensure an optimal amount of safety.



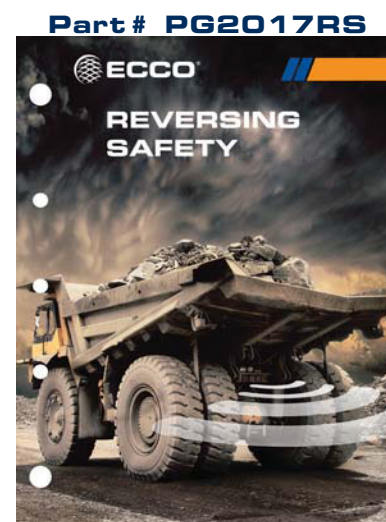
←
BEACONS & MINIBARS



←
Lightbars



←
WORKLAMPS, UTILITY BARS & INTERIOR LIGHTING



←
ALARMS & CAMERA SYSTEMS



contents guide



Directional LEDs



Remote Strobes



Safety Directors



Switches & Controls



Light Source Components



Mounting Hardware



The Dirt Magazine



Part Number Index

symbol guide



Part Number



Color



Type



Volts



Amps



Flashes per minute



Watts



Mounting



Approvals



Warranty



Cable





certifications

Certifications & Standards

SAE Class (I, II & III) Indicates compliance with the relevant section of the Society of Automotive Engineers' general requirements for warning lights. Specific class ratings indicate the intensity of light produced, Class I being most powerful.

California Title 13 Indicates compliance with California vehicle code requirements.

R65 Indicates compliance with European regulations specifically related to vehicle warning lights.

CE Indicates compliance with European regulations specifically related to vehicle warning lights.

R10 Indicates compliance with mandatory European product safety regulations specifically related to electrical products for on-road vehicles (electromagnetic compatibility).

IP Indicates level of environmental protection provided by a product enclosure as defined by the European Committee for Electro Technical Standardization. Ingress Protection (IP) ratings are stated as two numbers, the first number relates to protection from solid materials (1-6), and the second number to protection from liquids (1-8). The higher the number, the greater the protection.

INTRODUCING THE
THREE IN ONE
ED3777

180 DEGREE COVERAGE, MULTIPLE FLASH PATTERNS AND VARIOUS MOUNTING OPTIONS PROVIDE SUPERIOR WARNING CAPABILITY





directional LED

ED3777 **NEW**

SAE Class I
Single- or Dual-Color Multi-Mount



- # ED3777A
- C Amber
- V 12-24
- A 1.8
- X Multi-Mount (surface, tilt bracket, self-adhesive, edge)
- Ⓢ SAE J595 Class I, R10
- Ⓢ 3 Year



- # ED3777AW
- C Amber/White
- V 12-24
- A 3.6
- X Multi-Mount (surface, tilt bracket, self-adhesive, edge)
- Ⓢ SAE J595 Class I, Cal. Title 13, R65, CE, R10, IP67
- Ⓢ 3 Year

DIMENSIONS

1.3 [29] H x 5.1 [130] W x .875 [21] D

AVAILABLE COLORS

Amber, Blue, Green, Red & White



Dual-Color

Single-Color



Tilt bracket / self-adhesive



Edge Mount

180 degree warning lights, with worklight and puddle light combinations

Six LEDs per color

Single- or dual-color options

13 flash patterns

Synchronization capable

4 mounting options (hardware included)



directional LED



Ultra low-profile surface mount

Excellent off-axis light output

Six high-intensity LEDs, single- or split-color options

13 flash patterns

ED3701

SAE Class I

Single- or Split-Color Surface Mount

ED3701A

C Amber

V 12-24

A 0.8

X 2 Bolt

⊙ SAE J595 Class I, Cal. Title 13, R65, R10

⌚ 3 Year

DIMENSIONS

1.2 [32] H x 4.7 [120] W x 0.5 [13] D

AVAILABLE COLORS

Amber, Blue, Clear, Green, Red,
Amber/Blue, Amber/Clear, Amber/Green,
Amber/Red, Blue/Clear, Red/Blue & Red/Clear



Tri-Color

Dual-Color

Ultra low-profile surface mount

Excellent off-axis light output

12 (dual) or 18 (tri) high-intensity LEDs, six of each color

12 flash patterns

Synchronization capable

ED3702

SAE Class I

Dual- or Tri-Color Surface Mount

ED3702AC

C Amber/Clear

V 12-24

A 0.6

X 2 Bolt

⊙ SAE J595 Class I, Cal. Title 13, R65, R10

⌚ 3 Year

DIMENSIONS

1.2 [32] H x 4.7 [120] W x 0.5 [13] D

AVAILABLE COLORS

Amber/Blue, Amber/Clear, Amber/Green, Amber/Red, Blue/Clear,
Red/Blue & Red/Clear
Red/Blue/White, Red/Blue/Amber, Red/Amber/White,
Blue/Amber/White & Amber/Green/White





directional LED

ED3706

SAE Class I
Single- or Split-Color Multi-Mount

- # ED3706A
- C Amber
- V 12-24
- A 0.9
- X Multi-Mount (surface, tilt bracket, self-adhesive, edge)
- ⊗ SAE J595 Class I, Cal. Title 13, R65, R10, IP67
- Ⓢ 3 Year

DIMENSIONS

1.2 [32] H x 5.2 [132] W x 0.8 [21] D

AVAILABLE COLORS

Amber, Blue, Clear, Green, Red,
Amber/Blue, Amber/Clear, Amber/Green, Amber/Red, Red/Blue



Tilt bracket / self-adhesive

Edge Mount

Single- or split-color options

Four mounting options included

Six high-intensity LEDs

13 flash patterns

ED3712

SAE Class I
Dual- or Tri-Color Multi-Mount

- # ED3712AC
- C Amber/Clear
- V 12-24
- A 0.9
- X Multi-Mount (surface, tilt bracket, self-adhesive, edge)
- ⊗ SAE J595 Class I, Cal. Title 13, R65, R10
- Ⓢ 3 Year

DIMENSIONS

1.2 [32] H x 5.2 [132] W x 0.8 [21] D

AVAILABLE COLORS

Amber/Blue, Amber/Clear, Amber/Green, Amber/Red,
Blue/Clear, Red/Blue & Red/Clear
Red/Blue/White, Red/Blue/Amber, Red/Amber/White,
Blue/Amber/White & Amber/Green/White



Tri-Color

Dual-Color



Edge Mount

Tilt bracket / self-adhesive

Four mounting options included

12 (dual) or 18 (tri) high-intensity LEDs, six of each color

12(dual) or 24 (tri) flash patterns

DOUBLE THE WARNING HALF THE HASSLE

ED3766



Separate control of each color

12 (dual) or 18 (tri) high-intensity LEDs, six of each color

12 flash patterns

Synchronization capable

ED3766

SAE Class I

Dual- or Tri-Color Surface Mount

- # ED3766AC
- C Amber / Clear
- V 12-24
- A 0.8
- X 2 Bolt
- ⊗ SAE J595 Class I
- California Title 13, R65, CE, R10, IP67
- 🕒 3 Year

DIMENSIONS

1.1 [27] H x 6.4 [162] W x 1.5 [38] D

AVAILABLE COLORS

Amber/Blue, Amber/Clear, Amber/Green,
Amber/Red & Red/Blue
Red/Blue/White, Red/Blue/Amber, Red/Amber/White,
Blue/Amber/White & Amber/Green/White



MOUNTING

EZ3766L Universal Bracket



directional LED

3510

SAE Class I Surface Mount

- # 3510A
- C Amber
- V 12-24
- A 0.75
- X 2 Bolt
- ⊗ SAE J595 Class I
- California Title 13, CE, R10
- Ⓟ 5 Year

DIMENSIONS

1.5 [37] H x 3.67 [93] W x 0.5 [12] D

AVAILABLE COLORS

Amber, Blue, Clear, Green & Red



MOUNTING

A3510L Universal Bracket
 A3510BZC Chrome Bezel
 A3510MA Multi-Angle Bracket



Compact high-intensity LED warning signal

16 flash patterns

Synchronization capable

In-line waterproof driver module

3811 / 3861

SAE Class I Surface / Grommet Mount

- | | |
|---|--|
| <ul style="list-style-type: none"> # 3811A C Amber V 12-24 A 0.4 X 2 Bolt ⊗ SAE J595 Class I CE, R10 Ⓟ 3 Year | <ul style="list-style-type: none"> # 3861A C Amber V 12-24 A 0.4 X Grommet ⊗ SAE J595 Class I CE, R10 Ⓟ 3 Year |
|---|--|

DIMENSIONS

2.1 [53] H x 5.9 [151] W x 1.2 [30] D

AVAILABLE COLORS

Amber, Blue, Clear & Red



MOUNTING

A3860ADPT Grommet Adapter

R2160GO Oval Grommet

A9895 Oval Grommet Mounting Box



Seven flash patterns

Fits standard rear lighting grommet (3861 only)

Synchronization capable

Encapsulated electronics extend product life



directional LED



Three (ED3703), four (ED3704) and six (ED3705) LED models available

Single- or split-color options (ED3704 and ED3705 only)

Dual-color warning (ED3744 and ED3755 only)

11 flash patterns (ED3703 only)

21 flash patterns (ED3704, ED3705, ED3744 & ED3755)

Synchronization capable

Black bezel included

MOUNTING

EZD3703BLBZ Black Bezel

EZD3704BLBZ Black Bezel

EZD3705BLBZ Black Bezel

EZD3703CHMBZ Chrome Bezel

EZD3704CHMBZ Chrome Bezel

EZD3705CHMBZ Chrome Bezel

EZ3703LBRKT 90° Bracket

EZ3704LBRKT 90° Bracket

EZ3705LBRKT 90° Bracket

EZ3703GBKT Grille Bracket

EZ3704GBKT Grille Bracket

EZ3705GBKT Grille Bracket

EZD3703RUBZ Rubber Grommet, Black

EZD3704RUBZ Rubber Grommet, Black

EZD3705RUBZ Rubber Grommet, Black

EZ3703LICB License Plate Bracket

NEW

ED3700 Series

Single- Split- or Dual-Color
SAE Class I Surface Mount



ED3703A
C Amber
V 12-24
A 0.5
X 2 Bolt
⊕ SAE J595 Class I, R10
Ⓜ 3 Year



ED3704A
C Amber
V 12-24
A 1.0
X 2 Bolt
⊕ SAE J595 Class I, R10
Ⓜ 3 Year



ED3744AC
Amber/Clear
12-24
1.0
2 Bolt
SAE J595 Class I, R10
3 Year



ED3705A
C Amber
V 12-24
A 1.0
X 2 Bolt
⊕ SAE J595 Class I, R10
Ⓜ 3 Year



ED3755AC
Amber/Clear
12-24
1.0
2 Bolt
SAE J595 Class I, R10
3 Year

DIMENSIONS

ED3703: 1.3 [33] H x 3.5 [89] W x 1 [25] D

ED3704 & ED3744: 1.3 [33] H x 4.5 [115] W x 1 [25] D


ED3705 & ED3755: 1.3 [33] H x 6.2 [157] W x 1 [25] D

AVAILABLE COLORS

Amber, Blue, Clear, Green & Red

Amber/Blue, Amber/Clear, Amber/Red, Blue/Clear, Red/Blue, Red/Clear

 ED3703, ED3704 & ED3705

 ED3704, ED3705, ED3744 & ED3755



directional LED

3715

SAE Class I Surface Mount

- # 3715A
- C Amber
- V 12
- A 0.3
- X 2 Bolt
- ⊗ SAE J595 Class I
- CE, R10, IP67
- Ⓟ 5 Year

DIMENSIONS

1.5 [38] H x 5.1 [130] W x 1.5 [38] D

AVAILABLE COLORS

Amber, Blue, Clear, Green & Red



Nine flash patterns

Synchronization capable

Encapsulated electronics extend product life

3730 / 3735

SAE Class II Surface Mount

- | | |
|---------------------|---------------|
| # 3730A | 3735A |
| C Amber | Amber |
| T Aluminum | ABS Plastic |
| V 12-24 | 12 |
| A 0.3 | 0.3 |
| X 2 Bolt | 2 Bolt |
| ⊗ SAE J595 Class II | - |
| CE, R10, IP67 | CE, R10, IP67 |
| Ⓟ 5 Year | 1 Year |

DIMENSIONS

1.3 [34] H x 3.7 [94] W x 1.5 [39] D

AVAILABLE COLORS

Amber, Blue, Clear, Green (3735 only) & Red



MOUNTING

- A3730BKT Universal Bracket
- A3730TNK Trunk Mount Bracket
- A3730DCK Deck Mount Bracket
- A3730WIN Adhesive Window Bracket
- A3730LIC License Plate Bracket



3730 = 14 flash patterns

3735 = 11 flash patterns

Synchronization capable (3730 only)

Encapsulated electronics extend product life



directional LED



Extremely thin design

15 flash patterns (3910-3930 only)

16 flash patterns (3931-3932 only)

Fits standard rear-lighting grommet (supplied, 3921 / 3920 only)

Synchronization capable (3931-3932 only)

Optional chrome or black bezel (3930-3932 only)

MOUNTING

A3930BZB Black Bezel (3930 only)

A3930BZC Chrome Bezel (3930 only)

A3931BZB Black Bezel (3931 only)

A3931BZC Chrome Bezel (3931 only)

A3932BZB Black Bezel (3932 only)

A3932BZC Chrome Bezel (3932 only)

R2140GR Round Mounting Grommet (3921 only)

R2160GO Oval Mounting Grommet (3920 only)

A9894 Round Grommet Mounting Box (3921 only)

A9895 Oval Grommet Mounting Box (3920 only)

3900 Series

Surface / Grommet Mount

		
#	3910A	3911A
C	Amber	Amber
V	12	12
A	0.8	0.8
X	2 Bolt	2 Bolt
Ⓢ	2 Year	2 Year
		
#	3912A	3921A
C	Amber	Amber
V	12	12
A	0.8	0.8
X	2 Bolt	Round Grommet
Ⓢ	2 Year	2 Year
		
#	3920A	3931A
C	Amber	Amber
V	12	12
A	0.8	0.5
X	Oval Grommet	2 Bolt
Ⓢ	2 Year	IP66 2 Year
		
#	3932A	
C	Amber	
V	12	
A	0.5	
X	2 Bolt	
Ⓢ	IP66 2 Year	

DIMENSIONS

3910: 3.2 [81] H x 5.0 [128] W x 0.3 [9] D
 3911: 2.3 [58] H x 6.4 [164] W x 0.3 [9] D
 3912: 4.3 [110] Diameter x 0.3 [9] D
 3920: 2.3 [58] H x 6.5 [165] W x 0.8 [19] D
 3921: 4.3 [110] Diameter x 0.3 [9] D
 3931: 2.0 [50] H x 3.8 [97] W x 0.3 [9] D
 3932: 1.5 [38] H x 5.1 [129] W x 0.3 [9] D

AVAILABLE COLORS

Amber, Blue (3931/32 only), Clear (3931/32 only) & Red





directional LED

3945 / 3965

SAE Class I
Solid- or Split-Color Grommet Mount



#	3945A	3965A
C	Amber	Amber
V	12-24	12-24
A	0.5	0.5
X	Round Grommet	Oval Grommet
⊗	SAE J595 Class I	SAE J595 Class I
Ⓢ	1 Year	1 Year

DIMENSIONS

3945: 5.2 [132] Diameter x 1.3 [32] D
3965: 2.2 [56] H x 7.4 [189] W x 1.5 [38] D

AVAILABLE COLORS

Amber, Blue, Clear & Red
Amber/Blue, Amber/Green, Amber/Clear (Split-Color 3965 only)
(AA = Amber Lens & Amber LEDs)



Eight flash patterns

Fits standard rear-lighting grommet

ED0001 VigiLED II™

Surface / Bracket Mount

#	ED0001A
C	Amber
V	12-24
A	0.7
X	2 Bolt / Bracket
⊗	R65, R10, IP67
Ⓢ	1 Year

DIMENSIONS

2.9 [74] H x 2.9 [73] W x 1.2 [31] D
3.4 [86] H x 3.1 [78] W including bracket

AVAILABLE COLORS

Amber



Surface or bracket mount

18 flash patterns

Synchronization capable

Encapsulated electronics extend product life



directional LED



Quad flash

Three or six LEDs

Single hole installation

Tough polycarbonate base and lens

Stick-A-LED™ Self-Adhesive Mount



- # ED0002A
- C Amber
- T 3 LEDs
- V 12-24
- A 0.6
- X Self-Adhesive
- Ⓢ CE, R10, IP66
- Ⓟ 1 Year



- # ED0004A
- C Amber
- T 6 LEDs
- V 12-24
- A 0.75
- X Self-Adhesive
- Ⓢ CE, R10, IP66
- Ⓟ 1 Year

DIMENSIONS

ED0002: 1.0 [26] H x 2.4 [60] W x 0.4 [11] D
ED0004: 1.6 [41] H x 2.1 [54] W x 0.4 [11] D

AVAILABLE COLORS

Amber, Blue, Clear & Red



Self-adhesive peel and stick backing



directional LED

Hide-A-LED™ Concealed Warning LEDs

Two, four, or six LED head
16 flash patterns

Synchronization capable

In-line waterproof driver module with 9' cable



					ED0010 / ED0011 Flange or self-adhesive 1/2" hole mount
#	ED0010A	ED0011A	9011A	9021AA	9011 - 9031 Flange or pop-in 1" hole mount
C	Amber	Amber	Amber	Amber	
T	2 LEDs	2 LEDs	4 LEDs	4 LEDs	
V	3/4" Shaft	2" Shaft	1 Head	2 Heads	
A	12-24	12-24	12-24	12-24	
X	0.5	0.5	0.35	1.0	
⊗	Self-Adhesive / 2 Bolt	Self-Adhesive / 2 Bolt	2 Bolt	2 Bolt	
Ⓞ	CE, R10, IP67	CE, R10, IP67	CE, R10	CE, R10	
Ⓜ	3 Year	3 Year	5 Year	5 Year	
					
#	9031A	9022AA	9013A	9014A	
C	Amber	Amber	Amber	Amber	
T	4 LEDs	4 LEDs	6 LEDs	6 LEDs	
V	1 Head	2 Heads	1 Head	1 Head	
A	12-24	12-24	12-24	12-24	
X	0.35	1.0	1.25	0.9	
⊗	Pop-In	Pop-In	2 Bolt	2 Bolt	
Ⓞ	CE, R10	CE, R10	CE, R10	CE, R10, IP67	
Ⓜ	5 Year	5 Year	5 Year	2 Year	

AVAILABLE COLORS

Amber, Clear, Red & Blue



DIMENSIONS

ED0010: 1.3 [33] H x 1.0 [25] Diameter
ED0011: 2.3 [60] H x 1.0 [25] Diameter
9011/9021: 1.1 [27] H x 1.5 [38] Diameter
9022/9031: 1.3 [34] x 1.1 [28] Diameter

9013: 1.1 [27] H x 1.5 [38] Diameter
9014: 0.9 [22] H x 1.5 [38] Diameter
9014 Bezel: 1.65 [42] H x 2.3 [58] Diameter



remote strobes



- Two or four head systems
- Head / tail light applications
- Pop-in 1" hole mount
- Double or quad flash
- Hi / Lo intensity
- Die-cast aluminum housing
- Encapsulated electronics extend product life



#	9460-1	9460-11
C	Clear	Clear
T	4 heads	4 heads
V	12-24	12-24
⊙	4, 15'	2, 15' and 2, 20'
🕒	2 Year, 6 month tube	2 Year, 6 month tube
#	9460-14	9460-19
C	Clear	Clear
T	4 heads	4 heads
V	12-24	12-24
⊙	2, 20' and 2, 25'	4, 25'
🕒	2 Year, 6 month tube	2 Year, 6 month tube

Hide-Away Systems

POWER SUPPLIES



#	9230	9460
T	2 heads	4 heads
V	12-24	12-24
W	30	60
F	70 FPMx2, 65 FPMx4	70 FPMx2, 60 FPMx4
⊙	CE, R10	CE, R10
🕒	2 Year	2 Year

DIMENSIONS

9230: 1.7 [44] H x 6.4 [161] W x 3.7 [93] D
 9460: 2 [50] H x 7.2 [183] W x 6. [161] D



NON-SHIELDED CABLES

9915 15'
 9920 20'
 9925 25'

SHIELDED CABLES

9915S 15'
 9935S 35'
 9950S 50'



ADAPTERS

A9000AMP Connector & pins
 R9000PCH Power cable



STROBE LIGHT HEADS

9001X Hide-Away
 Replace 'X' with A=Amber, C=Clear



remote strobes

Hide-Away Systems

#	9660-1	9660-2
C	Clear	Clear
T	4 heads	4 heads
V	12-24	12-24
⊙	4, 15'	2, 15' and 2, 20'
⌚	2 Year, 6 month tube	2 Year, 6 month tube



Expandable to six heads

POWER SUPPLIES



#	9660
T	6 heads
V	12-24
W	60
F	Varies
⌚	2 Year

DIMENSIONS

2.2 [55] H x 5.5 [140] W x 5.6 [142] D



Six head system

Head / tail light applications

Flange 1" hole mount

15 flash patterns

Hi/Lo intensity

Plug-in switch panel (order separately)

Comes with four heads and is expandable to six



SHIELDED CABLES

9915AMP 15'
9930AMP 30'



STROBE LIGHT HEADS

9007X Hide-Away
9006X Oval Grommet (9230/9460 only)
Replace 'X' with A=Amber, C=Clear



SWITCH PANEL

A9660SW

**SMALL SIZE
BIG CONTROL
MASSIVE WARNING**
SAFETY DIRECTOR™





Safety Director™



3400 Series

SAE Class I LED

Nine flash patterns

Unobtrusive interior or exterior mounting

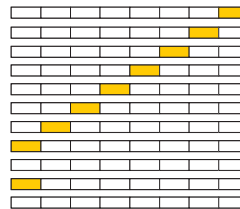
Soft touch controller with flash pattern display and auxiliary switch

Includes signal bar, controller and cable

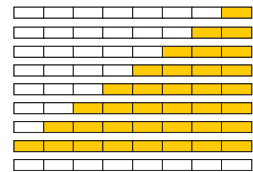
20A auxiliary relay included

Flash Patterns

LEFT



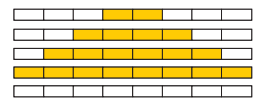
LEFT SOLID



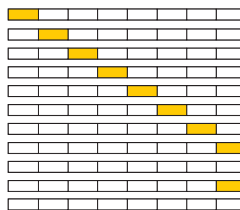
CENTER OUT



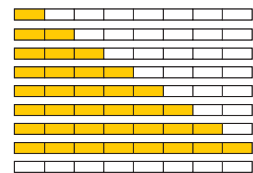
CENTER OUT SOLID



RIGHT



RIGHT SOLID



WIG WAG



ALTERNATING QUAD FLASH



ALTERNATING SINGLE FLASH



#	3410A	3435A	3455A
C	Amber	Amber	Amber
⊙	15'	35'	55'
V	12	12	12
A	1.6	1.6	1.6
⊗	SAE J595 Class I CE, R10	SAE J595 Class I CE, R10	SAE J595 Class I CE, R10
⌚	3 Year	3 Year	3 Year

DIMENSIONS

1.9 [48] H x 48.1 [1222] W x 2.5 [63] D

Controller
3.6 [90] H x 5.9 [149] W x 0.7 [18] D

SYSTEM COMPONENTS

- 3410CB Controller
- 3410LBA Signal Bar
- 3410-15 15' Cable
- 3410-35 35' Cable
- 3410-55 55' Cable



Safety Director™



ED3300 Series

SAE Class I LED

Nine flash patterns

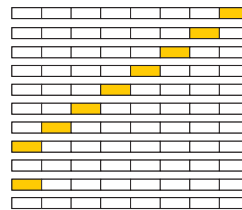
Soft touch controller with flash pattern display and auxiliary switch

Includes signal bar, controller and cable

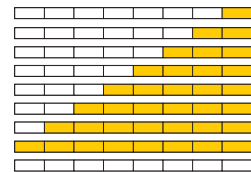
20A auxiliary relay included

Flash Patterns

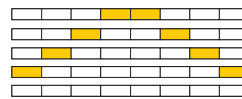
LEFT



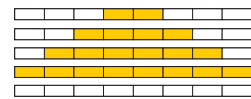
LEFT SOLID



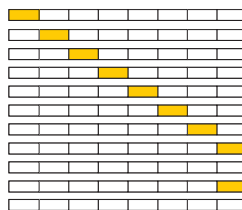
CENTER OUT



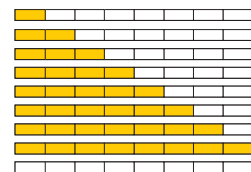
CENTER OUT SOLID



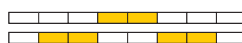
RIGHT



RIGHT SOLID



WIG WAG



ALTERNATING QUAD FLASH



ALTERNATING SINGLE FLASH



#	ED3315A	ED3335A	ED3355A
C	Amber	Amber	Amber
V	15'	35'	55'
A	12-24	12-24	12-24
⊕	1.6	1.6	1.6
⊕	SAE J595 Class I, R10	SAE J595 Class I, R10	SAE J595 Class I, R10
⊕	3 Year	3 Year	3 Year

DIMENSIONS

2 [51] H x 48.5 [1232] W x 3 [76] D

Controller

3.6 [90] H x 5.9 [149] W x 0.7 [18] D

REPLACEMENT MODULES

ED3300 Series are offered in Amber only; however, replacement color modules are available.

ER3300X

Replace 'X' with A=Amber, B=Blue, C=Clear, R=Red

SYSTEM COMPONENTS

3410CB Controller

ED3300LBA Signal Bar

3410-15 15' Cable

3410-35 35' Cable

3410-55 55' Cable



Safety Director™



ED3307 Series

SAE Class I LED

35 flash patterns

Single unit (ED3307A) or split arrow (ED3307SA) options
16 high-powered 3811 LED modules (see page 10)

Includes signal bar, controller and cable



- # ED3307A
- C Amber
- T Single unit
- 35'
- V 12-24
- A 2.8
- SAE J595 Class I, CE, R10
- 3 Year



- ED3307SA
- Amber
- Split arrow
- 35'
- 12-24
- 2.8
- SAE J595 Class I, CE, R10
- 3 Year

DIMENSIONS

ED3307A: 24.4 [620] H x 53.8 [1367] W x 3.2 [81] D
ED3307SA: 24.4 [620] H x 28 [711] W x 3.2 [81] D (per arrow)

Controller
2.1 [53] H x 6.1 [155] W x 0.7 [18] D

REPLACEMENT MODULES

ED3300 Series are offered in Amber only; however, replacement color modules are available.

ER3300X

Replace 'X' with A=Amber, B=Blue, C=Clear, R=Red

SYSTEM COMPONENTS

- ED3307CB Controller
- R3307SACBL 30' Arrow-to-Arrow Cable (ED3307SA)
- 3410-15 15' Cable
- 3410-35 35' Cable
- 3410-55 55' Cable

Flash Patterns

One lamp sequence then double flash

- 1 Flash - Wig wag
- 2 Right sweep - Single lamp L-R sequentially / double flash
- 3 Left sweep - Single lamp R-L sequentially / double flash
- 4 Center - Single lamp center out / double flash

Two lamp sequence then double flash

- 5 Flash - Wig wag alternating
- 6 Right sweep - Two lamp L-R sequentially / double flash
- 7 Left sweep - Two lamp R-L sequentially / double flash
- 8 Center - Two lamp center out / double flash

Six lamp sequence then double flash

- 9 Flash - Hyper wig wag
- 10 Right sweep - Six lamp L-R sequentially / double flash
- 11 Left sweep - Six lamp R-L sequentially / double flash
- 12 Center - Six lamp center out / double flash

Sequence to solid double flash

- 13 Flash - Wig wag
- 14 Right sweep - L-R sequentially / solid double flash
- 15 Left sweep - R-L sequentially / solid double flash
- 16 Center - Center out / solid double flash

One lamp sequence then triple flash

- 17 Flash - Hyper alternating
- 18 Right sweep - Single lamp L-R sequentially / triple flash
- 19 Left sweep - Single lamp R-L sequentially / triple flash
- 20 Center - Single lamp center out / triple flash

Three lamp sequence then double flash

- 21 Flash - Alternating solid
- 22 Right sweep - Three lamp L-R sequentially / double flash
- 23 Left sweep - Three lamp R-L sequentially / double flash
- 24 Center - Three lamp center out / double flash

Sequence on/off

- 25 Flash - Hyper wig wag
- 26 Right sweep - L-R sequentially / off
- 27 Left sweep - R-L sequentially / off
- 28 Center - Center out / solid

Solid arrow

- 29 Flash - Wig wag
- 30 Right sweep - Right side on/off
- 31 Left sweep - Left side on/off
- 32 Center - All lamps on/off

Flash with no arrows

- 33 Cycle flash - Wig wag
- 34 Solid flash - Wig wag
- 35 Solid flash - Alternating



Safety Director™



37048AS

37038AS Series NARROWSTIK™

SAE Class I LED

32 flash patterns

Comprises eight 3703 LED modules (37038AS) or six 3705 and two 3704 LED modules (37048AS)

Includes signal bar, in-cab rocker switch panel, and cable

Aluminum housing

#	37038AS	37048AS
C	Amber	Amber
T	29" length	48" length
⊙	15'	15'
V	12-24	12-24
A	0.5	0.8
⊙	SAE J595 Class I	SAE J595 Class I
🕒	3 Year	3 Year

DIMENSIONS

37038AS: 1.4 [36] H x 28.8 [732] W
37048AS: 1.9 [48] H x 47.5 [1207] W

Switch Panel
2.4 [61] H x 3 [76] W x 2.9 [74] D

Flash Patterns

One lamp sequence then double flash

- 1 Wig wag
- 2 Right sweep - Single lamp L-R sequentially / double flash
- 3 Left sweep - Single lamp R-L sequentially / double flash
- 4 Center - Single lamp center out / double flash

Two lamp sequence then double flash

- 5 Wig wag - Single flash
- 6 Right sweep - Two lamp L-R sequentially / double flash
- 7 Left sweep - Two lamp R-L sequentially / double flash
- 8 Center - Two lamp center out / double flash

Four lamp sequence then double flash

- 9 Wig wag
- 10 Right sweep - Six lamp L-R sequentially / double flash
- 11 Left sweep - Six lamp R-L sequentially / double flash
- 12 Center - Six lamp center out / double flash

Sequence to solid double flash

- 13 Wig wag
- 14 Right sweep - L-R sequentially / solid double flash
- 15 Left sweep - R-L sequentially / solid double flash
- 16 Center - Center out / solid double flash

One lamp sequence then triple flash

- 17 Wig wag
- 18 Right sweep - Single lamp L-R sequentially / triple flash
- 19 Left sweep - Single lamp R-L sequentially / triple flash
- 20 Center - Single lamp center out / triple flash

Sequence on/off

- 21 Wig wag - Double flash
- 22 Right sweep - L-R sequentially / double flash
- 23 Left sweep - R-L sequentially / double flash
- 24 Center - Center out / solid

Sequence (slow) on/off

- 25 Wig wag
- 26 Right sweep (slow) - L-R sequentially / off
- 27 Left sweep (slow) - R-L sequentially / off
- 28 Center - Center out / solid

Solid arrow

- 29 Wig wag
- 30 Right sweep - Right side on/off
- 31 Left sweep - Left side on/off
- 32 Center - All lamps on/off



accessories

Switches & Controls



3410CB
Safety Director controller
Used with 3410, ED3315



ED3307CB
Safety Director Arrow controller
Used with ED3307A, ED3307SA



EZ2127SB
Switch box - 3 level slide,
6 switch 12V
Used with all Directionals



A9000
Switchbox - 6 switch 12V
Used with all Directionals



A9891
Illuminated 12V-Amber-SPST
Used with all Directionals



A9893
Switch panel - single slot
(excludes switch)
Used with A9891 / A9892



A9904
Bracket mounting kit
Used with A9901 / A9902 / A9903



A9905SW
On/off & flash pattern switches
Used with multiple pattern LEDs



A9660SW
Remote strobe switch
Used with 9660 Series



A9901
Illuminated 12V
Used with all Directionals



A9902
Bracket - end section
Used with A9901



A9903
Bracket - center section
Used with A9901

Light Source Components



ER3300X - Module
Safety Director (A, B, C, R)
Used with ED3300 Series

accessories

Mounting Hardware



A3510BZC
Chrome Bezel
Used with 3510



A3930BZB / BZC
Black or Chrome Bezel
Used with 3930



A3931BZB / BZC
Black or Chrome Bezel
Used with 3931



A3932BZB / BZC
Black or Chrome Bezel
Used with 3932



EZ3703BLBZ / CHMBZ
Black or Chrome Bezel
Used with ED3703



EZ3704BLBZ / CHMBZ
Black or Chrome Bezel
Used with ED3704 & ED3744



EZ3705BLBZ / CHMBZ
Black or Chrome Bezel
Used with ED3705 & ED3755



EZ3703RUBZ / 04 / 05
Flush Mount Black
Rubber Grommet
Used with ED3703, ED3704, ED3705



R2140GR
Round Grommet
Used with A9894, 3921 & 3945



R2160GO
Oval Grommet
Used with A9895, 3860, 3920 & 3965



A3860ADPT
Grommet Adapter
Used with 3800 Series



A9894
Round Grommet Box
Used with 3921 & 3945



A9895
Oval Grommet Box
Used with 3860, 3920 & 3965



A3510L
Universal Bracket
Used with 3510



A3510MA
Multi-Angle Bracket
Used with 3510



A3730BKT
Universal Bracket
Used with 3730 & 3735 Series



A3730DCK
Deck Mount Bracket
Used with 3730 & 3735 Series



A3730LIC / EZ3703LIC
License Plate Bracket
A3730LIC used with 3730 & 3735 Series
EZ3703LIC used with 3703



A3730WIN
Adhesive Window Bracket
Used with 3730 & 3735 Series



EZ3766L
Universal Bracket
Used with ED3766



EZ3703LBRKT / 04 / 05
90° Bracket
Used with ED3703, ED3704, ED3705



EZ3703GBKT / 04 / 05
Grille Bracket
Used with ED3703, ED3704, ED3705

THE DIRT

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DIGITALLY**



THE DIRT

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18 SETTING A NEW STANDARD
how ECCO meets (and exceeds)
today's global certifications

INDUSTRY LEADERS
upfitters around the world

12
16
21

BLINDED BY THE LIGHTS
knowing the difference when it
comes to measuring lumens

Issue 7 | 2016 | published by ECCO

Issue 4 | 2015 | published by ECCO

Issue 7 | 2016 | published by ECCO

AXIOS DEBUT
the world's first modular
LED lightbar system

GOES AROUND CORNERS
shopping reinvents mail order
vans up the tree market



part number index

DIRECTIONALS	PART #	PAGE #	TYPE	MOUNT	CLASS	AMPS	VDC
		3510	11	Solid-Color	Surface	Class I	0.75
	3715	13	Solid-Color	Surface	Class I	0.3	12
	3730	13	Solid-Color	Surface	Class II	0.3	12-24
	3735	13	Solid-Color	Surface	Class II	0.3	12
	3811	11	Solid-Color	Surface	Class I	0.4	12-24
	3861	11	Solid-Color	Grommet	Class I	0.4	12-24
	3910	14	Solid-Color	Surface	-	8.0	12
	3911	14	Solid-Color	Surface	-	8.0	12
	3912	14	Solid-Color	Surface	-	8.0	12
	3920	14	Solid-Color	Oval Grommet	-	8.0	12
	3921	14	Solid-Color	Round Grommet	-	8.0	12
	3931	14	Solid-Color	Surface	-	0.5	12
	3932	14	Solid-Color	Surface	-	0.5	12
	3945	15	Solid-Color	Round Grommet	-	0.5	12-24
	3965	15	Solid-Color	Oval Grommet	-	0.5	12-24
	9011	17	Solid-Color	Head/Tail Light	-	0.35	12-24
	9013	17	Solid-Color	Head/Tail Light	-	1.25	12-24
	9014	17	Solid-Color	Head/Tail Light or Surface	-	0.9	12-24
	9021	17	Solid-Color	Head/Tail Light	-	1.0	12-24
	9022	17	Solid-Color	Head/Tail Light	-	1.0	12-24
	9031	17	Solid-Color	Head/Tail Light	-	0.35	12-24
	ED0001	15	Solid-Color	Surface/Bracket	-	0.7	12-24
	ED0002	16	Solid-Color	Self-Adhesive	-	0.6	12-24
	ED0004	16	Solid-Color	Self-Adhesive	-	0.75	12-24
	ED0010	17	Solid-Color	Head/Tail Light or Self-Adhesive	-	0.5	12-24
	ED0011	17	Solid-Color	Head/Tail Light or Self-Adhesive	-	0.5	12-24
	ED3701	8	Solid- or Split- Color	Surface	Class I	0.8	12-24
	ED3702	8	Dual-Color	Surface	Class I	0.6	12-24
	ED3703	12	Solid-Color	Surface	Class I	0.5	12-24
	ED3704	12	Split-Color	Surface	Class I	1.0	12-24
	ED3705	12	Split-Color	Surface	Class I	1.0	12-24
	ED3706	9	Solid- or Split- Color	Multi	Class I	0.9	12-24
	ED3712	9	Dual-Color	Multi	Class I	0.9	12-24
	ED3744	12	Dual-Color	Surface	Class I	1.0	12-24
	ED3755	12	Dual-Color	Surface	Class I	1.0	12-24
	ED3766	10	Dual-Color	Surface	Class I	0.8	12-24
	ED3777X	7	Solid-Color	Multi	Class I	1.8	12-24
	ED3777XX	7	Split-Color	Multi	Class I	3.6	12-24



part number index

SAFETY DIRECTORS	PART #	PAGE #	LENGTH	CLASS	CABLE	AMPS	VDC
	3410	21	4'	Class I	15'	1.6	12
	3435	21	4'	Class I	35'	1.6	12
	3455	21	4'	Class I	55'	1.6	12
	37038AS	24	2.4'	Class I	15'	0.5	12-24
	37048AS	24	4'	Class I	15'	0.8	12-24
	ED3307	23	4.5'	Class I	35'	2.8	12-24
	ED3307SA	23	4.5' Split	Class I	35'	2.8	12-24
	ED3315	22	4'	Class I	15'	1.6	12-24
	ED3335	22	4'	Class I	35'	1.6	12-24
ED3355	22	4'	Class I	55'	1.6	12-24	
HIDE-AWAYS	PART #	PAGE #	HEADS	VDC	WATTS		
	9230	18	2 head	12-24	30		
	9460	18	4 head	12-24	60		
	9660	19	6 head	12-24	60		



WARNING LIGHTING





contents guide



Beacons



Minibars



Domes & Lenses



Guards & Covers



Cables, Plugs



Mounting Hardware



Part Number Index



The Dirt Magazine

symbol guide



Part Number



Color



Type



Volts



Amps



Flashes per minute



Joules



Watts



Mounting



Approvals



Warranty





certifications

Certifications & Standards

SAE Class (I, II & III) Indicates compliance with the relevant section of the Society of Automotive Engineers' general requirements for warning lights. Specific class ratings indicate the intensity of light produced, Class I being most powerful.


California Title 13 Indicates compliance with California vehicle code requirements.

R65 Indicates compliance with European regulations specifically related to vehicle warning lights.

CE Indicates compliance with general mandatory European product safety regulations (electromagnetic compatibility).

R10 Indicates compliance with mandatory European product safety regulations specifically related to electrical products for on-road vehicles (electromagnetic compatibility).

IP Indicates level of environmental protection provided by a product enclosure as defined by the European Committee for Electro Technical Standardization. Ingress Protection (IP) ratings are stated as two numbers, the first number relates to protection from solid materials (1-6), and the second number to protection from liquids (1-8). The higher the number, the greater the protection.

UL /  Indicates compliance with a relevant electrical product safety standard as defined by Underwriters Laboratories (UL). UL recognized products are suitable for use on electrically powered vehicles that are themselves covered by a UL standard (i.e. forklifts).

AMECA Indicates 3rd party, independent verification of SAE compliance by the Automotive Manufacturers Equipment Compliance Agency.

RoHS Indicates compliance with European directive restricting the use of hazardous substances such as lead, mercury, cadmium, hexavalent chromium, and six other substances.



RELIABILITY....UPGRADED

LED OPTICS GIVE ECCO'S POPULAR BEACON AN INTENSE WARNING SIGNAL IN A LOW-MAINTENANCE, LONG-LASTING FORM.





beacons LED

7660 RotoLED™ **NEW**

SAE Class I LED Hybrid



- # **7660A**
- C Amber
- V 12-24
- A 2.1
- F 125
- X 3 Bolt
- ⊗ SAE J845 Class I, CE, R10, IP67
- ⊕ Cal. Title 13 (A & CA only), RoHS
- ⊕ 5 Year



- # **7660A-VM**
- C Amber
- V 12-24
- A 2.1
- F 125
- X Vacuum-Magnet
- ⊗ SAE J845 Class I, CE, R10, IP67
- ⊕ Cal. Title 13 (A & CA only), RoHS
- ⊕ 5 Year



No gears, brushes, or bulbs to wear out
LED optics produce intense rotating beam

UV hard coated lens reduces abrasion, cracking and fading

DIMENSIONS

6.2 [156] H x 6.5 [165] Diameter

AVAILABLE COLORS

Amber, Blue, Clear, Green & Red



CA models = clear lens / amber illumination

7960 Pulse™

SAE Class I LED



- # **7960A**
- C Amber
- V 12-24
- A 3.7
- X 3 Bolt / 1" Pipe
- ⊗ SAE J845 Class I, CE, R10
- ⊕ IP56, RoHS
- ⊕ 5 Year



- # **7960A-VM**
- C Amber
- V 12-24
- A 3.7
- X Vacuum-Magnet
- ⊗ SAE J845 Class I, CE, R10, RoHS
- ⊕ 5 Year



11 flash patterns

Hi/Lo intensity

Encapsulated electronics for severe vibration applications

DIMENSIONS

5.6 [142] H x 6.5 [165] Diameter

AVAILABLE COLORS

Amber, Blue, Clear & Red



CA models = clear lens / amber illumination

LENSES

R7960LX

Replace 'X' with A=Amber, B=Blue, C=Clear, R=Red



beacons LED



Compact, low-profile beacon

8 flash patterns, including simulated rotate mode

Synchronization capable

EB7180

SAE Class I LED



EB7180A

- # Amber
- C 12-24
- V 6.2
- A 4 Bolt / 1" Pipe
- X SAE J845 Class I, Cal. Title 13,
- ⊕ R10, IP55, AMECA
- 🕒 3 Year



EB7180A-VM

- Amber
- 12-24
- 6.2
- Vacuum-Magnet
- SAE J845 Class I, Cal. Title 13,
- R10, IP55, AMECA
- 3 Year

DIMENSIONS

2.3 [58] H x 6.5 [165] W x 6.5 [165] D

AVAILABLE COLORS

Amber, Clear/Amber & Clear/Clear



CA models = clear lens / amber illumination

CC models = clear lens / clear illumination

EB7185

SAE Class I Dual-Color LED



EB7185AAA

- C Amber
- V 12-24
- A 8.6
- X 4 Bolt / 1" Pipe
- ⊕ SAE J845 Class I, Cal. Title 13,
- R10, IP55, AMECA, RoHS
- 🕒 3 Year



EB7185AAA-VM

- Amber
- 12-24
- 8.6
- Vacuum-Magnet
- SAE J845 Class I, Cal. Title 13,
- R10, IP55, AMECA
- 3 Year

DIMENSIONS

3.3 [84] H x 6.5 [165] W x 6.5 [165] D

AVAILABLE COLORS

Amber, Clear/Amber/Amber, Clear/Amber/Clear, Clear/Clear/Clear, Clear/Amber/Blue, & Clear/Amber/Green



CAA models = clear lens / amber illumination

CAB models = clear lens / amber and blue illumination

CAC models = clear lens / amber and clear illumination

CAG models = clear lens / amber and green illumination

CCC models = clear lens / clear illumination

Dual-color warning

24 flash patterns, including simulated rotate mode

Hi/Lo intensity, synchronization capable





beacons LED

7460 Profile™

SAE Class I LED



7460A

- C Amber
- V 12-36
- A 3.6
- F 80 FPMx8
- X 3 Bolt / 1" Pipe
- ⊙ SAE J845 Class I, CE, IP67
- Ⓜ 5 Year

7460A-VM

- C Amber
- V 12-24
- A 3.6
- F 80 FPMx8
- X Vacuum-Magnet
- ⊙ SAE J845 Class I, CE, IP67
- Ⓜ 5 Year

DIMENSIONS

3.1 [79] H x 6.4 [163] Diameter

AVAILABLE COLORS

Amber, Blue, Clear, Green & Red



CA models = clear lens / amber illumination



Compact, low-profile beacon

Reflective LED module

Overhead heatsink design provides aesthetic pipe mounting

7160 Reflex®

SAE Class I LED



7160A

- C Amber
- V 12-24
- A 2.0
- X 3 Bolt / 1" Pipe
- ⊙ SAE J845 Class I, Cal. Title 13, CE, R10
- IP66, RoHS
- Ⓜ 5 Year

7160A-VM

- C Amber
- V 12-24
- A 2.0
- X Vacuum-Magnet
- ⊙ SAE J845 Class I, Cal. Title 13, CE
- R10, IP66
- Ⓜ 5 Year

DIMENSIONS

3.9 [99] H x 6.5 [165] Diameter

AVAILABLE COLORS

Amber, Blue, Clear, Green & Red



CA models = clear lens / amber illumination

LENSES

R7160LX

Replace 'X' with A=Amber, B=Blue, C=Clear, G=Green, R=Red



15 flash patterns

Hi/Lo intensity and synchronization capable

Encapsulated electronics extend product life



beacons LED

7900 Series

SAE Class I LED



11 flash patterns

Encapsulated electronics for severe vibration applications (7975/80 only)

Aluminum base (Class I only)



7965A
C Amber
V 12-24
A 3.6
X 3 Bolt / 1" Pipe
 ☉ SAE J845 Class I, CE
 R10, RoHS
 ☺ 2 Year



7965A-VM
 Amber
 12-24
 3.6
 Vacuum-Magnet
 SAE J845 Class I, CE
 R10
 2 Year



7965A-HBT
 Amber
 12-24
 3.6
 High Bond Tape
 SAE J845 Class I, CE
 R10, RoHS
 2 Year



7970A
C Amber
V 12-24
A 3.6
X 3 Bolt / 1" Pipe
 ☉ SAE J845 Class I, CE
 R10, RoHS
 ☺ 2 Year



7970A-VM
 Amber
 12-24
 3.6
 Vacuum-Magnet
 SAE J845 Class I, CE
 R10
 2 Year



7970A-HBT
 Amber
 12-24
 3.6
 High Bond Tape
 SAE J845 Class I, CE
 R10, RoHS
 2 Year



7975A
T Severe Vibration
C Amber
V 12-24
A 3.6
X 3 Bolt / 1" Pipe
 ☉ SAE J845 Class I, CE, R10
 ☺ 2 Year



7980A
T Severe Vibration
C Amber
V 12-24
A 3.6
X 3 Bolt / 1" Pipe
 ☉ SAE J845 Class I, CE, R10
 ☺ 2 Year

AVAILABLE COLORS

Amber, Blue, Clear, Green & Red



DIMENSIONS

7965/7975: 4.9 [124] H,
7970/7980: 6.7 [170] H,
Base: 6.5 [165] Diameter

LENSES

R6050LX [5"], R6070LX [7"]
Replace 'X' with A=Amber, B=Blue, C=Clear, G=Green, R=Red



beacons LED

7900 Series

SAE Class II LED



7945A
C Amber
V 12-48
A 1.3
X 3 Bolt / 1" Pipe
⊗ SAE J845 Class II, CE
Ⓢ R10, RoHS
Ⓢ 2 Year



7945A-VM
C Amber
V 12-24
A 1.3
X Vacuum-Magnet
⊗ SAE J845 Class II, CE, R10
Ⓢ 2 Year



7945A-HBT
C Amber
V 12-24
A 1.3
X High Bond Tape
⊗ SAE J845 Class II, CE
Ⓢ R10, RoHS
Ⓢ 2 Year



7950A
C Amber
V 12-48
A 1.3
X 3 Bolt / 1" Pipe
⊗ SAE J845 Class II, CE,
Ⓢ R10, RoHS
Ⓢ 2 Year



7950A-VM
C Amber
V 12-24
A 1.3
X Vacuum-Magnet
⊗ SAE J845 Class II, CE, R10
Ⓢ 2 Year



7950A-HBT
C Amber
V 12-24
A 1.3
X High Bond Tape
⊗ SAE J845 Class II, CE
Ⓢ R10, RoHS
Ⓢ 2 Year

11 flash patterns

Encapsulated electronics for severe vibration applications (EB7930/35 only)

Reinforced polypropylene base (Class II only)



EB7930A
T Severe Vibration
C Amber
V 12-48
A 1.3
X 3 Bolt / 1" Pipe
⊗ SAE J845 Class II, CE, R10
Ⓢ 2 Year



EB7935A
T Severe Vibration
C Amber
V 12-48
A 1.3
X 3 Bolt / 1" Pipe
⊗ SAE J845 Class II, CE, R10
Ⓢ 2 Year

AVAILABLE COLORS

Amber, Blue, Clear, Green & Red



DIMENSIONS

7930/7945: 4.9 [124] H,
7935/7950: 6.7 [170] H,
Base: 6.5 [165] Diameter

LENSES

R6050LX [5"], R6070LX [7"]

Replace 'X' with A=Amber, B=Blue, C=Clear, G=Green, R=Red



beacons LED



6465 SAE Class III LED

Industrial applications
Reinforced nylon base
Ideal for material handling equipment



6465A
C Amber
V 12-80
A 1.9
F 85 FPMx8
X 3 Bolt
⊙ SAE J845 Class III
CE, R10, UL, RoHS
Ⓜ 3 Year



6465A-MG
Amber
12-24
1.9
85 FPMx8
Magnet
SAE J845 Class III
CE, R10
3 Year



6465A-HBT
Amber
12-24
1.9
85 FPMx8
High Bond Tape
SAE J845 Class III
CE, R10, RoHS
3 Year

AVAILABLE COLORS

Amber, Blue, Clear, Green & Red



DIMENSIONS

3.9 [99] H x 5.1 [130] Diameter

LENSES

R6400LX

Replace 'X' with A=Amber, B=Blue, C=Clear, G=Green, R=Red



beacons LED



6262 Series SAE Class III LED

Industrial applications

Encapsulated electronics extend product life

Ideal for material handling equipment



Wire exit: side

- # 6262A
- C Amber
- V 12-80
- A 0.47
- F 70 FPMx8
- X 2 Bolt
- ☑ SAE J845 Class III
- CE, R10, UL, IP66/67, RoHS
- 🕒 3 Year



Wire exit: bottom

- # 6263A
- C Amber
- V 12-80
- A 0.47
- F 70 FPMx8
- X 2 Bolt
- ☑ SAE J845 Class III
- CE, R10, UL, IP66/67, RoHS
- 🕒 3 Year



- # 6267A
- C Amber
- V 12-80
- A 0.47
- F 70 FPMx8
- X 1/2" Pipe
- ☑ SAE J845 Class III
- CE, R10, UL, IP66/67, RoHS
- 🕒 3 Year

AVAILABLE COLORS

Amber, Blue, Clear, Green & Red



DIMENSIONS

6262/6263: 4.9 [124] H x 3.9 [98] W
6267: 4.9 [124] H x 2.8 [71] Diameter

LENSES

R6260LX

Replace 'X' with A=Amber, B=Blue, C=Clear, G=Green, R=Red



beacons strobe

6700 Series

SAE Class II Strobe
Severe Vibration

Double or quad flash

Encapsulated electronics for severe vibration applications

6710/20 = reinforced polypropylene base

6750/70 = aluminum base/diagnostic indicator



i.beam™
diagnostic indicator

- # 6750A
- C Amber
- V 12-24
- A 2.6
- F 75 FPMx2, 65 FPMx4
- J 10 Jx2, 16 Jx4
- X 3 Bolt / 1" Pipe
- ☑ SAE J1318 Class II
CE, R10, IP66
- 🕒 2 Year Strobe
6 Month Tube



i.beam™
diagnostic indicator

- # 6770A
- C Amber
- V 12-24
- A 2.6
- F 75 FPMx2, 65 FPMx4
- J 10 Jx2, 16 Jx4
- X 3 Bolt / 1" Pipe
- ☑ SAE J1318 Class II
CE, R10, IP66
- 🕒 2 Year Strobe
6 Month Tube



- # 6710A
- C Amber
- V 12-48
- A 1.3
- F 75 FPMx2, 65 FPMx4
- J 7 Jx2, 10 Jx4
- X 3 Bolt / 1" Pipe
- ☑ SAE J1318 Class II
CE, R10
- 🕒 2 Year Strobe
6 Month Tube



- # 6720A
- C Amber
- V 12-48
- A 1.3
- F 75 FPMx2, 65 FPMx4
- J 7 Jx2, 10 Jx4
- X 3 Bolt / 1" Pipe
- ☑ SAE J1318 Class II
CE, R10
- 🕒 2 Year Strobe
6 Month Tube



- # 6690A
- C Amber
- V 12-24
- A 2.2
- F 65 FPM
- J 8/13 Jx2, 12/17 Jx4
- X 3 Bolt / 1" Pipe
- ☑ SAE J1318 Class II,
CE, R10
- 🕒 2 Year Strobe
6 Month Tube

Double or quad flash

Hi/Lo intensity

Aluminum base



- # 6650A
- C Amber
- V 12-24
- A 2.2
- F 65 FPM
- J 8/13 Jx2, 12/17 Jx4
- X 3 Bolt / 1" Pipe
- ☑ SAE J1318 Class II,
CE, R10
- 🕒 2 Year Strobe
6 Month Tube



- # 6650A-VM
- C Amber
- V 12-24
- A 2.2
- F 65 FPM
- J 8/13 Jx2, 12/17 Jx4
- X Vacuum-Magnet
- ☑ SAE J1318 Class II
CE, R10
- 🕒 2 Year Strobe
6 Month Tube



- # 6670A
- C Amber
- V 12-24
- A 2.2
- F 65 FPM
- J 8/13 Jx2, 12/17 Jx4
- X 3 Bolt / 1" Pipe
- ☑ SAE J1318 Class II
CE, R10
- 🕒 2 Year Strobe
6 Month Tube



- # 6670A-VM
- C Amber
- V 12-24
- A 2.2
- F 65 FPM
- J 8/13 Jx2, 12/17 Jx4
- X Vacuum-Magnet
- ☑ SAE J1318 Class II
CE, R10
- 🕒 2 Year Strobe
6 Month Tube

AVAILABLE COLORS

Amber



DIMENSIONS

Low: 4.8 [121], Med: 6.7 [170],
High: 7.9 [200], 6.5 [165] Diameter

FLASHTUBE

R6501FT

LENSES

R6050LX [5"], R6070LX [7"]
Replace 'X' with A=Amber, B=Blue, C=Clear,
G=Green, R=Red



beacons strobe

6500 Series SAE Class II Strobe

Double or quad flash
On/off road suitable
Reinforced polypropylene base



6550A
C Amber
V 12-48
A 2.4
F 80 FPMx2, 65 FPMx4
J 7 Jx2, 10 Jx4
X 3 Bolt / 1" Pipe
⊗ SAE J1318 Class II
CE, R10
⊕ 2 Year Strobe
6 Month Tube



6550A-VM
Amber
12-24
2.4
80 FPMx2
7 Jx2
Vacuum-Magnet
SAE J1318 Class II
CE, R10
2 Year Strobe
6 Month Tube



6550A-HBT
Amber
12-24
2.4
80 FPMx2
7 Jx2
High Bond Tape
SAE J1318 Class II
CE, R10
2 Year Strobe
6 Month Tube



6570A
C Amber
V 12-48
A 2.4
F 80 FPMx2, 65 FPMx4
J 7 Jx2, 10 Jx4
X 3 Bolt / 1" Pipe
⊗ SAE J1318 Class II
CE, R10
⊕ 2 Year Strobe
6 Month Tube



6570A-VM
Amber
12-24
2.4
80 FPMx2
7 Jx2
Vacuum-Magnet
SAE J1318 Class II
CE, R10
2 Year Strobe
6 Month Tube



6570A-HBT
Amber
12-24
2.4
80 FPMx2
7 Jx2
High Bond Tape
SAE J1318 Class II
CE, R10
2 Year Strobe
6 Month Tube

AVAILABLE COLORS

Amber



DIMENSIONS

Low: 4.8 [121], Med: 6.7 [170],
High: 7.9 [200], 6.5 [165] Diameter

FLASHTUBE

R6501FT

LENSES

R6050LX [5"], R6070LX [7"]
Replace 'X' with A=Amber, B=Blue, C=Clear,
G=Green, R=Red

STAYING POWER

YOUR NO-DRILL SOLUTION

ECCO'S NEW HIGH BOND TAPE OFFERS COUNTLESS MOUNTING
OPTIONS WHILE PROVIDING DUROBILITY FOR THE TOUGHEST JOBS.





beacons strobe & rotating

6200 Series

Low-Intensity Strobe

Industrial applications

Encapsulated electronics extend product life

Ideal for material handling equipment



- # 6220A
- C Amber
- V 12-80
- A 0.6
- F 85 FPMx1
- J 1.5
- X 2 Bolt
- Ⓞ CE, R10, UL, IP66/67
- ⌚ 2 Year Strobe
- ⌚ 6 Month Tube

6410

Low-Intensity Strobe

Industrial applications

Reinforced nylon base

Ideal for material handling equipment



- # 6410A
- C Amber
- V 12-80
- A 0.3
- F 70 FPMx1
- J 1.5
- X 3 Bolt
- Ⓞ CE, R10, UL
- ⌚ 2 Year Strobe
- ⌚ 6 Month Tube



- # 6410A-MG
- C Amber
- V 12-24
- A 0.3
- F 70 FPMx1
- J 1.5
- X Magnet
- Ⓞ CE, R10
- ⌚ 2 Year Strobe
- ⌚ 6 Month Tube

5800 Series

SAE Class I Rotator

Belt-drive rotator mechanism

Free-form optical reflector maximizes light output

Polycarbonate base



- # 5813A
- C Amber
- V 12
- A 4.9
- F 195 RPM
- X 3 Bolt
- Ⓞ SAE J845 Class I
- ⌚ R10, R65
- ⌚ 1 Year Rotator
- ⌚ 3 Month Bulb

- # 5813A-MG
- C Amber
- V 12
- A 4.9
- F 195 RPM
- X Magnet
- Ⓞ SAE J845 Class I
- ⌚ R10, R65
- ⌚ 1 Year Rotator
- ⌚ 3 Month Bulb



- # 5810A
- C Amber
- V 12
- A 4.9
- F 195 RPM
- X DIN Pole
- Ⓞ SAE J845 Class I
- ⌚ R10, R65
- ⌚ 1 Year Rotator
- ⌚ 3 Month Bulb



- # 5816A
- C Amber
- V 12
- A 4.9
- F 195 RPM
- X 1 Bolt
- Ⓞ SAE J845 Class I
- ⌚ R10, R65
- ⌚ 1 Year Rotator
- ⌚ 3 Month Bulb

AVAILABLE COLORS

Amber



DIMENSIONS

6410: 3.9 [99] H x 5.1 [130] Diameter
 6220: 5.5 [140] H x 3.9 [98] W x 2.8 [71] D
 5810: 8.2 [208] H x 5.3 [134] Diameter
 5813: 5.7 [146] H x 6.0 [153] Diameter
 5816: 7.3 [208] H x 5.3 [134] Diameter

FLASHTUBE

R6410FT 6410
 R6200FT 6200

BULB

R5812BH

LENSES

R6400LA 6410,
 R6220A 6200
 R5810LA 5810/13/16

New to the REFLEX line,
the **5545** and **5550**

SLEEK YET



POWERFUL

Our Reflex™ line of micro and minibars provide a compact, sleek yet powerful warning solution offering the flexibility of either permanent or vacuum-magnet mounting. These slim, high-intensity LEDs maximize light output and have 18 flash patterns.





minibars LED



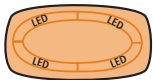
5550 Reflex® **NEW**

SAE Class I LED, 11"

Four LED modules, each containing 12 linear optic LEDs provide high intensity light output

18 flash patterns and synchronization capable

Cigarette plug adapter with on/off and flash pattern switches (magnet models)



5550A

C Amber

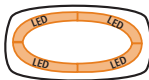
V 12-24

A 2.7

X 4 Bolt

⊗ SAE J845 Class I, Cal. Title 13, IP65, CE, R10, R65 (A,CA only), RoHS

⌚ 3 Year



5550CA

Amber

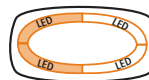
12-24

2.7

4 Bolt

⊗ SAE J845 Class I, Cal. Title 13, IP65, CE, R10, R65 (A,CA only), RoHS

3 Year



5550CAC

Amber

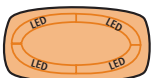
12-24

2.7

4 Bolt

⊗ SAE J845 Class I, Cal. Title 13, CE, R10, IP65, RoHS

3 Year



5550A-VM

C Illuminates Amber

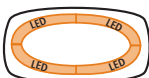
V 12-24

A 2.7

X Vacuum-Magnet

⊗ SAE J845 Class I, Cal. Title 13, IP65, CE, R10, R65 (A,CA only), RoHS

⌚ 3 Year



5550CA-VM

Illuminates Amber

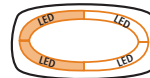
12-24

2.7

Vacuum-Magnet

⊗ SAE J845 Class I, Cal. Title 13, IP65, CE, R10, R65 (A,CA only), RoHS

3 Year



5550CAC-VM

Illuminates Amber

12-24

2.7

Vacuum-Magnet

⊗ SAE J845 Class I, Cal. Title 13, CE, R10, IP65, RoHS

3 Year

AVAILABLE COLORS

Amber, Clear, Amber/Clear



DIMENSIONS

2.2 [56] H x 10.9 [278] W x 7.6 [194] D

DOMES

R5545LX

Replace 'X' with A=Amber, C=Clear



minibars LED



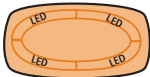
5545 Reflex® **NEW**

SAE Class II LED, 11"

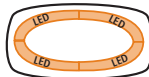
Four LED modules, each containing 6 linear optic LEDs provide high intensity light output

18 flash patterns and synchronization capable

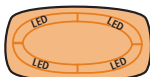
Cigarette plug adapter with on/off and flash pattern switches (magnet models)



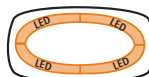
- # 5545A
- C Amber
- V 12-24
- A 0.7
- X 4 Bolt
- Ⓢ SAE J845 Class II, CE, R10, IP65, AMECA, RoHS
- 🕒 3 Year



- 5545CA
- Illuminates Amber
- 12-24
- 0.7
- Vacuum-Magnet
- SAE J845 Class II, CE, R10, IP65, AMECA, RoHS
- 3 Year



- # 5545A-VM
- C Amber
- V 12-24
- A 0.7
- X 4 Bolt
- Ⓢ SAE J845 Class II, CE, R10, IP65, AMECA, RoHS
- 🕒 3 Year



- 5545CA-VM
- Illuminates Amber
- 12-24
- 0.7
- Vacuum-Magnet
- SAE J845 Class II, CE, R10, IP65, AMECA, RoHS
- 3 Year

AVAILABLE COLORS

Amber, Clear



DIMENSIONS

2.2 [56] H x 10.9 [278] W x 7.6 [194] D

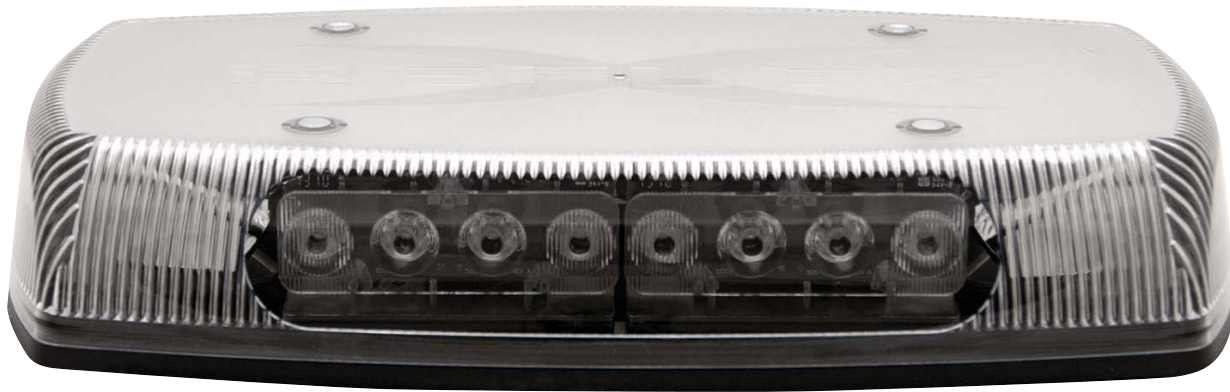
DOMES

R5545LX

Replace 'X' with A=Amber, C=Clear



minibars LED



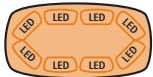
5590 Reflex®

SAE Class I LED, 15"

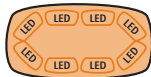
Lenticular optic lens with combined Reflective and TIR Optic LED modules to optimize focused front/rear warning and wide-angle side warning

18 flash patterns and synchronization capable

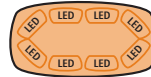
Cigarette plug adapter with on/off and flash pattern switches (magnet models)



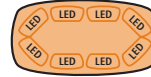
- # 5590A
- C Amber
- V 12-24
- A 6.0
- X 4 Bolt
- SAE J845 Class I
- Cal. Title 13, CE, R10, IP65
- 3 Year



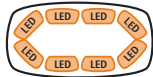
- # 5590A-MG
- Amber
- 12-24
- 6.0
- Magnet
- SAE J845 Class I
- Cal. Title 13, CE, R10
- 3 Year



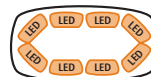
- # 5590A-VM
- Amber
- 12-24
- 6.0
- Vacuum-Magnet
- SAE J845 Class I
- Cal. Title 13, CE, R10
- 3 Year



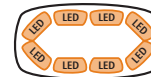
- # 5590A-HBT
- Amber
- 12-24
- 6.0
- High Bond Tape
- SAE J845 Class I
- Cal. Title 13, CE, R10
- 3 Year



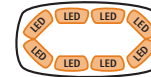
- # 5590CA
- C Illuminates Amber
- V 12-24
- A 6.0
- X 4 Bolt
- SAE J845 Class I
- Cal. Title 13, CE, R10, IP65
- 3 Year



- # 5590CA-MG
- Illuminates Amber
- 12-24
- 6.0
- Magnet
- SAE J845 Class I
- Cal. Title 13, CE, R10
- 3 Year



- # 5590CA-VM
- Illuminates Amber
- 12-24
- 6.0
- Vacuum-Magnet
- SAE J845 Class I
- Cal. Title 13, CE, R10
- 3 Year



- # 5590CA-HBT
- Illuminates Amber
- 12-24
- 6.0
- High Bond Tape
- SAE J845 Class I
- Cal. Title 13, CE, R10
- 3 Year

AVAILABLE COLORS

Amber, Blue, Clear, Green & Red
(MG models amber & amber/clear only)



DIMENSIONS

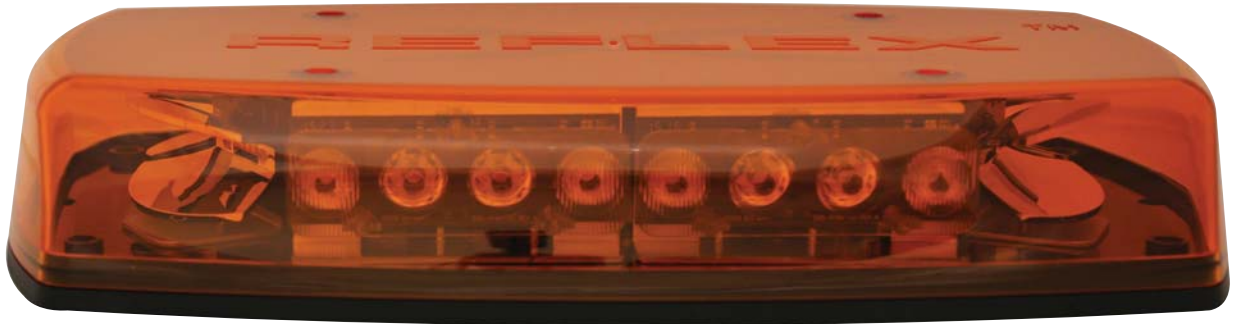
2.5 [63] H x 15 [381] W x 9 [229] D
3.1 [79] H including vacuum-magnet

DOMES

R5590LX
Replace 'X' with A=Amber, C=Clear



minibars LED



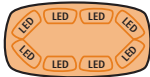
5597 Reflex®

SAE Class I LED, 15"

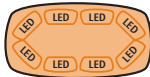
Lenticular optic lens with combined Reflective and TIR Optic LED modules to optimize focused front/rear warning and wide-angle side warning

18 flash patterns and synchronization capable

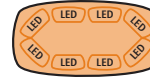
Cigarette plug adapter with on/off and flash pattern switches (magnet models)



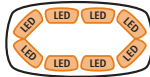
- # 5597A
- C Amber
- V 12-24
- A 6.0
- X 4 Bolt
- Ⓢ SAE J845 Class I, Cal. Title 13, CE, R10, IP65
- Ⓟ 3 Year



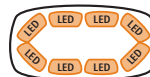
- # 5597A-MG
- Amber
- 12-24
- 6.0
- Magnet
- SAE J845 Class I, Cal. Title 13, CE, R10
- 3 Year



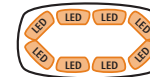
- # 5597A-VM
- Amber
- 12-24
- 6.0
- Vacuum-Magnet
- SAE J845 Class I, Cal. Title 13, CE, R10
- 3 Year



- # 5597CA
- C Illuminates Amber
- V 12-24
- A 6.0
- X 4 Bolt
- Ⓢ SAE J845 Class I, Cal. Title 13, CE, R10, IP65
- Ⓟ 3 Year



- # 5597CA-MG
- Illuminates Amber
- 12-24
- 6.0
- Magnet
- SAE J845 Class I, Cal. Title 13, CE, R10
- 3 Year



- # 5597CA-VM
- Illuminates Amber
- 12-24
- 6.0
- Vacuum-Magnet
- SAE J845 Class I, Cal. Title 13, CE, R10
- 3 Year

AVAILABLE COLORS

Amber, Clear, Amber/Clear
(MG models amber & amber/clear only)



DIMENSIONS

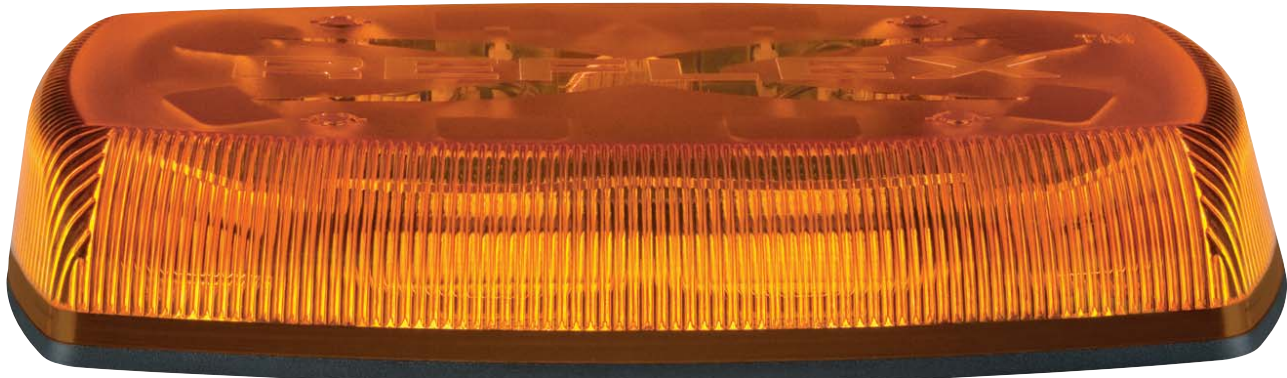
2.5 [63] H x 15 [381] W x 9 [229] D
3.1 [79] H including vacuum-magnet

DOMES

EZ5507LX
Replace 'X' with A=Amber, C=Clear



minibars LED



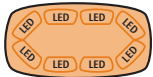
5585 Reflex®

SAE Class I LED, 15"

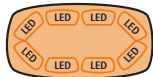
Lenticular optic lens with reflective LED modules

18 flash patterns and synchronization capable

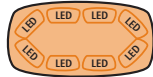
Cigarette plug adapter with on/off and flash pattern switches (magnet models)



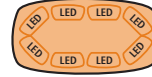
- # 5585A
- C Amber
- V 12-24
- A 5.1
- X 4 Bolt
- ⊗ SAE J845 Class I, CE, R10
IP65, RoHS
- ⌚ 3 Year



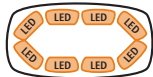
- 5585A-MG
- Amber
- 12-24
- 5.1
- Magnet
- SAE J845 Class I, CE, R10
- 3 Year



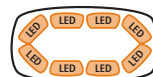
- 5585A-VM
- Amber
- 12-24
- 5.1
- Vacuum-Magnet
- SAE J845 Class I, CE, R10
- 3 Year



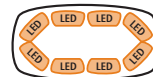
- 5585A-HBT
- Amber
- 12-24
- 5.1
- High Bond Tape
- SAE J845 Class I, CE
R10, RoHS
- 3 Year



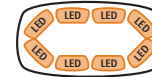
- # 5585CA
- C Illuminates Amber
- V 12-24
- A 5.1
- X 4 Bolt
- ⊗ SAE J845 Class I,
Cal. Title 13, CE, R10
IP65, RoHS
- ⌚ 3 Year



- 5585CA-MG
- Illuminates Amber
- 12-24
- 5.1
- Magnet
- SAE J845 Class I,
Cal. Title 13, CE, R10
- 3 Year



- 5585CA-VM
- Illuminates Amber
- 12-24
- 5.1
- Vacuum-Magnet
- SAE J845 Class I,
Cal. Title 13, CE, R10
- 3 Year



- 5585CA-HBT
- Illuminates Amber
- 12-24
- 5.1
- High Bond Tape
- SAE J845 Class I,
Cal. Title 13, CE
R10, RoHS
- 3 Year

AVAILABLE COLORS

Amber, Blue, Clear, Green, Red & Amber/
Clear (MG models amber illumination only)



DIMENSIONS

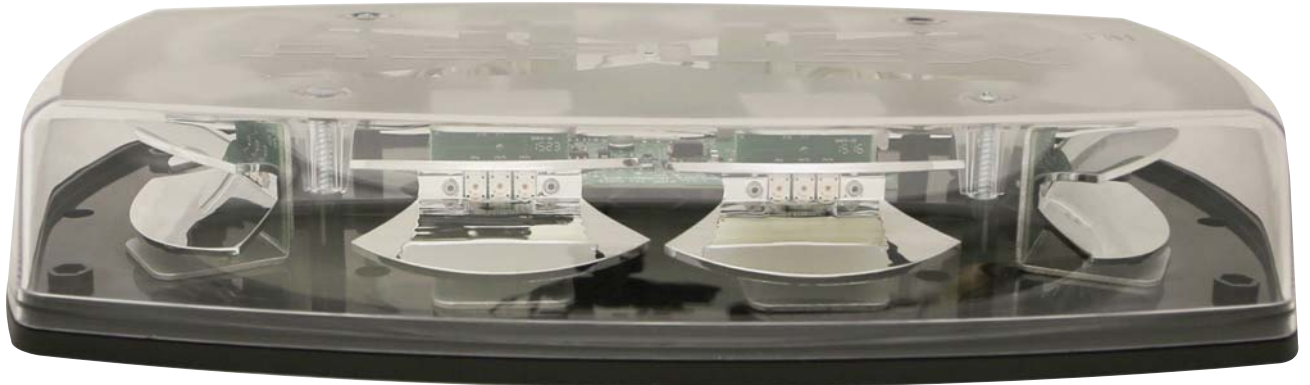
2.5 [63] H x 15 [381] W x 9 [229] D
3.1 [79] H including vacuum-magnet

DOMES

R5590LX
Replace 'X' with A=Amber, C=Clear



minibars LED



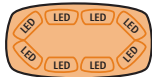
5587 Reflex®

SAE Class I LED, 15"

Zero optic lens with reflective LED modules

18 flash patterns and synchronization capable

Cigarette plug adapter with on/off and flash pattern switches (magnet models)



5587A

C Amber

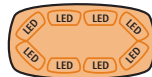
V 12-24

A 5.1

X 4 Bolt

⊙ SAE J845 Class I, CE, R10, IP65, RoHS

⌚ 3 Year



5587A-MG

Amber

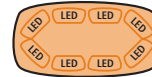
12-24

5.1

Magnet

SAE J845 Class I, CE, R10

3 Year



5587A-VM

Amber

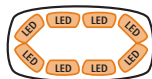
12-24

5.1

Vacuum-Magnet

SAE J845 Class I, CE, R10

3 Year



5587CA

C Illuminates Amber

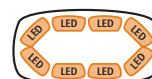
V 12-24

A 5.1

X 4 Bolt

⊙ SAE J845 Class I, Cal. Title 13, CE, R10, IP65, RoHS

⌚ 3 Year



5587CA-MG

Illuminates Amber

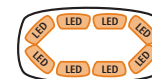
12-24

5.1

Magnet

SAE J845 Class I, Cal. Title 13, CE, R10

3 Year



5587CA-VM

Illuminates Amber

12-24

5.1

Vacuum-Magnet

SAE J845 Class I, Cal. Title 13, CE, R10

3 Year

AVAILABLE COLORS

Amber, Clear, Amber/Clear

(MG models amber & amber/clear only)



DIMENSIONS

2.5 [63] H x 15 [381] W x 9 [229] D

3.1 [79] H including vacuum-magnet

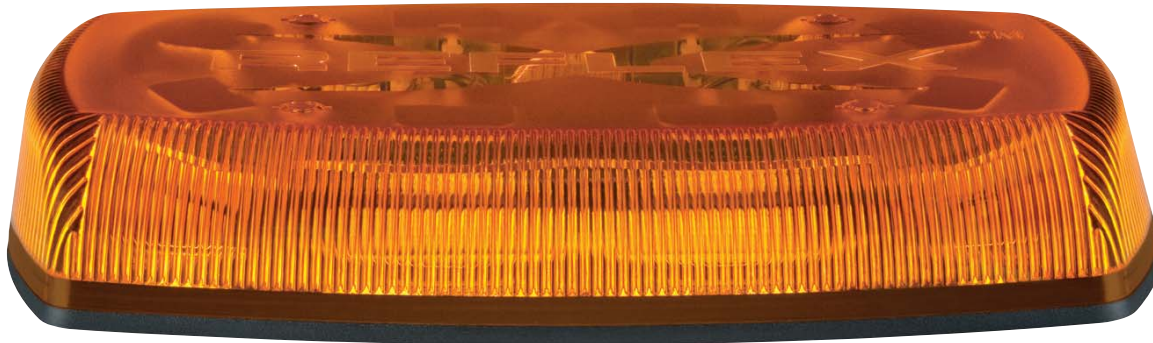
DOMES

EZ5507LX

Replace 'X' with A=Amber, C=Clear



minibars LED



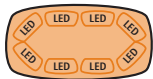
5580 Reflex®

SAE Class II LED, 15"

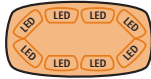
Lenticular optic lens with reflective LED modules

18 flash patterns and synchronization capable

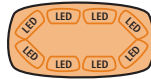
Cigarette plug adapter with on/off and flash pattern switches (magnet models)



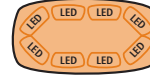
5580A
C Amber
V 12-24
A 2.7
X 4 Bolt
 ⓘ SAE J845 Class II, CE, R10
 IP65, RoHS
 ⌚ 3 Year



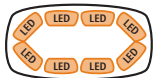
5580A-MG
 Amber
 12-24
 2.7
 Magnet
 SAE J845 Class II, CE, R10
 3 Year



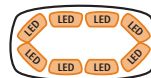
5580A-VM
 Amber
 12-24
 2.7
 Vacuum-Magnet
 SAE J845 Class II, CE, R10
 3 Year



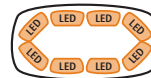
5580A-HBT
 Amber
 12-24
 2.7
 High Bond Tape
 SAE J845 Class II, CE
 R10, RoHS
 3 Year



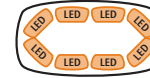
5580CA
 Illuminates Amber
 12-24
 2.7
 4 Bolt
 ⓘ SAE J845 Class II, CE, R10
 IP65, RoHS
 ⌚ 3 Year



5580CA-MG
 Illuminates Amber
 12-24
 2.7
 Magnet
 SAE J845 Class II, CE, R10
 3 Year



5580CA-VM
 Illuminates Amber
 12-24
 2.7
 Vacuum-Magnet
 SAE J845 Class II, CE, R10
 3 Year



5580CA-HBT
 Illuminates Amber
 12-24
 2.7
 High Bond Tape
 SAE J845 Class II, CE
 R10, RoHS
 3 Year

AVAILABLE COLORS

Amber



DIMENSIONS

2.5 [63] H x 15 [381] W x 9 [229] D
 3.1 [79] H including vacuum-magnet

DOMES

R5500LX
 Replace 'X' with A=Amber, C=Clear



minibars LED

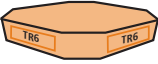


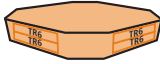

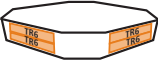






DuoBEAM™ Series **NEW**

SAE Class I LED Minibars

High Intensity LED Modules

19 flash patterns (single color or dual color)

					
#	21-DB001-E	21-DB002-E	21-DB003-E	21-DB004-E	21-DB005-E
C	Amber	Clear	Clear/Amber	Amber/Amber/Amber	Clear/Clear/Clear
V	12	12	12	12	12
A	2.0	2.0	2.0	4.0	4.0
X	4 Bolt	4 Bolt	4 Bolt	4 Bolt	4 Bolt
⊙	SAE J845 Class I, Cal. Title 13	SAE J845 Class I, Cal. Title 13	SAE J845 Class I, Cal. Title 13	SAE J845 Class I, Cal. Title 13	SAE J845 Class I, Cal. Title 13
⌚	3 Year	3 Year	3 Year	3 Year	3 Year
					
#	21-DB006-E	21-DB007-E	27-DB001-E	27-DB002-E	27-DB003-E
C	Clear/Amber/Amber	Clear/Amber/Clear	Amber	Clear	Clear/Amber
V	12	12	12	12	12
A	4.0	4.0	6.4	6.4	6.4
X	4 Bolt	4 Bolt	4 Bolt	4 Bolt	4 Bolt
⊙	SAE J845 Class I, Cal. Title 13	SAE J845 Class I, Cal. Title 13	SAE J845 Class I, Cal. Title 13	SAE J845 Class I, Cal. Title 13	SAE J845 Class I, Cal. Title 13
⌚	3 Year	3 Year	3 Year	3 Year	3 Year

AVAILABLE COLORS

Amber, Clear, Amber/Clear



DIMENSIONS

3.3 [83] H x 10.3 [261] W x 10.3 [261] D



minibars LED

ADDITIONAL COLORS & CUSTOM CONFIGURATIONS AVAILABLE



21-00003-E (back view)

21 Series SAE Class I LED, 22"

Low-profile chassis

Three, four, six, nine, and 18 TIR LED modules

Integrated LED Safety Director™

19 flash patterns (independent flashing)

Aluminum chassis, polycarbonate base and lens

Magnet mount available for 22" lightbars (EZ2122MG)

SYMBOLS

6 LED Warning Module

4 LED Warning Module

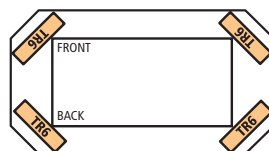
AVAILABLE COLORS

Amber, Blue, Green, Red & White

DIMENSIONS

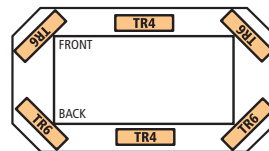
2.1 [53] H x 12.3 [312] W

TIR Optic



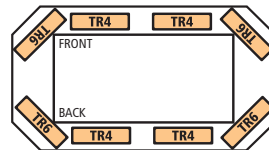
22" # 21-00001-E

- C** Amber
- T** 4 LEDs
- V** 12
- A** 2.0
- ☑ SAE J845 Class I, Cal. Title 13
- 🕒 5 Year



22" # 21-00002-E

- C** Amber
- T** 6 LEDs
- V** 12
- A** 3.0
- ☑ SAE J845 Class I, Cal. Title 13
- 🕒 5 Year



22" # 21-00003-E

- C** Amber
- T** 8 LEDs
- V** 12
- A** 4.0
- ☑ SAE J845 Class I, Cal. Title 13
- 🕒 5 Year



minibars LED

ADDITIONAL COLORS & CUSTOM CONFIGURATIONS AVAILABLE



27-00003-E (back view)

27 Series SAE Class I LED 22"

Medium-profile chassis

Three, eight, 12, and 22 reflective LED modules

Integrated LED Safety Director™

19 flash patterns (independent flashing)

Aluminum chassis, polycarbonate base and lens

Magnet mount available for 22" lightbars (EZ2122MG)

SYMBOLS

12 LED Warning Module

8 LED Warning Module

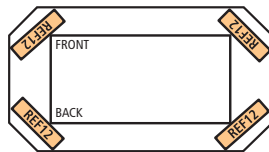
AVAILABLE COLORS Amber, Blue, Red & White



DIMENSIONS

2.7 [69] H x 12.2 [310] W

REFLECTIVE



22" # 27-00001-E

C Amber

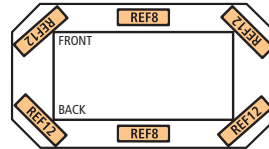
T 4 LEDs

V 12

A 2.0

SAE J845 Class I, Cal. Title 13

5 Year



22" # 27-00002-E

C Amber

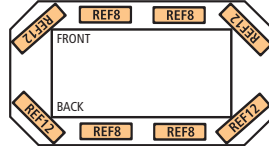
T 6 LEDs

V 12

A 3.0

SAE J845 Class I, Cal. Title 13

5 Year



22" # 27-00003-E

C Amber

T 8 LEDs

V 12

A 4.0

SAE J845 Class I, Cal. Title 13

5 Year



lightbars LED

ADDITIONAL COLORS & CUSTOM CONFIGURATIONS AVAILABLE



15-00019-E (back view)

15 Series LED Lightbar, 23"

Available with TIR Optic or Reflective LED modules
 Alternating or simultaneous flash (quad)
 2" height profile
 Aluminum base

SYMBOLS

LED Warning Module

Additional modules available for custom configuration.

LED

DIMENSIONS

2 [53] H x 12 [305] W
 2.1 [53] H x 23.2 [590] W x 12.2 [310] D (22" lightbar)

Controller
 2 [50] H x 3.5 [90] W x 0.5 [8] D

AVAILABLE COLORS

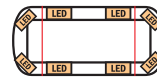
Amber

23"

TIR Optic

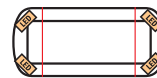


15-00011-E
 Illuminates Amber
 12
 0.8
 80 FPMx4
 4 Bolt
 2 Year Lightbar
 5 Year Electrical

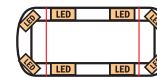


15-00015-E
 Illuminates Amber
 12
 1.6
 80 FPMx4
 4 Bolt
 2 Year Lightbar
 5 Year Electrical

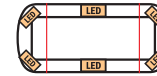
REFLECTIVE



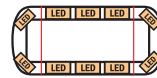
15-01423-E
 Illuminates Amber
 12
 2.8
 80 FPMx4
 4 Bolt
 2 Year Lightbar
 5 Year Electrical



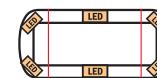
15-01428-E
 Illuminates Amber
 12
 5.6
 80 FPMx4
 4 Bolt
 2 Year Lightbar
 5 Year Electrical



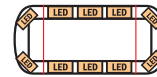
15-00013-E
 Illuminates Amber
 12
 1.2
 80 FPMx4
 4 Bolt
 2 Year Lightbar
 5 Year Electrical



15-00019-E
 Illuminates Amber
 12
 2.0
 80 FPMx4
 4 Bolt
 2 Year Lightbar
 5 Year Electrical



15-01427-E
 Illuminates Amber
 12
 4.2
 80 FPMx4
 4 Bolt
 2 Year Lightbar
 5 Year Electrical



15-01429-E
 Illuminates Amber
 12
 7.0
 80 FPMx4
 4 Bolt
 2 Year Lightbar
 5 Year Electrical



minibars LED



5280 RotoLED™ SAE Class I LED Hybrid, 13"

No gears, brushes, or bulbs to wear out

LED optics produce intense rotating beam

UV hard-coated lens reduces abrasion, cracking and fading



- # 5280A
- C Amber
- V 12-24
- A 4.0
- F 360 FPM
- X 4 Bolt
- ✓ SAE J845 Class I
- CE, R10, IP67
- 🕒 5 Year



- 5280A-MG
- Amber
- 12-24
- 4.0
- 360 FPM
- Magnet
- SAE J845 Class I
- CE, R10, IP67
- 5 Year

AVAILABLE COLORS

Amber



DIMENSIONS

5.8 [146] H x 13.3 [337] W x 6.3 [160] D



beacons strobe & rotating

5350

SAE Class II Strobe, 15"



- # 5350AAA
- C Amber
- V 12-48
- A 3.0
- F 80 FPMx2, 65 FPMx4
- J 7 Jx2, 10 Jx4
- X 4 Bolt
- ⊗ CE (SAE J1318 Class II 5350CAA model only)
- ⌚ 2 Year Strobe, 6 Month Tube



- # 5350AAA-VM
- C Amber
- V 12-24
- A 3.0
- F 80 FPMx2
- J 7 Jx2
- X Vacuum-Magnet
- ⊗ CE (SAE J1318 Class II 5350CAA model only)
- ⌚ 2 Year Strobe, 6 Month Tube

AVAILABLE COLORS

Amber



DIMENSIONS

5.8 [147] H x 15.7 [400] W
x 8.3 [210] D
6.2 [157] H including vacuum-magnet

FLASHTUBE

R6501FT

DOMES

R5300LX

LENSES

R6050LA

5315

SAE Class I Rotator, 15"



- # 5315A
- C Amber
- V 12-48
- A 8.6
- F 300 FPM
- X 4 Bolt
- ⊗ SAE J845 Class I California Title 13
- ⌚ 2 Year Rotator, 3 Month Bulb



- # 5315A-VM
- C Amber
- V 12-48
- A 8.6
- F 300 FPM
- X Vacuum-Magnet
- ⊗ SAE J845 Class I California Title 13
- ⌚ 2 Year Rotator, 3 Month Bulb

AVAILABLE COLORS

Amber



DIMENSIONS

5.8 [147] H x 15.7 [400] W
x 8.3 [210] D
6.2 [157] H including vacuum-magnet

BULB

R5012BH 12V
R5024BH 24V

DOMES

R5300LA



accessories

Beacon Lenses



7960 Series
R7960LA - Amber
R7960LB - Blue
R7960LC - Clear
R7960LG - Green
R7960LR - Red



7100 Series
R7160LA - Amber
R7160LB - Blue
R7160LC - Clear
R7160LG - Green
R7160LR - Red



7900/6700/6600/6500
R6050LA - Amber
R6050LB - Blue
R6050LC - Clear
R6050LG - Green
R6050LR - Red



7900/6700/6600/6500
R6070LA - Amber
R6070LB - Blue
R6070LC - Clear
R6070LG - Green
R6070LR - Red



6410 / 6465
R6400LA - Amber
R6400LB - Blue
R6400LC - Clear
R6400LG - Green
R6400LR - Red



6220 Strobe
R6220LA - Amber



6200 Series LED
R6260LA - Amber
R6260LB - Blue
R6260LC - Clear
R6260LR - Red



5800 Series
R5810LA - Amber



5800 Series
R5840LA - Amber

Minibar Domes / Lenses



70 Series - 22" Lens
5315/5350 - 15"
R6050LA - Amber



70 Series - 22" Filter
5315/5350 - 15"
A5000FA - Amber



5315/5350 - 15"
R5300LA - Amber



5580/5585 15" Dome
R5500LA - Amber
R5500LC - Clear



5590 15" Dome
R5590LA - Amber
R5590LC - Clear



5587/5597 15" Dome
EZ5507LA - Amber
EZ5507LC - Clear



5545/5550 11" Dome
R5545LA - Amber
R5545LC - Clear



15 Series - All Models
R159-901X - End Upper
R309-902C - End Lower
R109-906X - Center Upper Long
R209-907C - Center Lower Long



21 Series - All Models
EZ2127U22X - 22" Upper Lens
EZ21L22C - 22" Lower Lens



27 Series - All Models
EZ2127U22X - 22" Upper Lens
EZ22L22C - 22" Lower Lens

accessories

Light Source Components



EZ21IF4X - Module
Front/rear TR4 LED module - independent flashing (A, B, G, R, W)
Used with 21 & DuoBEAM Series



EZ21IF6X - Module
Corner TR6 LED module - independent flashing (A, B, G, R, W)
Used with 21 & DuoBEAM Series



EZ27IF8SX - Module
Front/rear REF8 LED module - steady burn (A, B, R, W)
Used with 27 & DuoBEAM Series



EZ27IF12X - Module
Front/rear REF12 LED module - independent flashing (A, B, R, W)
Used with 27 & DuoBEAM Series



A109-924X - Module
Front/rear TIR module w/pigtail (A, B, C, R)
Used with 15 Series



A159-938X - Module
Corner TIR module w/pigtail (A, B, C, R)
Used with 15 Series



EZ0001X - Module
Front/rear reflective module (A, B, C, R)
Used with 10 & 15 Series



EZ0002X - Module
Corner reflective module (A, B, C, R)
Used with 10 & 15 Series



R5015MGA - Assembly
Motor gear rotator 12V
Used with 5315 Series



R5101RA - Assembly
Belt drive rotator 12V
Used with 5135



R5800RA - Assembly
Belt drive rotator 12V
Used with 5800 Series



R6004RA - Assembly
Belt drive rotator 12V
Used with 60 Series



R6004STT - Assembly
Stop-Tail-Indicator lamp
Used with 60 Series



R6002WL - Assembly
Worklamp
Used with 60 Series



R5100RF
Rotator belt/reflector
Used with R5101RA, R5800RA, R6004RA, 5135, 5800 & 60 Series rotators



R5300RF
Rotator reflector
Used with R5015MGA & 5315 Series rotators



A5000FX
Rotator filter (A, B, R)
Used with R5015MGA & 5315 Series



R5101B / R5801B
Rotator belt/reflector
R5101B used with R5101RA, R6004RA, 5135 & 60 Series rotators
R5801B used with R5800RA & 5800 Series



R6501FT - Flashtube
Helical (360° strobes)
Used with 5150, 5350, 6500, 6600, 6700, 6900 & 60 Series 360° strobes



R9000FT - Flashtube
Helical (directional strobes)
Used with 60 Series directional strobes



R6410FT - Flashtube
'U' (industrial 360° strobe)
Used with 6410



R6200FT - Flashtube
Linear (industrial 360° strobe)
Used with 6220, 6225 & 6226



R5812BH - Bulb
Halogen 12V H1
Used with 5135, 5800, 60 Series rotators



R5012BH - Bulb
Halogen 12V Bayonet
Used with 5315 Series rotators & 60 Series directional halogens



R5024BH - Bulb
Halogen 24V Bayonet
Used with 5315 Series rotators



E94001 - Bulb
H3 Bulb 12V, 55W
E94002 - Bulb
H3 Bulb 24V, 70W
Used with halogen worklamps



accessories

Guards & Covers



A6050BG
5" Branch guard
Used with 6550, 6650, 6710, 6750, 7160, 7930, 7945, 7965 & 7975



A6070BG
7" Branch guard
Used with 6570, 6670, 6720, 6770, 7935, 7950, 7960, 7970 & 7980



A6090BG
7" High base branch guard
Used with 6690



A6220BG / 6400
Branch guard
A6220BG used with 6200 Series
A6400BG used with 6400 Series



A6501BT
Black top
Used with 6500, 6600, 6700, 6900 & 7900 Series



A6520BG
5" J-Bolt
Used with 6520



A6050DC
5" Dust cover
Used with 6550, 6650, 6710, 6750, 7930, 7945, 7965 & 7975



A6070DC
7" Dust cover
Used with 6570, 6670, 6690, 6770, 7935, 7950, 7970 & 7980



A6400HC
1/2 Lens cover
Used with 6400 Series



A6600HT
1/2 Lens cover
Used with 6550, 6650, 6710, 6750, 7930, 7945, 7965 & 7975

Cables & Plugs

cables y enchufes | câbles et prises



R5135CP
17' Cigarette Cord & Plug
Used with 5813-MG



R5300CP
17' Cigarette Cord & Plug
Used with 5315-VM



R5150CP
15' Cigarette Cord & Plug
Used with 5350-VM



R5500CP
15' Cigarette Cord & Plug
Used with 5500 Series



R6600CP
15' Cigarette Cord & Plug
Used with A6600MK, 6400, 6500, 6600 & 7900 Series

Switches & Controls



E22127SB
Switch box - 3 level slide, 6 switch 12V
Used with all Beacons and Minibars



A9000
Switchbox - 6 switch 12V
Used with all Beacons and Minibars



A9891
Illuminated 12V-Amber-SPST
Used with all Beacons and Minibars



A9893
Switch panel - single slot (excludes switch)
Used with all Beacons and Minibars



A9904
Bracket mounting kit
Used with all Beacons and Minibars



A9905SW
On/off & flash pattern switches
Used with all Beacons and Minibars



A9660SW
Remote strobe switch
Used with all Beacons and Minibars



A9901
Illuminated 12V
Used with all Beacons and Minibars



A9902
Bracket - end section
Used with all Beacons and Minibars



A9903
Bracket - center section
Used with all Beacons and Minibars

Dome Clips



E22127LC
Lens retaining clip
Used with 21/27 & DuoBEAM Series

accessories

Mounting Hardware



A5850TB
T Bracket DIN Pole Mount
Used with 5810 & 5850



A5850LB
L Bracket DIN Pole Mount
Used with 5810 & 5850



A6400MB
1" Pipe Mirror Bracket
Used with 6550, 6570, 7460,
7945 & 7950



A6400MBP
Mirror Bracket Adapter Plate
Used with 6200 & 6400 Series
(use with A6400MB)



A7660PF
1" Pipe Mount Flange
Used with 7600 Series



A6520HW
J-Bolt Installation Kit
Used with 6520 & 6530



A6600VDK
Vibration Damping Mount Kit
Used with 6500, 6600, 6700, 6900,
7100, 7400, 7600 & 7900 Series



A6600SLB
Self-Leveling Bracket
Used with 6500, 6600, 6700, 6900,
7100, 7400, 7600 & 7900 Series



A5300VMK
Vacuum-Magnet Mount Kit
Used with 5100 & 5300 Series



A5545VMK
Vacuum-Magnet Mount Kit
Used with 5550 & 5545



A5500VMK
Vacuum-Magnet Mount Kit
Used with 5500 Series



A6000VMK
Vacuum-Magnet Mount Kit
Used with 6500, 6600, 6900, 7100,
7400, 7600 & 7900 Series



A7660VMK
Vacuum-Magnet Mount Kit
Used with 7400 & 7600 Series



A6600MK
Magnet Mount Kit
Used with 6500, 6600, 6900, 7100,
7400, 7600 & 7900 Series



A7660MK
Magnet Mount Kit
(Requires A7660PF
for use with 7600 Series)
Used with 7400 & 7600 Series



A7180VMK
Vacuum-Magnet Mount Kit
Used with EB7180 (5A fuse)



A7185VMK
Vacuum-Magnet Mount Kit
Used with EB7185 (15A fuse)



A5300M
2 3/8" Magnet
Used with 5280MG & 5315MG



R6600M
3" Magnet
Used with A6600MK



A6600MC
Magnet Cover
Used with A6600MK



EZ21DBPM
Pylon Mount Kit
Used with 21/27 Series & DuoBEAM



EZ21DBMM
Mirror Mount Kit
Used with 21/27 Series & DuoBEAM



EZ21DBMG
Magnet Mount Kit
Used with 21/27 Series & DuoBEAM



A2127HRMK
Headache Rack Bracket
Used with 21/27 Series & DuoBEAM



A2127FT
Standard Feet Kit
Used with 21/27 Series & DuoBEAM



A5005RMK
Rubber Feet Kit
Used with 15 Series



A5500HBTK
High Bond Tape Kit
Used with 5580, 5585, 5587,
5590, 5597



A6000HBTK
High Bond Tape Kit
Used with 5550, 5545 &
6500, 6900, 7900 Series



A6465HBTK
High Bond Tape Kit
Used with 6465



A6520FM
Flush Mount Base
Used with 6520 & 6530



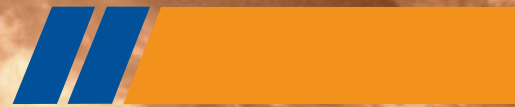
part number index

BEACONS	PART #	PAGE #	TYPE	CLASS RATING	AMPS	VDC
		5810	17	Rotator	Class I	4.9
	5813	17	Rotator	Class I	4.9	12
	5816	17	Rotator	Class I	4.9	12
	6220	16	Strobe	Low Intensity	0.6	12-80
	6262	13	LED	Class III	0.47	12-80
	6263	13	LED	Class III	0.47	12-80
	6267	13	LED	Class III	0.47	12-80
	6410	16	Strobe	Low Intensity	0.3	12-80
	6465	12	LED	Class III	1.9	12-80
	6550	15	Strobe	Class II	2.4	12-48
	6570	15	Strobe	Class II	2.4	12-48
	6650	15	Strobe	Class II	2.2	12-24
	6670	15	Strobe	Class II	2.2	12-24
	6690	15	Strobe	Class II	2.2	12-24
	6710	14	Strobe	Class II	1.3	12-48
	6720	14	Strobe	Class II	1.3	12-48
	6750	14	Strobe	Class II	2.6	12-24
	6770	14	Strobe	Class II	2.6	12-24
	7160	9	LED	Class I	2.0	12-24
	7460	9	LED	Class I	3.6	12-36
	7660	7	LED Hybrid	Class I	2.1	12-24
	7945	11	LED	Class II	1.3	12-48
	7950	11	LED	Class II	1.3	12-48
	7960	7	LED	Class I	3.7	12-24
	7965	11	LED	Class I	3.6	12-24
	7970	11	LED	Class I	3.6	12-24
	7975	11	LED	Class I	3.6	12-24
	7980	11	LED	Class I	3.6	12-24
	EB7180	8	LED	Class I	6.2	12-24
	EB7185	8	Dual Color LED	Class I	8.6	12-24
	EB7930	11	LED	Class II	1.3	12-48
	EB7935	11	LED	Class II	1.3	12-48



part number index

MINIBARS	PART #	PAGE #	TYPE	SIZE	CLASS RATING	AMPS	VDC
	5280A	31	LED Hybrid	13"	Class I	4.0	12-24
5315	32	Rotator	15"	Class I	8.6	12	
5350	32	Strobe	15"	Class II	3.0	12-48	
5545	21	LED	11"	Class II	0.7	12-24	
5550	20	LED	11"	Class I	2.7	12-24	
5580	26	LED	15"	Class II	2.7	12-24	
5585	24	LED	15"	Class I	5.1	12-24	
5587	25	LED	15"	Class I	5.1	12-24	
5590	22	LED	15"	Class I	6.0	12-24	
5597	23	LED	15"	Class I	6.0	12-24	
15-00011-E	30	LED	23"	-	0.8	12	
15-00013-E	30	LED	23"	-	1.2	12	
15-00015-E	30	LED	23"	-	1.6	12	
15-00019-E	30	LED	23"	-	2.0	12	
15-01423-E	30	LED	23"	-	2.8	12	
15-01427-E	30	LED	23"	-	4.2	12	
15-01428-E	30	LED	23"	-	5.6	12	
15-01429-E	30	LED	23"	-	7.0	12	
21-00001-E	28	LED	22"	Class I	2.0	12	
21-00002-E	28	LED	22"	Class I	3.0	12	
21-00003-E	28	LED	22"	Class I	4.0	12	
21-DB001-E	27	LED	10"	Class I	2.0	12	
21-DB002-E	27	LED	10"	Class I	2.0	12	
21-DB003-E	27	LED	10"	Class I	2.0	12	
21-DB004-E	27	LED	10"	Class I	4.0	12	
21-DB005-E	27	LED	10"	Class I	4.0	12	
21-DB006-E	27	LED	10"	Class I	4.0	12	
21-DB007-E	27	LED Dual Color	10"	Class I	4.0	12	
27-00001-E	29	LED	22"	Class I	2.0	12	
27-00002-E	29	LED	22"	Class I	3.0	12	
27-00003-E	29	LED	22"	Class I	4.0	12	
27-DB001-E	27	LED	10"	Class I	6.4	12	
27-DB002-E	27	LED	10"	Class I	6.4	12	
27-DB003-E	27	LED	10"	Class I	6.4	12	



LIGHTBARS





contents guide



Lightbars



Light Source Components



Lightbar Domes, Screws & Clips



Switches & Controls



Lightbar Mounting Kits



Part Number Index



The Dirt Magazine

symbol guide



Part Number



Color



Type



Volts



Amps



Lumens



Flashes per minute



Warranty



Mounting



Approvals





certifications

Certifications & Standards

SAE Class (I, II & III) Indicates compliance with the relevant section of the Society of Automotive Engineers' general requirements for warning lights. Specific class ratings indicate the intensity of light produced, Class I being most powerful.

California Title 13 Indicates compliance with California vehicle code requirements.

R65 Indicates compliance with European regulations specifically related to vehicle warning lights.

General

CE Indicates compliance with European regulations specifically related to vehicle warning lights.

R10 Indicates compliance with mandatory European product safety regulations specifically related to electrical products for on-road vehicles (electromagnetic compatibility).

R6 UNECE Regulation 6 is the regulation for direction indicators/turn signals for Europe and other countries that use UNECE Requirements.

R7 UNECE Regulation 7 is the regulation for stop and tail lights for Europe and other countries that use UNECE Requirements.

AXIOS[®]

MODULAR LED LIGHTBAR SYSTEM

The revolutionary Axios[™] modular LED lightbar system takes safety and on-the-job performance to a new level. Choose from seven high-performance LED lighting options with exclusive DropLock[™] technology that feature simple twist-lock placement virtually anywhere in the bar. Backed by a 5-year warranty, it all adds up to a better lightbar without the wait.



DIRECTIONAL
EZ1401X | 12-24 VDC | 0.9 Amps
Amber, Blue, Clear, Green, or Red



BEACON
EZ1402X | 12-24 VDC | 1.0 Amps
Amber, Blue, Clear, Green, or Red

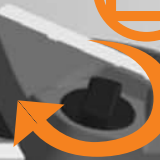


WORKLAMP
EZ1403WL | 12-24 VDC | 0.9 Amps

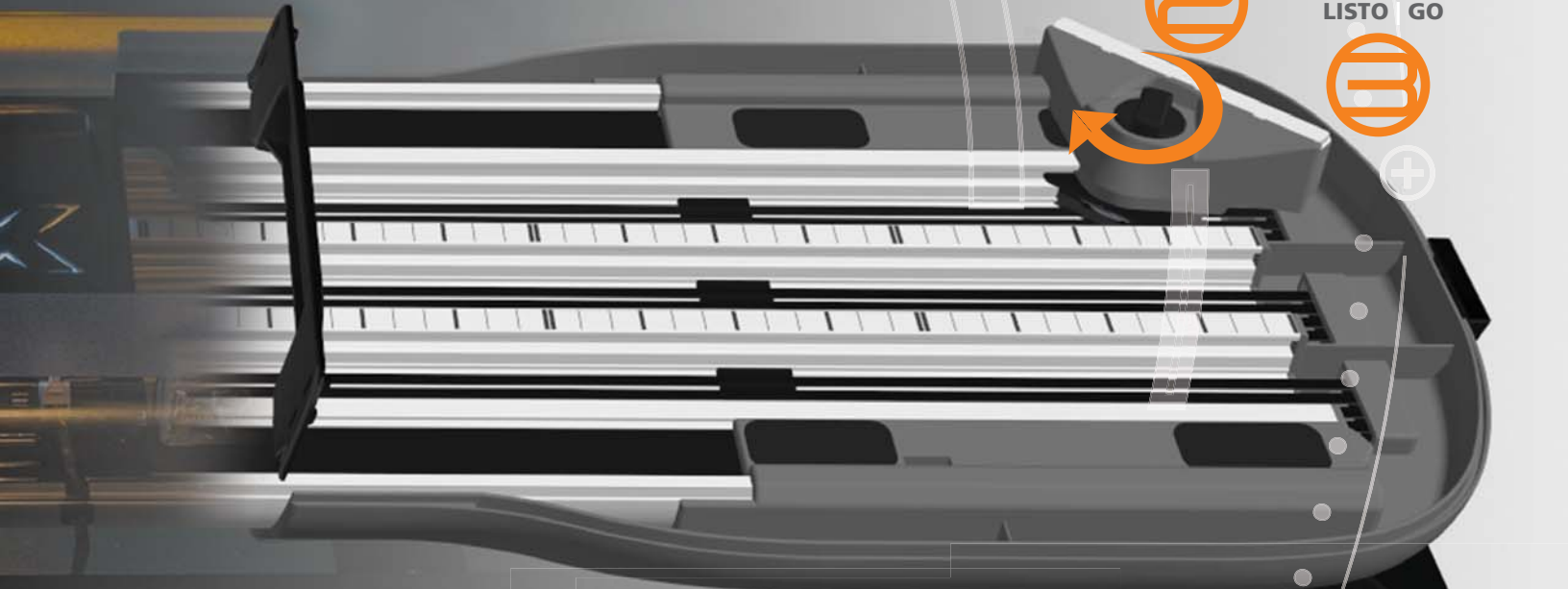
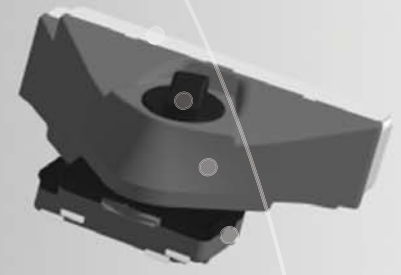
DROP
COLOCAR | DROP



LOCK
AJUSTAR | LOCK



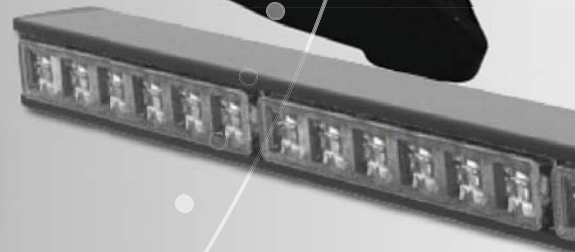
GO
LISTO | GO



ALLEY LIGHT
EZ1403AL | 12-24 VDC | 0.9 Amps



STOP-TAIL-TURN
EZ1404 | 12-24 VDC | 0.3 Amps



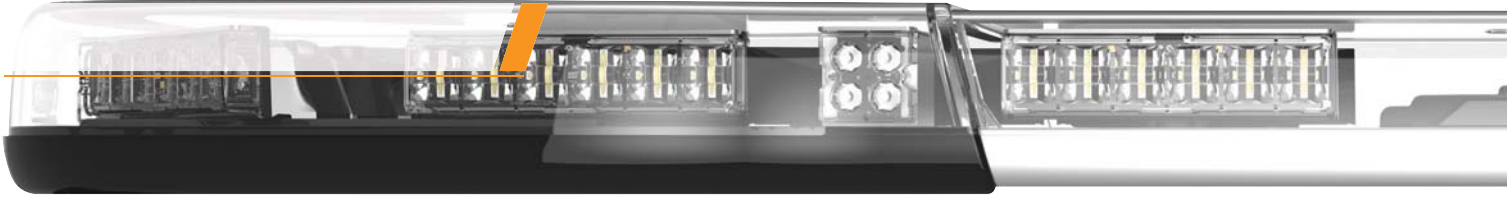
SAFETY DIRECTOR™
EZ1414 | 12-24 VDC | 2.5 Amps



modular lightbars

EASY UPGRADE

ADDITIONAL COLORS & CUSTOM CONFIGURATIONS AVAILABLE



14 Series Axios[®] SAE Class I Modular LED Lightbar

Modules easily installed, reconfigured or upgraded via DropLock™ power rail system

Supplied with in-cab controller

Seven LED module options (details on page 10)

29 flash patterns

Aluminum chassis, polycarbonate base and lens

SYMBOLS

LED LED Warning Module

STTT LED Stop-Tail-Turn

LED Worklamps

W LED Alley Lights

Safety Director™

A

AVAILABLE COLORS

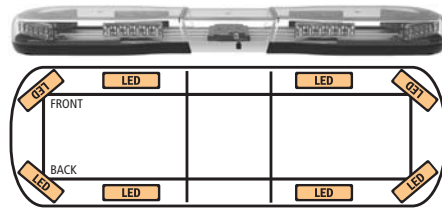
Amber, Blue, Green, Red & White



DIMENSIONS

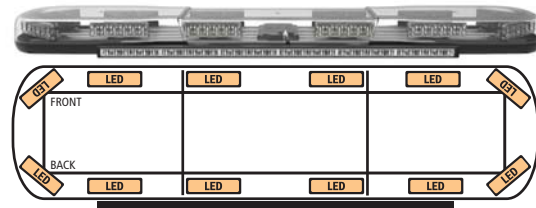
3 [76] H x 10.5 [267] W

Controller
2.4 [61] H x 5.5 [140] W x 0.6 [15] D



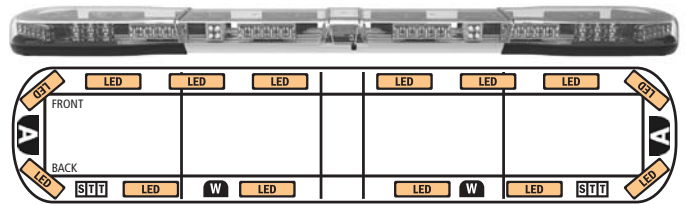
39" # 14-00005-E

- C** Amber
- T** 8 LEDs
- V** 12-24
- A** 7.2
- ⊗ SAE J845 Class I, Cal. Title 13, R65, R10
- ⌚ 5 Year



48" # 14-00006-E

- C** Amber
- T** 12 LEDs, 1 Safety Director
- V** 12-24
- A** 13.3
- ⊗ SAE J845 Class I, Cal. Title 13, R65, R10
- ⌚ 5 Year

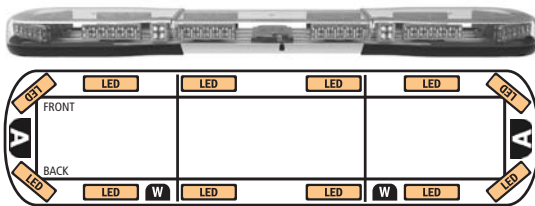
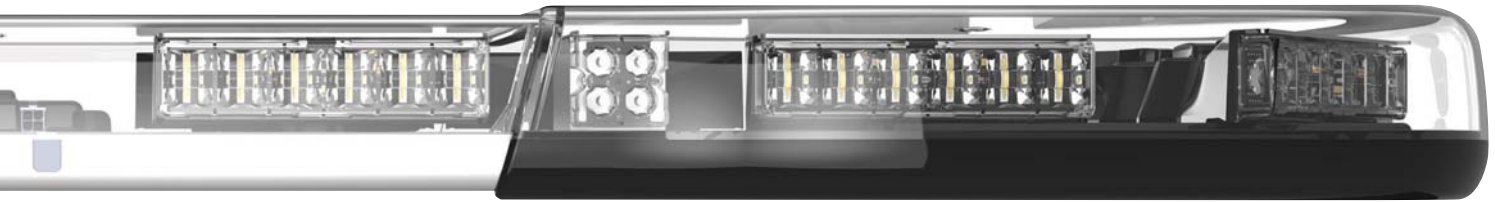


60" # 14-00003-E

- C** Amber
- T** 14 LEDs, 2 WL, 2 AL, 2 STT
- V** 12-24
- A** 16.8
- ⊗ SAE J845 Class I, Cal. Title 13, R65, R10, R6 & R7
- ⌚ 5 Year



modular lightbars



48"

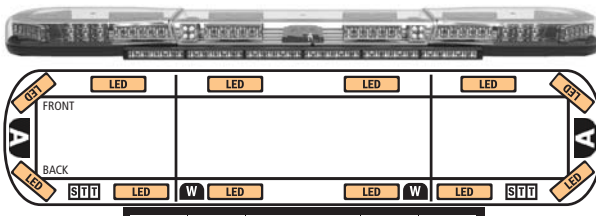
14-00001-E

- C Amber
- T 12 LEDs, 2 WL, 2 AL
- V 12-24
- A 14.4
- Ⓢ SAE J845 Class I, Cal. Title 13, R65, R10
- Ⓟ 5 Year

INCLUDED CONTROLLER



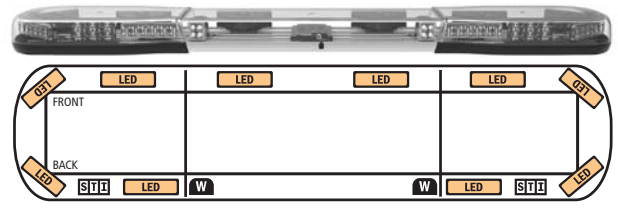
EZ1405 The included controller provides convenient and easy control of the 29 built-in flash patterns and auxiliary LED modules (where applicable). Simply plug-n-play. Each lightbar is shipped with 'controller ready' wiring for fast, easy installation.



54"

14-00002-E

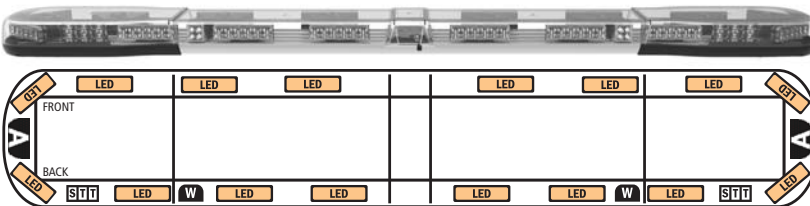
- C Amber
- T 12 LEDs, 2 WL, 2 AL, 2 STT, 1 Safety Director
- V 12-24
- A 17.5
- Ⓢ SAE J845 Class I, Cal. Title 13, R65, R10, R6 & R7
- Ⓟ 5 Year



54"

14-00007-E

- C Amber
- T 10 LEDs, 2 WL, 2 STT
- V 12-24
- A 11.4
- Ⓢ SAE J845 Class I, Cal. Title 13, R65, R10, R6 & R7
- Ⓟ 5 Year



72"

14-00004-E

- C Amber
- T 16 LEDs, 2 WL, 2 AL, 2 STT
- V 12-24
- A 18.6
- Ⓢ SAE J845 Class I, Cal. Title 13, R65, R10, R6 & R7
- Ⓟ 5 Year



modular lightbars

EASY UPGRADE

ADDITIONAL COLORS & CUSTOM CONFIGURATIONS AVAILABLE



14 Series Axios®

DropLock™ LED Modules

Seven LED module options for use with Axios® lightbars

No tools convenience makes building, reconfiguring or upgrading lightbars fast and easy



EZ1401A
C Amber
T Directional LED

- V** 12-24
- A** 0.9
- ✓** SAE J845 Class I, Cal. Title 13, R10, R65
- ⌚** 5 Year

AVAILABLE COLORS
Amber, Blue, Green, Red & White



EZ1402A
Amber
Beacon LED

- 12-24
- 1.0
- SAE J845 Class I, R10, R65
- 5 Year

AVAILABLE COLORS
Amber, Blue, Green, Red & White



EZ1414
Amber
LED Safety Director

- 12-24
- 2.5
- SAE J595 Class I R10
- 5 Year

AVAILABLE COLORS

Amber



EZ1403WL
C Clear
T LED Worklamp

- V** 12-24
- A** 0.9
- ✓** 900 Lumens
- R10
- ⌚** 5 Year



EZ1403AL
Clear
LED Alley Light

- 12-24
- 0.9
- 900 Lumens
- R10
- 5 Year



EZ1404R
Red
LED Stop-Tail-Turn

- 12-24
- 0.3
-
- R10, R6, R7
- 5 Year



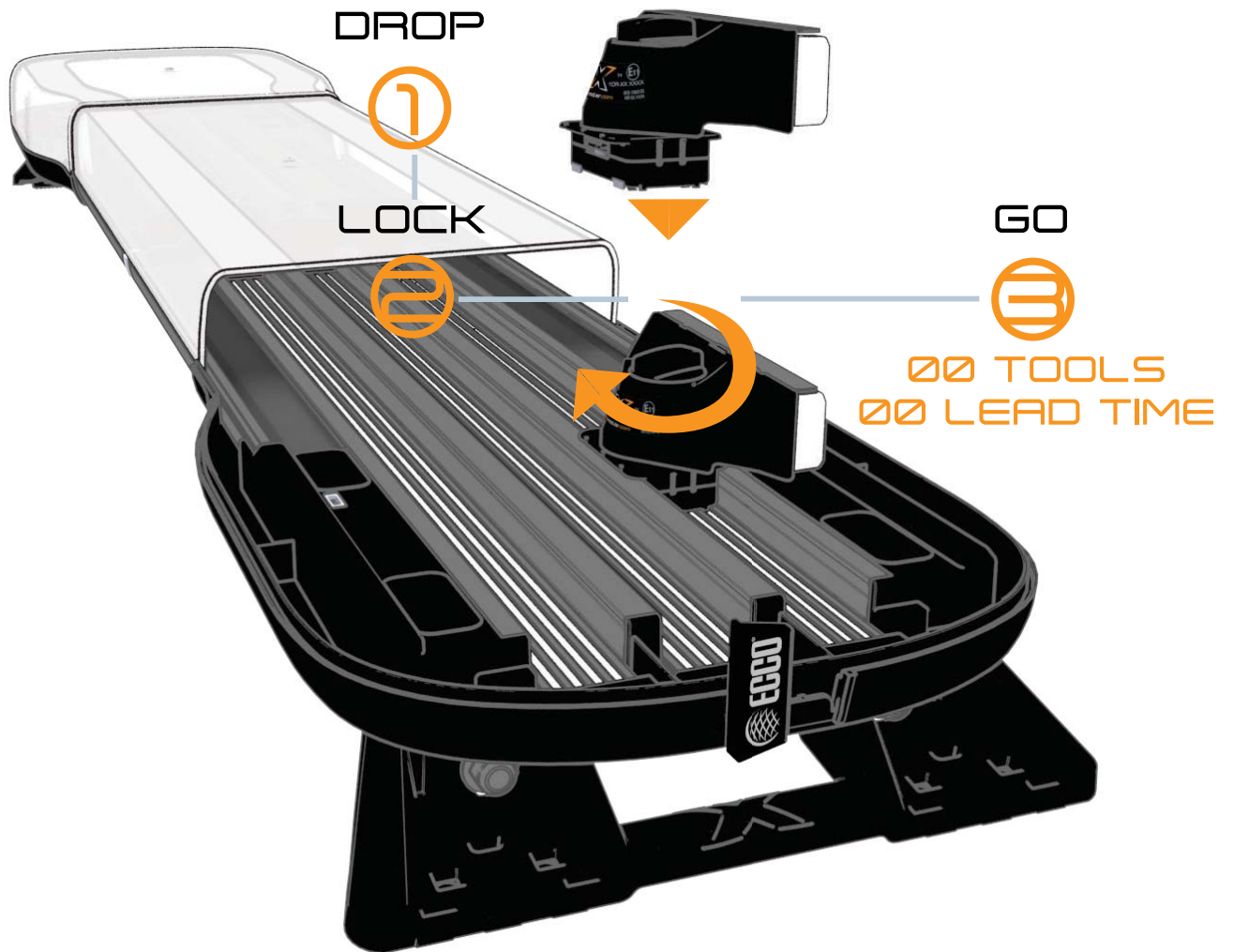
EZ1411 (48-72)
Opal
Center Illumination

- 12-24
- 0.3-1.4
-
- R10
- 5 Year

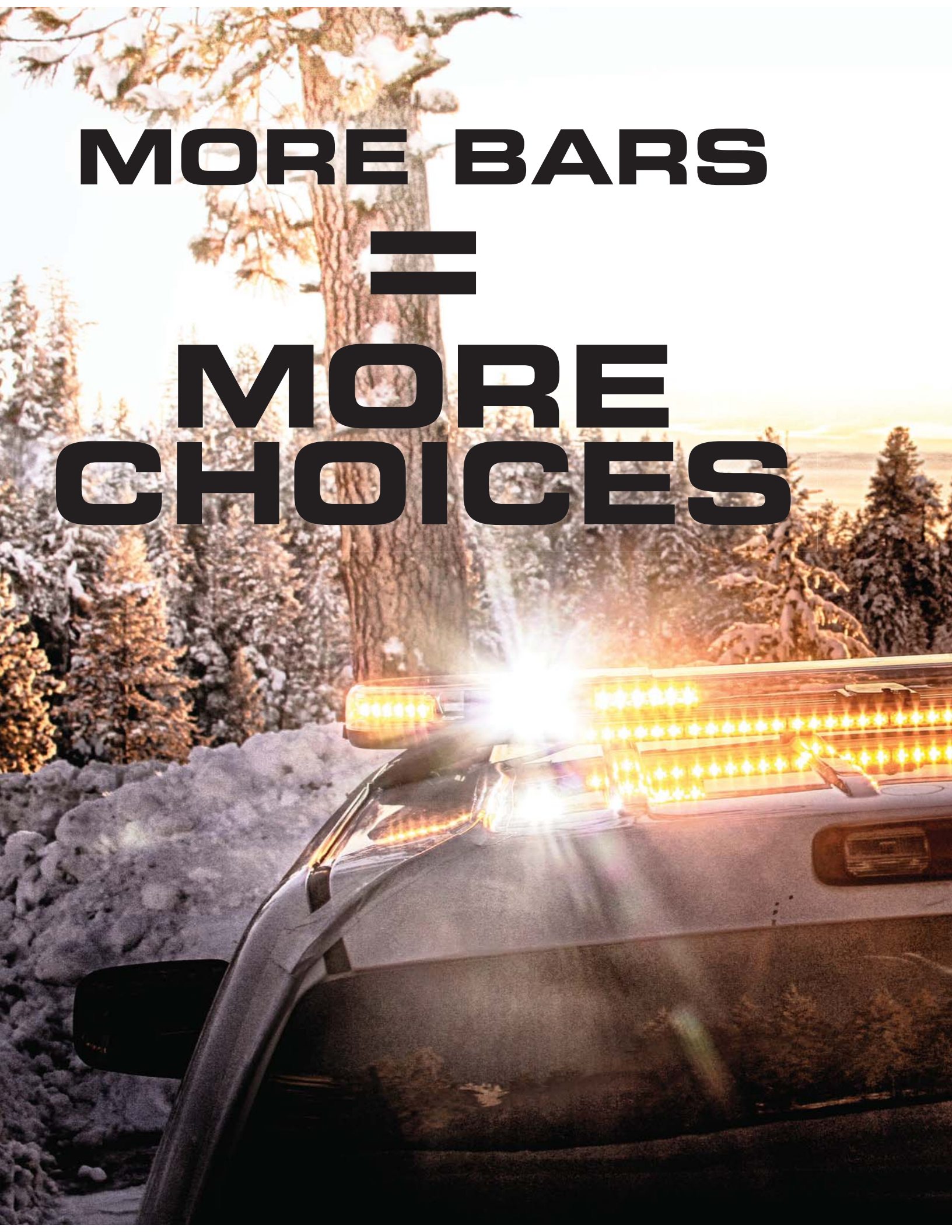


modular lightbars

safety director™



MORE BARS
=
MORE CHOICES





21 Series



27 Series



12 Series



15 Series





lightbars LED

EASY CUSTOMIZATION

ADDITIONAL COLORS & CUSTOM CONFIGURATIONS AVAILABLE



21 Series

SAE Class I LED Lightbar

Low-profile chassis

Three, four, six, nine, and 18 TIR LED modules

Integrated LED Safety Director™

19 flash patterns (independent flashing) or
31 flash patterns (centrally controlled)

Aluminum chassis, polycarbonate base and lens

Magnet mount available for 22" lightbars (EZ2122MG)

SYMBOLS

- TR6 6 LED Warning Module
- TR4 4 LED Warning Module
- TR3 3 LED Warning Module
- STT LED Stop-Tail-Turn
- W LED Worklamps
- TR Integrated LED Safety Director
- A LED Alley Lights

AVAILABLE COLORS

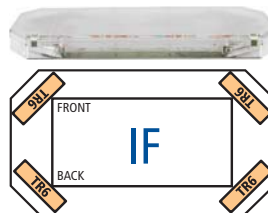
Amber, Blue, Green, Red & White



DIMENSIONS

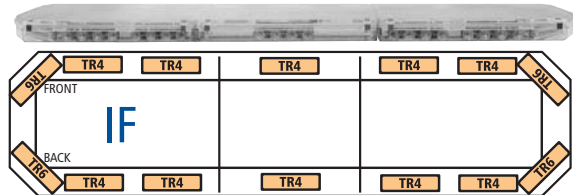
2.1 [53] H x 12.3 [312] W

TIR Optic



22" # 21-00001-E

- C** Amber
- T** 4 LEDs
- V** 12
- A** 2.0
- ☑ SAE J845 Class I, Cal. Title 13
- 🕒 5 Year



47" # 21-00004-E

- C** Amber
- T** 14 LEDs
- V** 12
- A** 7.0
- ☑ SAE J845 Class I, Cal. Title 13
- 🕒 5 Year



52" # 21-00007-E

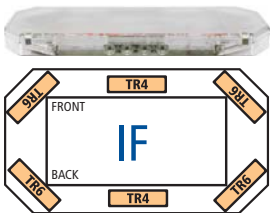
- C** Amber
- T** 10 LEDs, 2 STT, 2 WL
- V** 12
- A** 8.0
- ☑ SAE J845 Class I, Cal. Title 13
- 🕒 5 Year



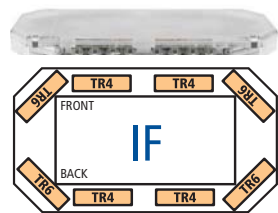
lightbars LED



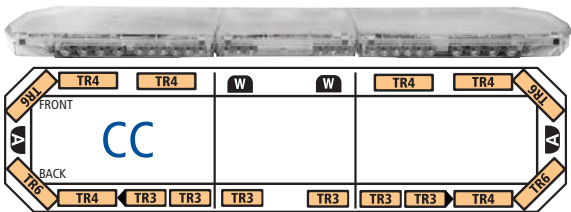
21-00008-E (back view)



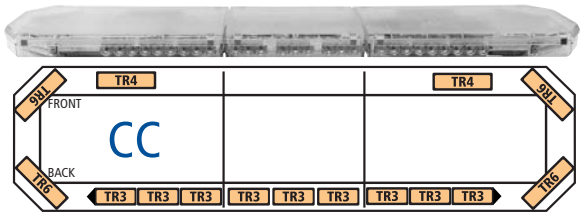
22" # 21-00002-E
C Amber
T 6 LEDs
V 12
A 3.0
 ☑ SAE J845 Class I, Cal. Title 13
 ⌚ 5 Year



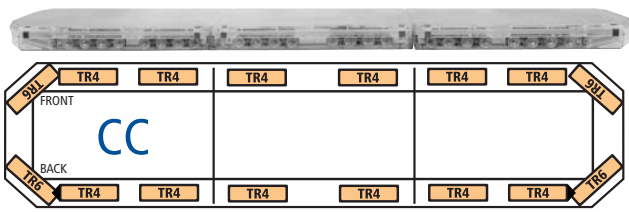
22" # 21-00003-E
C Amber
T 8 LEDs
V 12
A 4.0
 ☑ SAE J845 Class I, Cal. Title 13
 ⌚ 5 Year



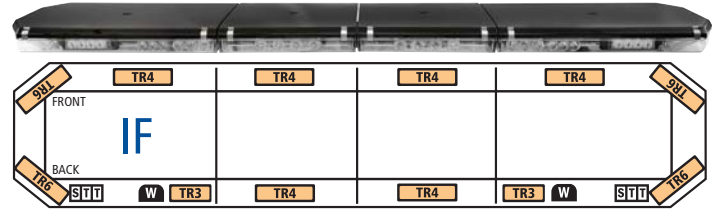
47" # 21-00005-E
C Amber
T 16 LEDs, 2 AL, 2 WL, 6 Module Safety Director
V 12
A 12.0
 ☑ SAE J845 Class I, Cal. Title 13
 ⌚ 5 Year



47" # 21-00006-E
C Amber
T 15 LEDs, 9 Module Safety Director
V 12
A 7.5
 ☑ SAE J845 Class I, Cal. Title 13
 ⌚ 5 Year



52" # 21-00009-E
C Amber
T 16 LEDs, 6 Module Safety Director
V 12
A 8.0
 ☑ SAE J845 Class I, Cal. Title 13
 ⌚ 5 Year



58" # 21-00008-E
C Amber
T 12 LEDs, 2 STT, 2 WL
V 12
A 9.0
 ☑ SAE J845 Class I, Cal. Title 13
 ⌚ 5 Year



lightbars LED

EASY CUSTOMIZATION

ADDITIONAL COLORS & CUSTOM CONFIGURATIONS AVAILABLE



27 Series SAE Class I LED Lightbar

Medium-profile chassis

Three, eight, 12, and 22 reflective LED modules

Integrated LED Safety Director™

15 flash patterns (independent flashing) or
31 flash patterns (centrally controlled)

Aluminum chassis, polycarbonate base and lens

Magnet mount available for 22" lightbars (EZ2122MG)

SYMBOLS

- REF12 12 LED Warning Module
- REF8 8 LED Warning Module
- REF3 3 LED Warning Module
- SIT LED Stop-Tail-Turn
- W LED Worklamps
- REF Integrated LED Safety Director

AVAILABLE COLORS

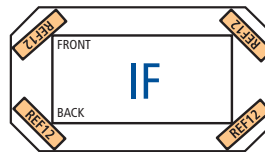
Amber, Blue, Red & White



DIMENSIONS

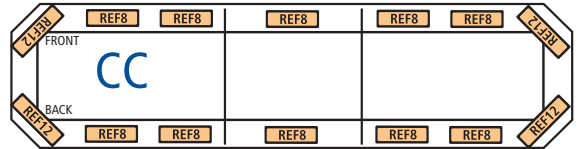
2.7 [69] H x 12.2 [310] W

REFLECTIVE



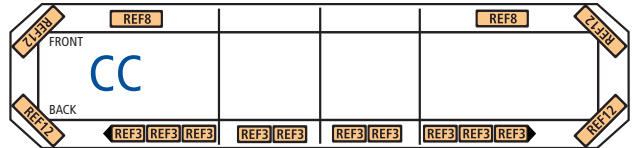
22" # 27-00001-E

- C** Amber
- T** 4 LEDs
- V** 12
- A** 2.0
- ☑ SAE J845 Class I, Cal. Title 13
- 🕒 5 Year



47" # 27-00004-E

- C** Amber
- T** 14 LEDs
- V** 12
- A** 7.0
- ☑ SAE J845 Class I, Cal. Title 13
- 🕒 5 Year



52" # 27-00006-E

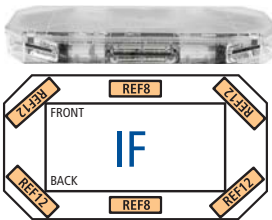
- C** Amber
- T** 16 LEDs, 10 Module Safety Director
- V** 12
- A** 8.0
- ☑ SAE J845 Class I, Cal. Title 13
- 🕒 5 Year



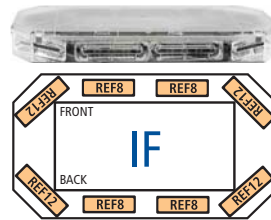
lightbars LED



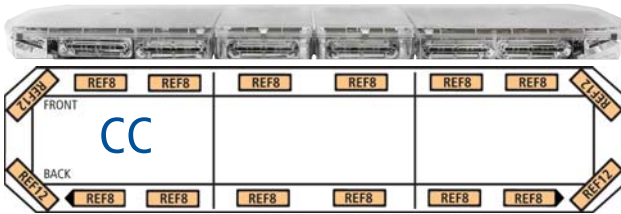
27-00007-E (back view)



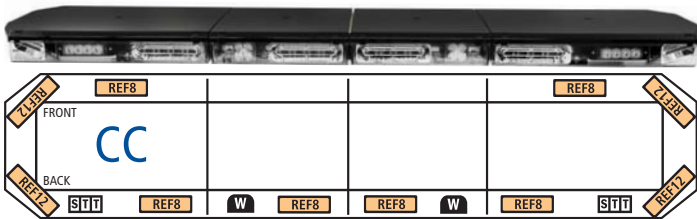
- 22"** # 27-00002-E
- C** Amber
 - T** 6 LEDs
 - V** 12
 - A** 3.0
 - ☑ SAE J845 Class I, Cal. Title 13
 - 🕒 5 Year



- 22"** # 27-00003-E
- C** Amber
 - T** 8 LEDs
 - V** 12
 - A** 4.0
 - ☑ SAE J845 Class I, Cal. Title 13
 - 🕒 5 Year



- 52"** # 27-00009-E
- C** Amber
 - T** 16 LEDs, 6 Module Safety Director
 - V** 12
 - A** 8.0
 - ☑ SAE J845 Class I, Cal. Title 13
 - 🕒 5 Year



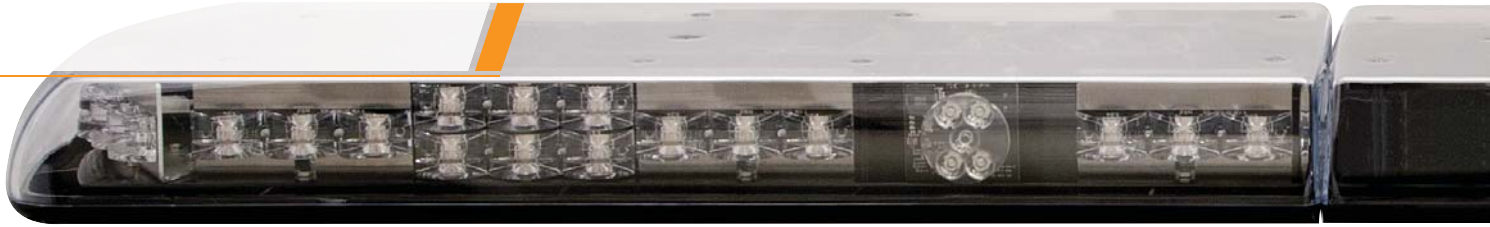
- 58"** # 27-00007-E
- C** Amber
 - T** 10 LEDs, 2 STT, 2 WL
 - V** 12
 - A** 8.0
 - ☑ SAE J845 Class I, Cal. Title 13
 - 🕒 5 Year



lightbars LED

EASY CUSTOMIZATION

ADDITIONAL COLORS & CUSTOM CONFIGURATIONS AVAILABLE



12 Series Vantage™ SAE Class I LED Lightbar

Available in-cab controller

33 flash patterns

Aluminum chassis, polycarbonate base and lens

SYMBOLS

-  LED Warning Module
-  LED Stop-Tail-Turn
-  LED Worklamps
-  LED Alley Lights

AVAILABLE COLORS

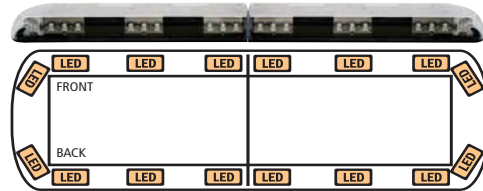
Amber, Blue, Green, Red & White





DIMENSIONS

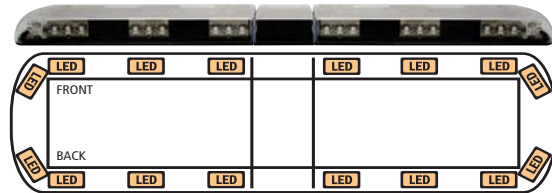
2.5 [64] H x 11 [279] W

Controller
3.6 [90] H x 5.9 [149] W x 0.7 [18] D





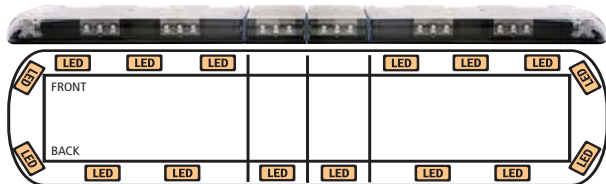
48" # 12-00001-E

- C** Amber
- T** 16 LEDs
- V** 12-24
- A** 7.2
-  SAE J845 Class I, Cal. Title 13, CE, R10
-  3 Year





54" # 12-00002-E

- C** Amber
- T** 16 LEDs
- V** 12-24
- A** 7.2
-  SAE J845 Class I, Cal. Title 13, CE, R10
-  3 Year

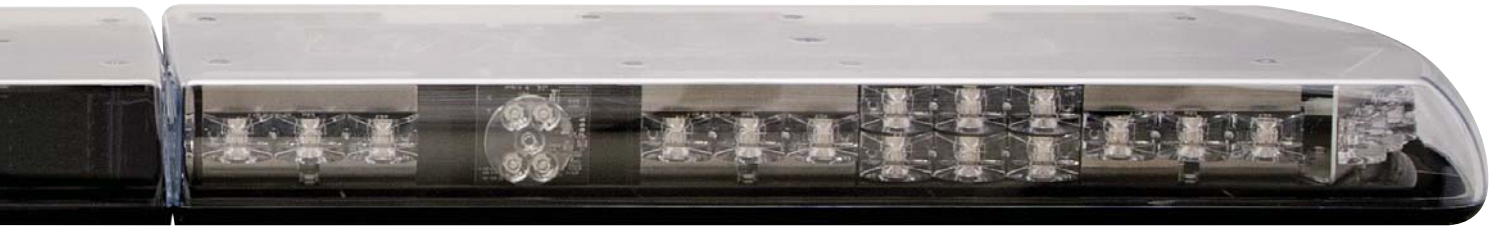


60" # 12-00003-E

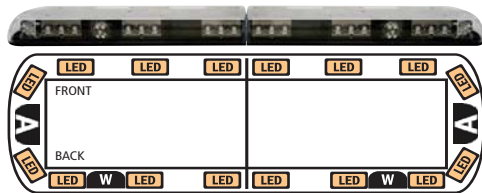
- C** Amber
- T** 16 LEDs
- V** 12-24
- A** 7.2
-  SAE J845 Class I, Cal. Title 13, CE, R10
-  3 Year



lightbars LED



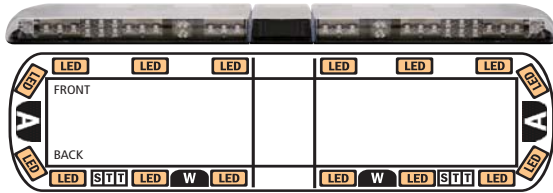
12-00005-E (back view)



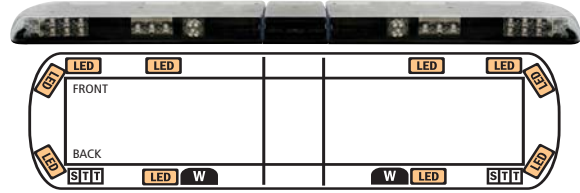
- 48"** # 12-00004-E
- C** Amber
- T** 16 LEDs, 2 WL, 2 AL
- V** 12-24
- A** 10.8
- ☑ SAE J845 Class I, Cal. Title 13, CE, R10
- 🕒 3 Year

OPTIONAL ACCESSORY

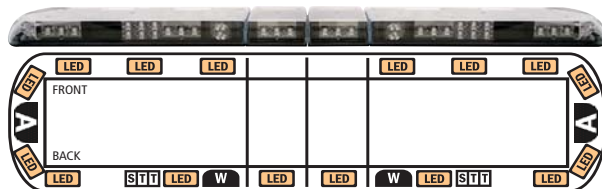
EZ0006 The optional controller provides convenient and easy control of the 33 built-in flash patterns and auxiliary LED modules (where applicable). Simply plug-n-play. Each lightbar is shipped with 'controller ready' wiring for fast, easy installation.



- 54"** # 12-00005-E
- C** Amber
- T** 16 LEDs, 2 WL, 2 AL, 2 STT
- V** 12-24
- A** 11.0
- ☑ SAE J845 Class I, Cal. Title 13, CE, R10
- 🕒 3 Year



- 54"** # 12-00007-E
- C** Amber
- T** 10 LEDs, 2 WL, 2 STT
- V** 12-24
- A** 6.5
- ☑ SAE J845 Class I, Cal. Title 13, CE, R10
- 🕒 3 Year



- 60"** # 12-00006-E
- C** Amber
- T** 16 LEDs, 2 WL, 2 AL, 2 STT
- V** 12-24
- A** 11.0
- ☑ SAE J845 Class I, Cal. Title 13, CE, R10
- 🕒 3 Year



lightbars LED

EASY CUSTOMIZATION

ADDITIONAL COLORS & CUSTOM CONFIGURATIONS AVAILABLE



15 Series Streetlazer™ LED Lightbar

Available with TIR Optic or Reflective LED modules

Alternating or simultaneous flash (quad)

2" height profile

Aluminum base

SYMBOLS

LED Warning Module

Integrated LED Safety Director™

Additional modules available for custom configuration

Illuminated rubber key touch-pad provides fingertip control of built-in Safety Director™ (included with Safety Director models).



DIMENSIONS

2 [53] H x 12 [305] W
2.1 [53] H x 23.2 [590] W x 12.2 [310] D (22" lighthbar)

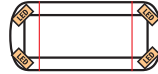
Controller
2 [50] H x 3.5 [90] W x 0.5 [8] D

AVAILABLE COLORS

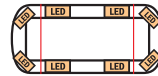
Amber

23"

TIR Optic



15-00011-E
Illuminates Amber
12
0.8
80 FPMx4
4 Bolt
ⓧ 2 Year Lightbar
ⓧ 5 Year Electrical

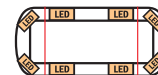


15-00015-E
Illuminates Amber
12
1.6
80 FPMx4
4 Bolt
ⓧ 2 Year Lightbar
ⓧ 5 Year Electrical

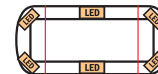
REFLECTIVE



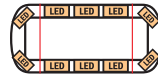
15-01423-E
Illuminates Amber
12
2.8
80 FPMx4
4 Bolt
ⓧ 2 Year Lightbar
ⓧ 5 Year Electrical



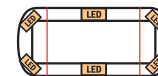
15-01428-E
Illuminates Amber
12
5.6
80 FPMx4
4 Bolt
ⓧ 2 Year Lightbar
ⓧ 5 Year Electrical



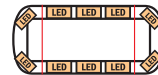
15-00013-E
Illuminates Amber
12
1.2
80 FPMx4
4 Bolt
ⓧ 2 Year Lightbar
ⓧ 5 Year Electrical



15-00019-E
Illuminates Amber
12
2.0
80 FPMx4
4 Bolt
ⓧ 2 Year Lightbar
ⓧ 5 Year Electrical



15-01427-E
Illuminates Amber
12
4.2
80 FPMx4
4 Bolt
ⓧ 2 Year Lightbar
ⓧ 5 Year Electrical



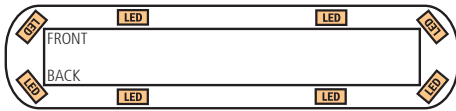
15-01429-E
Illuminates Amber
12
7.0
80 FPMx4
4 Bolt
ⓧ 2 Year Lightbar
ⓧ 5 Year Electrical



lightbars LED

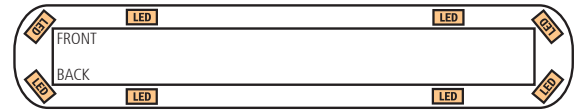


15-00037-E (front view)



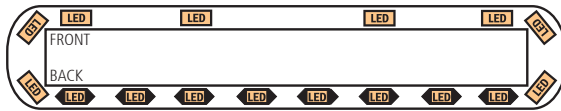
39" # 15-00035-E

- C** Amber
- T** TIR
- V** 12
- A** 1.6
- F** 80 FPMx4
- ⌚ 2 Year Lightbar
- 5 Year Electrical



49" # 15-00036-E

- C** Amber
- T** TIR
- V** 12
- A** 1.6
- F** 80 FPMx4
- ⌚ 2 Year Lightbar
- 5 Year Electrical

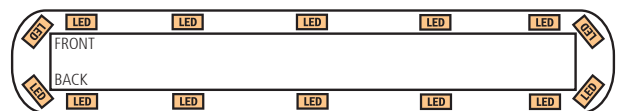


49" # 15-00037-E

- C** Amber
- T** TIR
- V** 12
- A** 3.2
- F** 80 FPMx4
- ⌚ 2 Year Lightbar
- 5 Year Electrical

15-01424-E

- Amber
- Reflective
- 12
- 4.9
- 80 FPMx4
- 2 Year Lightbar
- 5 Year Electrical



54" # 15-00038-E

- C** Amber
- T** TIR
- V** 12
- A** 2.9
- F** 80 FPMx4
- ⌚ 2 Year Lightbar
- 5 Year Electrical

15-01426-E

- Amber
- Reflective
- 12
- 4.3
- 80 FPMx4
- 2 Year Lightbar
- 5 Year Electrical

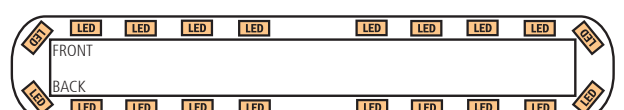


54" # 15-00039-E

- C** Amber
- T** TIR
- V** 12
- A** 3.0
- F** 80 FPMx4
- ⌚ 2 Year Lightbar
- 5 Year Electrical

15-01425-E

- Amber
- Reflective
- 12
- 4.6
- 80 FPMx4
- 2 Year Lightbar
- 5 Year Electrical



54" # 15-01255-E

- C** Amber
- T** TIR
- V** 12
- A** 4.0
- F** 80 FPMx4
- ⌚ 2 Year Lightbar
- 5 Year Electrical

THE DIRT



WHERE'S THE BEEP? 12

MFAs 'quietly' gain traction in cities and neighborhoods

ALWAYS ALERT
the UK's AA: a story of road safety evolution since 1903

4

A 'DIFFERENTER' COMPANY
Cincinnati's J&A Assn.

THE DIRT



8

WHAT GOES AROUND COMES AROUND
online shopping reinvents mall order and opens up the free market

GOING BIG
the Panama Canal expansion

COVER YOUR BACK
smart ways to protect your people, your assets, and your goodwill

GETTING GOODS TO MARKET
an intricate system of ships, ports, rail, and trucks



THE DIRT

THE ONLY PLACE TO GET THE
LATEST INDUSTRY NEWS

11
16
14

accessories

Light Source Components



EZ1401X - Module
DropLock directional LED module (A, B, C, G, R)
Used with 14 Series



EZ1402X - Module
DropLock 360° beacon LED module (A, B, C, G, R)
Used with 14 Series



EZ1403AL - Module
DropLock alley light LED module
Used with 14 Series



EZ1403WL - Module
DropLock worklamp LED module
Used with 14 Series



EZ1404R - Module
DropLock stop-tail-indicator LED module
Used with 14 Series



EZ1411-XX - Module
DropLock center illumination LED module (48, 54, 60, 72)
Used with 14 Series



EZ1414 - Safety Director
Safety Director LED
Used with 14 Series



EZ211F3X - Module
Front/rear TR3 LED module - independent flashing (A, B, G, R, W)
Used with 21 Series



EZ211F4X - Module
Front/rear TR4 LED module - independent flashing (A, B, G, R, W)
Used with 21 Series



EZ211F6X - Module
Corner TR6 LED module - independent flashing (A, B, G, R, W)
Used with 21 Series



EZ211F9X - Module
Corner TR9 LED module - independent flashing (A, B, G, R, W)
Used with 21 Series



EZ21CC3X - Module
Front/rear TR3 LED module - centrally controlled (A, B, G, R, W)
Used with 21 Series



EZ21CC4X - Module
Front/rear TR4 LED module - centrally controlled (A, B, G, R, W)
Used with 21 Series



EZ21CC6X - Module
Corner TR6 LED module - centrally controlled (A, B, G, R, W)
Used with 21 Series



EZ21CC9X - Module
Corner TR9 LED module - centrally controlled (A, B, G, R, W)
Used with 21 Series



EZ21CC18XX - Module
Front/rear TR18 LED module - centrally controlled (AB, AW, BW, RB, RW, RG, RA)
Used with 21 Series



EZ2127WL - Module
Alley/Worklamp TR3 LED module
Used with 21 Series



EZ27WLT3W - Module
Alley/Worklamp TR3 LED module
Used with 27 Series



EZ21STT
Stop-Tail-Turn LED module (pair)
Used with 21 Series



EZ27STT
Stop-Tail-Turn LED module (pair)
Used with 27 Series



EZ27IF3X - Module
Front/rear REF3 LED module - independent flashing (A, B, R, W)
Used with 27 Series



EZ27IF8X - Module
Front/rear REF8 LED module - independent flashing (A, B, R, W)
Used with 27 Series



EZ27IF12X - Module
Front/rear REF12 LED module - independent flashing (A, B, R, W)
Used with 27 Series



EZ27CC3X - Module
Front/rear REF3 LED module - centrally controlled (A, B, R, W)
Used with 27 Series



EZ27CC8X - Module
Front/rear REF8 LED module - centrally controlled (A, B, R, W)
Used with 27 Series



EZ27CC12X - Module
Front/rear REF12 LED module - centrally controlled (A, B, R, W)
Used with 27 Series



EZ27CC22XX - Module
Front/rear REF22 LED module - centrally controlled (AB, AW, BW, RB, RW, RA)
Used with 27 Series



EZ2700AL - Module
Alley LED module
Used with 27 Series



EZ2700WL - Module
Work Lamp LED module
Used with 27 Series



EZ2127DOT - Module
DOT Strip LED module
Used with 21, 27 Series



accessories



EZ0003 - Module
Worklamp/alley light (pair)
Used with 12 Series



EZ0005 - Module
Stop-Tail-Indicator (pair)
Used with 12 Series



EZ0007X - Module
Front/rear module
(A, B, C, G, R)
Used with 12 Series



EZ1290X - Module
Rear module
(A, B, C, G, R)
Used with 12 Series



A109-924X - Module
Front/rear TIR module w/pigtail
(A, B, C, R)
Used with 15 Series



A159-938X - Module
Corner TIR module w/pigtail
(A, B, C, R)
Used with 15 Series



EZ0001X - Module
Front/rear reflective module
(A, B, C, R)
Used with 15 Series



EZ0002X - Module
Corner reflective module
(A, B, C, R)
Used with 15 Series



R109-924X - Module
Front/rear TIR module
(A, B, C, R)
Used with 15 Series



R159-938X - Module
Corner TIR module
(A, B, C, R)
Used with 15 Series



accessories

Lightbar Domes

ER0004



R309-902C



R159-901C



R209-907C



ER0003



R109-904C



EZ2116C



EZ21L22C



12 Series - All Models

ER0003 - End, 24" Clear
ER0004 - Center, 6" Clear

14 Series - All Models

EZ1406X - End
EZ1416X - Center, 39"
EZ1407X - Center, 48"
EZ1408X - Center, 54"
EZ1409X - Center, 60"
EZ1410X - Center, 72"

15 Series - All Models

R159-901X - End Upper
R309-902C - End Lower
R109-904X - Center Upper Short
R209-905C - Center Lower Short
R109-906X - Center Upper Long
R209-907C - Center Lower Long
36"/0.91m Models
R159-901X - End Upper
R309-902C - End Lower
R109-906X - Center Upper
R209-907C - Center Lower

21 Series - All Models

EZ2101C - Lower End Lens
EZ2108C - Lower Center, Short
EZ2111C - Lower Center, Med
EZ2116C - Lower Center, Long
EZ2127UX - Upper End Lens
EZ2127U8X - Upper Center, Short
EZ2127U11X - Upper Center, Med
EZ2127U16X - Upper Center, Long
EZ2127U22X - 22" Upper Lens
EZ21L22C - 22" Lower Lens

27 Series - All Models

EZ2701C - Lower End Lens
EZ2708C - Lower Center, Short
EZ2711C - Lower Center, Med
EZ2127UX - Upper End Lens
EZ2127U8X - Upper Center, Short
EZ2127U11X - Upper Center, Med
EZ2127U16X - Upper Center, Long
EZ2127U22X - 22" Upper Lens
EZ27L22C - 22" Lower Lens

15 Series: Replace X in part number with desired color: A=Amber, B=Blue, C=Clear, G=Green, R=Red

21/27 Series: Replace X in part number with desired color: A=Amber, B = Blue, BLK=Black, C=Clear, R=Red

Dome Screws & Clips



EZ1417

Lens retaining latch (pair)
Used with 14 Series



EZ2127LC

Stainless steel lens retaining clip
Used with 21 & 27 Series



EZ2127LCB

Black lens retaining clip
Used with 21 & 27 Series



R159-942

Lens retaining screw
Used with 15 Series



R209-921

Lens joining clip
Used with 15 Series



accessories

Switches & Controls



EZ1405
Lightbar controller
Used with 14 Series



EZ1415
Lightbar controller
suction cup mount
Used with 14 Series Controller



EZ2127ASCC
Lightbar controller - for
integrated safety director
Used with 21, 27 Series



EZ2127ASIF
Lightbar controller - for
integrated safety director
Used with 21, 27 Series



EZ0006
Lightbar controller
Used with 12 Series



RM4DIRC
Built-in Safety Director
Controller (LED/Halogen)
Used with 10, 15 Series



EZ2127SB
Switch box - 3 level slide,
6 switch 12V
Used with 21, 27 Series



A9000
Switchbox - 6 switch 12V
Used with all Lightbar Series



A9891
Illuminated 12V-Amber-SPST
Used with all Lightbar Series



A9893
Switch panel - single slot
(excludes switch)
Used with A9891 / A9892



A9904
Bracket mounting kit
Used with A9901 / A9902 / A9903



A9905SW
On/off & flash pattern switches
Used with multiple pattern LEDs



A9901
Illuminated 12V
Used with all Lightbar Series



A9902
Bracket - end section
Used with A9901



A9903
Bracket - center section
Used with A9901



EZ2127PC
Photo cell - for day/night auto
dimming
Used with 21, 27 Series



EZ2127SP
Solar panel - for battery
conditioning
Used with 21, 27 Series



EZ2127CCXXX
Driver board - for centrally
controlled modules
(Contact factory for
programming requirements)
Used with 21, 27 Series



accessories

Lightbar Mounting Kits

54" lightbars recommended for full size trucks



Strap Mounts

	10 / 14 Series	12 Series	15 Series	21 / 27 Series
Chevy Caprice 2012-2017	A1031RMK	A1231RMK	A1030RMK	
Chevy Colorado/GMC Canyon 2004-2014	A1011RMK	A1211RMK	A1017RMK	A212707RMK
Chevy/GM Truck 1500, 2500, 3500 1999-2006, Tahoe/Yukon 2007-2014	A1011RMK	A1211RMK	A1017RMK	A212707RMK
Chevy/GM Truck 1500, 2500, 3500 2007-2013	A1027RMK	A1227RMK	A1024RMK	A212704RMK
Chevy/GM Truck 1500, 2500, 3500 2014- 2017, GM Tahoe/Yukon 2014-2017	A1037RMK*	A1237RMK*	A1537RMK*	A212708RMK
Dodge Charger 2007-2010	A1029RMK	A1229RMK	A1028RMK	
Dodge Charger 2011-2017	A1031RMK	A1231RMK	A1030RMK	
Dodge Truck 1500 2002-2008, Dodge Truck 2500-3500 2003-2009	A1011RMK	A1211RMK	A1017RMK	A212707RMK
Dodge Truck 1500 2009-2017, Dodge Truck 2500-3500 2010-2017	A1036RMK*	A1236RMK*	A1536RMK*	A212706RMK
Ford Crown Victoria 1998-2012	A1013RMK	A1213RMK	A1019RMK	
Ford Escape/Explorer 2012-2017	A1038RMK*	A1238RMK*	A1538RMK*	A212703RMK
Ford PPV/SUV 2013-2017	A1031RMK	A1231RMK	A1030RMK	
Ford PPV/SUV 2013-2017	A1033RMK (pursuit rated)	A1238RMK*	A1538RMK*	A212703RMK
Ford Truck F150 1997-2003	A1014RMK	A1214RMK	A1020RMK	
Ford Truck F150 2004-2009	A1010RMK	A1210RMK	A1016RMK	
Ford Truck F150 2010-2014	A1025RMK	A1225RMK	A1022RMK	A212710RMK
Ford Truck F150 2015-2017	A1034RMK*	A1234RMK*	A1534RMK*	A212709RMK*
Ford Truck Superduty 1999-2009	A1012RMK	A1212RMK	A1018RMK	A212705RMK
Ford Truck Superduty 2010-2016	A1035RMK*/A1026RMK	A1235RMK*/A1226RMK	A1535RMK*/A1023RMK	A212701RMK
Ford Truck Superduty 2017	A1034RMK*	A1234RMK*	A1534RMK*	A212709RMK*
Headache rack mounting	A1401RMK (Axios only)	A1032RMK	A1032RMK	A2127HRMK
Toyota Tacoma 2005-2017	A1038RMK*	A1238RMK*	A1538RMK*	A212703RMK
Toyota Tundra 2015-17	A1039RMK*	A1239RMK*	A1539RMK*	A212703RMK
Universal Gutter 48" - 60"				A212702RMK

*Indicates paint finish is black. All other mounting kits are stainless steel.

Standard Installation



ER0002
Standard Feet Kit
Used with 12, 15 Series

A2127FT
Standard Feet Kit
Used with 21/27 Series

A5005RMK
Rubber Feet Kit
Used with 15 Series

Rack Mount



A1032RMK
Headache Rack Bracket
Used with 12 Series

A1401RMK
Headache Rack Bracket
Used with 14 Series

A2127HRMK
Headache Rack Bracket
Used with 21/27 Series



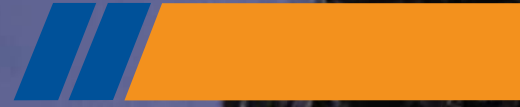
part number index

LIGHTBARS	PART #	PAGE #	LENGTH	AMPS	MODULE TYPE
	12-00001-E	18	48"	7.2	16 LEDs
	12-00002-E	18	54"	7.2	16 LEDs
	12-00003-E	18	60"	7.2	16 LEDs
	12-00004-E	19	48"	10.8	16 LEDs, 2 WL, 2 AL
	12-00005-E	19	54"	11	16 LEDs, 2 WL, 2 AL, 2 STT
	12-00006-E	19	60"	11	16 LEDs 2 WL, 2 AL, 2 STT
	12-00007-E	19	54"	6.5	10 LEDs, 2 WL, 2 STT
	14-00001-E	9	48"	14.4	12 LEDs, 2 WL, 2 AL
	14-00002-E	9	54"	17.5	12 LEDs, 2 WL, 2 STI, 1 Safety Director
	14-00003-E	8	60"	16.8	14 LEDs, 2 WL, 2 AL, 2 STT
	14-00004-E	9	72"	18.6	16 LEDs, 2 WL, 2 AL, 2 STT
	14-00005-E	8	39"	7.2	8 LEDs
	14-00006-E	8	48"	13.3	12 LEDs, 1 Safety Director
	14-00007-E	9	54"	11.4	10 LEDs, 2 WL, 2 STT
	15-00011-E	20	23"	0.8	4 LEDs
	15-00013-E	20	23"	1.2	6 LEDs
	15-00015-E	20	23"	1.6	8 LEDs
	15-00019-E	20	23"	2	10 LEDs
	15-00035-E	21	39"	1.6	8 LEDs
15-00036-E	21	49"	1.6	8 LEDs	
15-00037-E	21	49"	3.2	8 LEDs, 8 Module Integrated Safety Director	
15-00038-E	21	54"	2.9	14 LEDs	
15-00039-E	21	54"	3	8 LEDs, 7 Module Integrated Safety Director	
15-01255-E	21	54"	4	20 LEDs	
15-01423-E	20	23"	2.8	4 LEDs	
15-01424-E	21	49"	4.9	8 LEDs, 8 Module Integrated Safety Director	
15-01425-E	21	54"	4.6	8 LEDs, 7 Module Integrated Safety Director	
15-01426-E	21	54"	4.3	14 LEDs	
15-01427-E	20	23"	4.2	6 LEDs	
15-01428-E	20	23"	5.6	8 LEDs	
15-01429-E	20	23"	7	10 LEDs	
21-00001-E	14	22"	2	4 LEDs	
21-00002-E	15	22"	3	6 LEDs	
21-00003-E	15	22"	4	8 LEDs	
21-00004-E	14	47"	7	14 LEDs	
21-00005-E	15	47"	12	16 LEDs, 2 AL, 2 WL, 6 Module Safety Director	
21-00006-E	15	47"	7.5	15 LEDs, 9 Module Safety Director	
21-00007-E	14	52"	8	10 LEDs, 2 STI, 2 WL	
21-00008-E	15	58"	9	12 LEDs, 2 STI, 2 WL	
21-00009-E	15	52"	8	16 LEDs, 6 Module Safety Director	



part number index

LIGHTBARS	PART #	PAGE #	LENGTH	AMPS	MODULE TYPE
	27-00001-E	16	22"	2	4 LEDs
	27-00002-E	17	22"	3	6 LEDs
	27-00003-E	17	22"	4	8 LEDs
	27-00004-E	16	47"	7	14 LEDs
	27-00006-E	16	52"	8	16 LEDs, 10 Module Safety Director
	27-00007-E	17	58"	8	10 LEDs, 2 STT, 2WL
	27-00009-E	17	52"	8	16 LEDs, 6 Module Safety Director



WHITE LIGHTING





contents guide



Worklamps



Utility Bars



Interior Lighting



Accessories



The Dirt Magazine



Part Number Index

symbol guide



Part Number



Color



Type



Volts



Amps



Lumens



Beam Pattern



Mounting



Approvals



Warranty



Switched





certifications

Certifications & Standards

SAE Class (I, II & III) Indicates compliance with the relevant section of the Society of Automotive Engineers' general requirements for warning lights. Specific class ratings indicate the intensity of light produced, Class I being most powerful.


RoHS Indicates compliance with European directive restricting the use of hazardous substances such as lead, mercury, cadmium, hexavalent chromium, and six other substances.

General

CE Indicates compliance with general mandatory European product safety regulations (electromagnetic compatibility).

R10 Indicates compliance with mandatory European product safety regulations specifically related to electrical products for on-road vehicles (electromagnetic compatibility).

IP Indicates level of environmental protection provided by a product enclosure as defined by the European Committee for Electro Technical Standardization. Ingress Protection (IP) ratings are stated as two numbers, the first number relates to protection from solid materials (1-6), and the second number to protection from liquids (1-8). The higher the number, the greater the protection.

UL /  Indicates compliance with a relevant electrical product safety standard as defined by Underwriters Laboratories (UL). UL recognized products are suitable for use on electrically powered vehicles that are themselves covered by a UL standard (i.e. forklifts).



COMPARING LUMENS TO LUMENS

At ECCO, we measure our lumen output to endure the most accurate reading of the “actual” lumen count. The lumens found throughout the catalog are “measured raw.” Lumen output is an important factor in the buying process, here is a quick guideline for comparing lumens to lumens:

Raw Lumens



A highly accurate reading of the actual lumen count at the time the light is powered on, as measured in an integrating sphere.



The lumen count is based on a theoretical value.

If a light uses 10 LEDs with a max lumen output rating of 100 per LED, the raw lumen output would be 1,000 lumens (10 x 100 = 1,000)

Effective Lumens



A highly accurate reading of the actual lumen count, taken once the light has been powered on for a constant 30 minutes.



An estimated percentage (i.e. 30%) is deducted from the raw calculated lumens to account for potential output losses once the light has been powered on for a period of time.



Light Duty



Suitable for material handling and indoor operation.

Medium Duty



On- and off-road maintenance and construction projects.

Heavy Duty



The harshest of working environments and weather conditions.



worklamps LED



EW2310 Series

Square LED

Nine 10-watt LEDs

Heavy-duty stainless steel bracket

Aluminum heatsink housing and polycarbonate lens

#	EW2311	EW2310
V	12-24	12-24
A	5.3	5.3
L	4950 Raw	5100 Raw
☑	Flood	Spot
☑	IP69K	IP69K
🕒	3 Year	3 Year

DIMENSIONS

5.5 [139] H x 5.7 [144] W x 4.6 [117] D
6.2 [157] H including bracket

**DURABILITY YOU
CAN COUNT ON**







worklamps LED

EW2510 Series Square LED

Nine 10-watt LEDs

Vibration dampening bracket

Aluminum heatsink housing and polycarbonate lens

#	EW2511	EW2510
V	12-24	12-24
A	4.8	4.8
L	5000 Raw	5100 Raw
	Flood	Spot
	2 Year	2 Year

DIMENSIONS

6.5 [164] H x 5.3 [134] W x 4.9 [123] D
Includes bracket






EW2300 Series Rectangular LED

Six 10-watt LEDs

High-intensity beam

Aluminum heatsink housing and toughened glass lens

#	EW2301	EW2300
V	12-24	12-24
A	2.7	2.7
L	3000 Raw	3100 Raw
	Flood	Spot
	CE	CE
	3 Year	3 Year

DIMENSIONS

4.2 [107] H x 6.6 [167] W x 2.5 [63] D
4.9 [125] H including bracket





worklamps LED



EW2501

Rectangular LED

Five 10-watt LEDs

Aluminum heatsink housing

Polycarbonate lens

- # EW2501
- V 12-24
- A 3.0
- L 2900 Raw
- Flood
- CE, IP67
- 2 Year

DIMENSIONS

3.8 [98] H x 5.7 [145] W x 3.1 [79] D
5.3 [135] H including bracket



E92008

Square LED

Thirty 1-watt LEDs

Aluminum heatsink housing

Polycarbonate lens

- # E92008
- V 12-24
- A 2.2
- L 2300 Raw
- Flood
- CE
- 2 Year

DIMENSIONS

4.96 [126] H x 4.96 [126] W x 3.35 [85] D
7.48 [190] H including bracket



worklamps LED



EW2431

Round LED

Fourteen 3-watt LEDs

Aluminum heatsink housing

Polycarbonate lens

- # EW2431
- V 12-24
- A 3.1
- L 2075 Raw
-  Flood
-  CE, IP67
-  3 Year

DIMENSIONS

4.6 [117] H x 4.6 [117] W x 3.0 [76] D
5.3 [136] D including bracket






EW2421

Square LED

Sixteen 3-watt LEDs

Aluminum heatsink housing

Polycarbonate lens

- # EW2421
- V 12-24
- A 2
- L 2400 Raw
-  Flood
-  CE, IP67
-  3 Year

DIMENSIONS

4.3 [110] H x 4.3 [110] W x 2.8 [72] D
5.3 [136] D including bracket





worklamps LED



E94011
Modular Connector - required to connect units together



EW2320 Series Modular Rectangular LED

Five 10-watt LEDs
Can be connected vertically or horizontally
Aluminum heatsink housing

#	EW2321	EW2320
V	12-24	12-24
A	2.2	2.2
L	2400 Raw	2400 Raw
	Flood	Spot
	IP67	IP67
	3 Year	3 Year

DIMENSIONS

3.0 [77] H x 7 [178] W x 2.5 [63] D
2.76 [70] D including bracket



EW2340 Series Oval LED

Four 10-watt LEDs
Aluminum heatsink housing
Polycarbonate lens

#	EW2341	EW2340
V	12-24	12-24
A	1.9	1.9
L	2050 Raw	2200 Raw
	Flood	Spot
	3 Year	3 Year

DIMENSIONS

3.1 [79] H x 5.3 [135] W x 2.8 [71] D
5 [127] H including bracket



worklamps LED

EW2102 Equinox™




Square LED

Eight 3-watt LEDs

Moisture-wicking vent

UV hardcoat

ECCO Lo-Glo® obstruction marker light

- # EW2102
- V 12-24
- A 2.6
- L 2000 Raw
-  Flood
-  CE, R10, IP67
-  3 Year

DIMENSIONS

4.9 [124] H x 4.3 [110] W x 2.2 [55] D
5.4 [137] H including bracket




EW2101 Equinox™

Square LED

Six 3-watt LEDs

Aluminum heatsink housing

Polycarbonate lens

- # EW2101
- V 12-24
- A 1.9
- L 1650 Raw
-  Flood
-  CE, R10, IP67
-  3 Year

EW2101-HV **NEW**

- 12-80
- 1.8
- 925 Raw
- Flood
- CE, R10, IP67
- 3 Year

DIMENSIONS

4.9 [124] H x 4.3 [110] W x 2.2 [55] D
5.4 [137] H including bracket





worklamps LED



EW2450 Series Square LED

Nine 3-watt LEDs
360° stainless steel rotation axis
Removable handle (reinforced nylon)

- # EW2451
- V 12-24
- A 2.2
- L 1300 Raw
- Flood
- Permanent
- CE
- 3 Year

- EW2451-MG
- 12-24
- 2.2
- 1300 Raw
- Flood
- Magnet
- CE
- 3 Year

- # EW2450
- V 12-24
- A 2.2
- L 1300 Raw
- Spot
- Permanent
- CE
- 3 Year

- EW2450-MG
- 12-24
- 2.2
- 1300 Raw
- Spot
- Magnet
- CE
- 3 Year

DIMENSIONS

5.2 [131] H x 4.3 [110] W x 3.3 [83] D
8.1 [205] H including bracket



Magnet mount available (light duty)



Rotation axis



On/off switch





worklamps LED




EW2409 **NEW**

Rectangular LED

Six 3-watt LEDs

Flush Mount

30° Angle grommet mount included

- # EW2411
- V 12-24
- A 1.3
- L 850 Raw
-  Flood
-  CE, R10, IP67
-  3 Year

DIMENSIONS

2.4 [62] H x 4.4 [112] W x 2.2 [55] D
3.5 [88] D including bracket






EW2411

Rectangular LED

Six 3-watt LEDs

Aluminum heatsink housing

Polycarbonate lens

- # EW2411
- V 12-24
- A 1.3
- L 1000 Raw
-  Flood
-  CE, R10, IP67
-  3 Year

DIMENSIONS

2.4 [62] H x 4.4 [112] W x 2.2 [55] D
3.5 [88] D including bracket





worklamps LED



EW2304 Series Mini Square LED

Two 10-watt LEDs

Compact design with improved light output

Aluminum heatsink housing and toughened glass lens

#	EW2303	EW2304
V	12-24	12-24
A	1.2	1.2
L	1250 Raw	1250 Raw
🔦	Flood	Spot
🕒	3 Year	3 Year

DIMENSIONS

3.7 [94] H x 3.8 [97] W x 2.8 [71] D
3.9 [99] H including bracket



EW2440 Rectangular LED

Six 3-watt LEDs

Aluminum heatsink housing

Polycarbonate lens

#	EW2441	EW2440
V	12-24	12-24
A	1.2	1.2
L	725 Raw	800 Raw
🔦	Flood	Spot
🕒	2 Year	2 Year

DIMENSIONS

1.9 [47] H x 6.3 [160] W x 2.5 [63] D
2.8 [71] D including bracket



worklamps LED




EW2110 **NEW**

Square LED

Seven 1-watt LEDs

Aluminum heatsink housing

Moisture-wicking vent

- # EW2111
- V 12-80
- A 3.1
- L 1000 Raw
-  Flood
-  CE, R10, IP67, UL, RoHS
-  3 Year

DIMENSIONS

3.7 [94] H x 3.8 [97] W x 2.8 [71] D
3.9 [99] H including bracket



MINI is
MIGHTY



worklamps LED



E92005 Round LED

Nine 3-watt LEDs

Aluminum heatsink housing

Acrylic lens

- # E92005
- V 12-24
- A 1.2
- L 1000 Raw
- Flood
- CE
- 2 Year

DIMENSIONS

4.3 [110] H x 4.3 [110] W x 1.8 [45] D
5 [128] H including bracket



E92006 Square LED

Nine 3-watt LEDs

Aluminum heatsink housing

Acrylic lens

- # E92006
- V 12-24
- A 1.3
- L 1450 Raw
- Flood
- CE
- 2 Year

DIMENSIONS

4.3 [110] H x 4.3 [110] W x 1.8 [45] D
5 [128] H including bracket



worklamps LED

E92004 Round LED

Six 3-watt LEDs
Aluminum heatsink housing
Acrylic lens




- # E92004
- V 12-24
- A 0.6
- L 700 Raw
-  Flood
-  CE, R10
-  2 Year

DIMENSIONS
4.6 [116] H x 4.6 [116] W x 1.9 [48] D
5 [128] H including bracket



E92007 Square LED

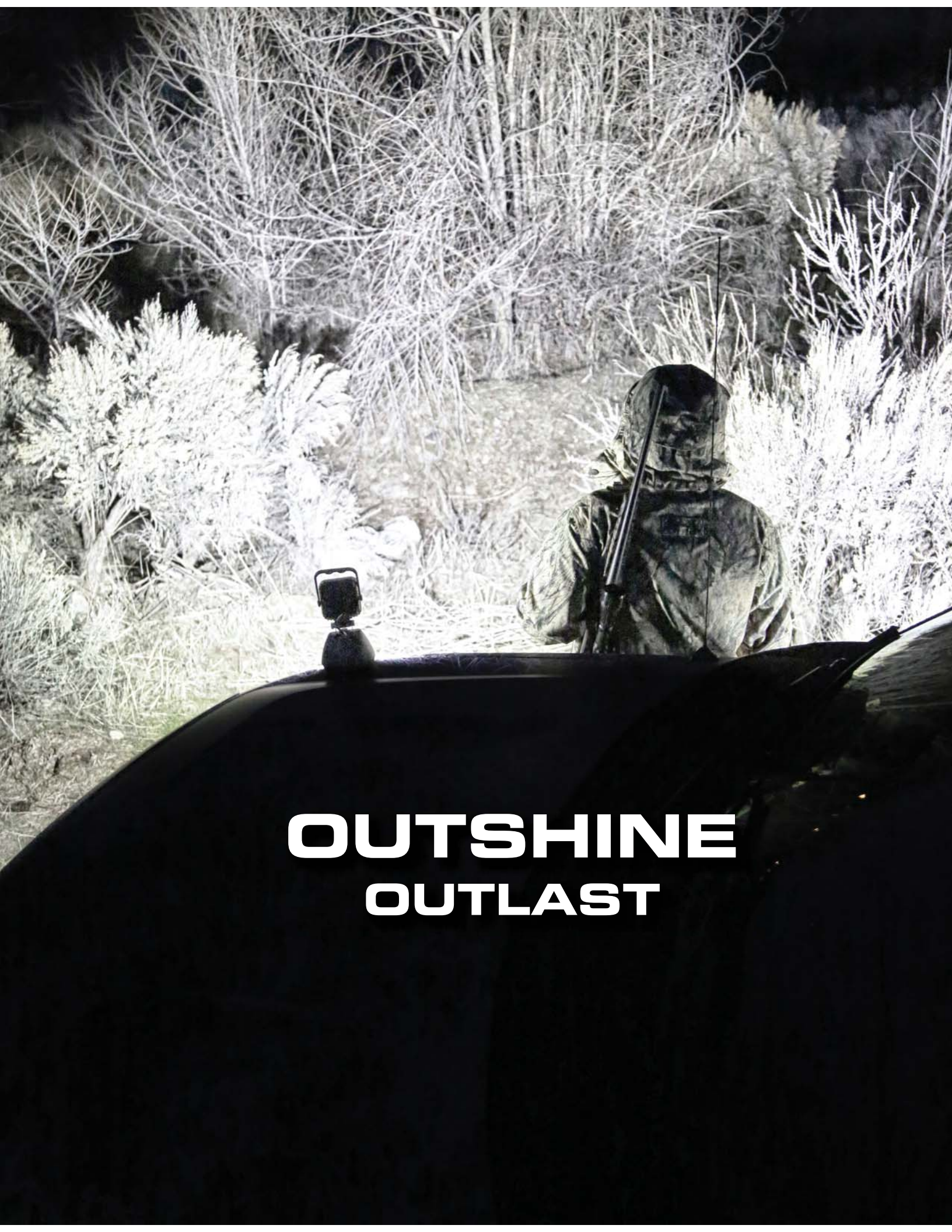
Five 3-watt LEDs
Aluminum heatsink housing
Acrylic lens

- | | | |
|---|-----------|-----------|
| # E92007 | E92007-HV | E92007-MG |
| V 12-24 | 12-80 | 12-24 |
| A 0.7 | 0.9 | 0.7 |
| L 700 Raw | 800 Raw | 750 Raw |
|  Flood | Flood | Flood |
|  CE | - | CE |
|  Permanent | Permanent | Magnet |

DIMENSIONS
4.3 [110] H x 4.3 [110] W x 1.8 [46] D
5 [128] H including bracket



Magnet mount (light duty)



**OUTSHINE
OUTLAST**



worklamps LED

EW2461

Square Magnetic LED

Dual-color models feature double and quad flash warning modes


Rechargeable lithium battery, estimated run time of 3-4 hours

Cigarette socket and North American AC wall charger supplied


EW2461-NA

V 
A 12-24
L 650 Raw
 Flood
 1 Year



EW2461-CAMO

V 
A 12-24
L 650 Raw
Flood
1 Year

EW2461CA-NA

V  / 
A 12-24
L 650 Raw (clear)
 Flood
 1 Year

EW2461CR-NA

V  / 
A 12-24
L 650 Raw (clear)
Flood
1 Year

DIMENSIONS

.7 [195] H x 4.5 [115] W x 3.9 [100] D
9.1 [230] H including handle





worklamps LED



E92013 Round LED

Six 3-watt LEDs

Rubber PAR36 housing

Polycarbonate lens

- # E92013
- V 12-24
- A 0.9
- L 675 Raw
- Flood
- CE
- 1 Year

DIMENSIONS

5 [126] H x 5 [126] W x 2.9 [74] D
6.2 [157] H including bracket



EW2019 Series Rectangular LED

33 1-watt LEDs

Aluminum heatsink housing

Polycarbonate lens

- # EW2019
- V 12-24
- A 0.4
- L 600 Raw
- Flood
- CE, IP67, RoHS
- 3 Year

DIMENSIONS

2 [52] H x 3.7 [93] W x 0.9 [23] D
2.6 [67] H x 3.7 [93] W including bracket



Counterpack automatic (when you order quantities of 6)



worklamps LED

EW2402 **NEW**

Square LED

Three 3-watt LEDs

Aluminum heatsink housing

Polycarbonate lens

- # EW2402
- V 12-24
- A 0.6
- L 500 Raw
- Spot
- CE, IP67
- 3 Year

DIMENSIONS

2.4 [60] H x 2.4 [60] W x 2.4 [62] D
3.3 [84] H including bracket



EW2403 **NEW**

Square LED

Three 3-watt LEDs

Aluminum heatsink housing

Polycarbonate lens

- # EW2403
- V 12-24
- A 0.6
- L 500 Raw
- Flood
- CE, IP67
- 3 Year

DIMENSIONS

2.4 [60] H x 2.4 [60] W x 2.4 [62] D
3.3 [84] H including bracket





worklamps LED



EW2470 Series Square LED

- Five 3-watt LEDs
- Aluminum heatsink housing
- Polycarbonate lens

#	EW2471	EW2470
V	12-24	12-24
A	1.2	1.2
L	775 Raw	725 Raw
	Flood	Spot
	CE, R10, IP67	CE, R10, IP67
	3 Year	3 Year

DIMENSIONS

3.9 [98] H x 3.3 [85] W x 1.6 [42] D
4.3 [108] H including bracket



Counterpack automatic (when you order quantities of 6)

THESE LAMPS FLY
OFF THE SHELF





worklamps LED




EW2480 Series

Round LED

Five 3-watt LEDs

Aluminum heatsink housing

Polycarbonate lens

- # EW2481
- V 12-24
- A 1.2
- L 800 Raw
-  Flood
-  CE, R10, IP67
-  3 Year

- EW2480
- 12-24
- 1.2
- 675 Raw
- Spot
- CE, R10, IP67
- 3 Year

DIMENSIONS

3.8 [96] H x 3.3 [85] W x 1.7 [43] D
4.2 [106] H including bracket



Counterpack automatic (when you order quantities of 6)




EW2490 Series

Oval LED

Five 3-watt LEDs

Aluminum heatsink housing

Polycarbonate lens

- # EW2491
- V 12-24
- A 1.2
- L 725 Raw
-  Flood
-  CE, R10, IP67
-  3 Year

- EW2490
- 12-24
- 1.2
- 700 Raw
- Spot
- CE, R10, IP67
- 3 Year

DIMENSIONS

3.1 [79] H x 3.9 [98] W x 1.7 [43] D
3.5 [89] H including bracket



Counterpack automatic (when you order quantities of 6)

EFFICIENCY & SAFETY STARTS WITH ECCO



WHITE LIGHTING SOLUTIONS

E92007-HV

EW2110

EW2101-HV



WARNING LIGHTING SOLUTIONS

6262

6465

A

From reversing alarms to pedestrian warning lights, ECCO's complete line of Material Handling products offers everything your team needs to get the job done. All the products in the Material Handling line range from 12, 12-24, 12-48 and 12-80 volts making them ideal for warehouse operation.

Whether you need warning beacons to alert oncoming traffic or pedestrian warning lights for optimal safety, ECCO has the solution.



PEDESTRIAN WARNING SOLUTIONS

EW2015R EW2002B



REVERSING SAFETY SOLUTIONS

585 SA951 EA9780
FH577 DF532



worklamps LED



EW2015R **NEW**

Oval LED Boundary Line

Pedestrian warning for material handling applications

Creates safety boundary around vehicle

Aluminum heatsink housing

EW2015R

- C** 12-80
- V** 1.1
- A** Line
- R10**
- 3 Year

DIMENSIONS

3.7 [94] H x 3.8 [97] W x 2.8 [71] D
3.9 [99] H including bracket

EW2010

Round LED Pedestrian Arrow

Three 3-watt LEDs

Blue or red arrow projection

Pedestrian warning for material handling applications

EW2010R

- C**
- V** 12-56
- A** 0.6
- Arrow
- R10
- 3 Year

EW2010B

- C**
- V** 12-56
- A** 0.6
- Arrow
- R10
- 3 Year

DIMENSIONS

4 [102] H x 3.8 [95] W x 3.5 [89] D
4.8 [121] H including bracket





worklamps LED





EW2002 **NEW** Oval LED Pedestrian Spotlight h

Pedestrian warning for material handling applications

Focused pedestrian spot

Aluminum heatsink housing



- # EW2002B
- C 
- V 12-80
- A 0.6
-  Spot
-  R10, UL
-  3 Year

DIMENSIONS

3.6 [91] H x 5.6 [143] W x 2.5 [65] D

4.8 [121] H including bracket



**SPOT THE
SAFE WAY**

**ROADS ARE
OPTIONAL**





Jeep

EGGO

**STANDARD
MOUNTING
FEET**

**PEDESTAL
MOUNT**



utility bars



Six 5-watt LEDs

Tilting pedestal or tilting surface mount options

Aluminum heatsink housing

EW3108

8" Single Row
Rectangular LED Bar

- # EW3108-F
- V 12-24
- A 1.9
- L 1100 Raw
- Flood
- IP67, R10
- 3 Year

- # EW3108-S
- V 12-24
- A 1.9
- L 1150 Raw
- Spot
- IP67, R10
- 3 Year

DIMENSIONS

2 [51] H x 7.6 [193] W x 3.3 [84] D

BEST TOOLS FOR THE JOB





utility bars

EW3208

8" Double Row
Rectangular LED Bar

EW3208-F

V 12-24
A 3.8
L 2150 Raw
Flood
IP67, R10
3 Year

EW3208-S

V 12-24
A 3.8
L 2475 Raw
Spot
IP67, R10
3 Year



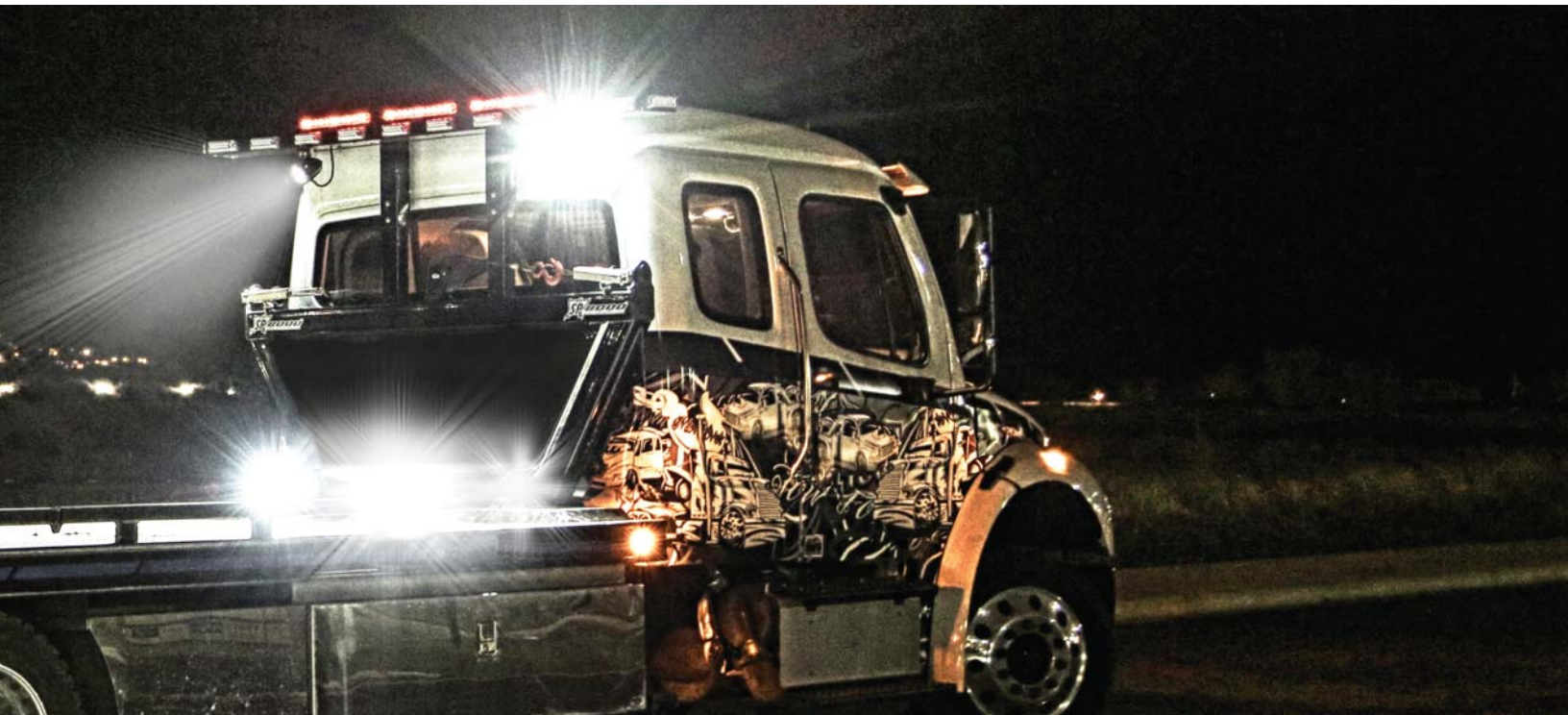
Twelve 5-watt LEDs

Tilting pedestal or tilting surface mount options

Aluminum heatsink housing

DIMENSIONS

3 [76] H x 8 [203] W x 4.3 [109] D





utility bars



EW3114

14" Single Row
Rectangular LED Bar

Twelve 5-watt LEDs

Tilting pedestal or tilting surface mount options

Aluminum heatsink housing

- # EW3114
- V 12-24
- A 5.7
- L 3375 Raw
- Flood / Spot Combo
- IP67, R10
- 3 Year

DIMENSIONS

2 [51] H x 14 [356] W x 3.3 [84] D



EW3214

14" Double Row
Rectangular LED Bar

Twenty-four 5-watt LEDs

Tilting pedestal or tilting surface mount options

Aluminum heatsink housing

- # EW3214
- V 12-24
- A 9.3
- L 6700 Raw
- Flood / Spot Combo
- IP67, R10
- 3 Year

DIMENSIONS

3 [76] H x 14.3 [363] W x 4.3 [109] D



utility bars



EW3124

24" Single Row
Rectangular LED Bar

Twenty-one 5-watt LEDs

Tilting pedestal or tilting surface mount options

Aluminum heatsink housing

- # EW3124
- V 12-24
- A 8.7
- L 5900 Raw
- Flood / Spot Combo
- IP67, R10
- 3 Year

DIMENSIONS

2 [51] H x 23.5 [597] W x 3.3 [84] D



EW3225

25" Double Row
Rectangular LED Bar

Forty-four 5-watt LEDs

Tilting pedestal or tilting surface mount options

Aluminum heatsink housing

- # EW3225
- V 12-24
- A 17.3
- L 12,325 Raw
- Flood / Spot Combo
- IP67, R10
- 3 Year

DIMENSIONS

3 [76] H x 25 [635] W x 4.3 [109] D

LIGHTING UP YOUR EVERY NEED



Interior Lighting Display | POP-8





interior lighting LED



EW0100 Series LED Strip Lighting

Self-adhesive utilizing 3M high-bond tape

Wire leads at both ends allow multiple units to be connected (excludes EW0118)

Spliceable every 3 LEDs



- # EW0115
- T 9 LED
- V 12
- A 0.2
- L 200
- Flood
- CE, IP65, RoHS
- 3 Year



- # EW0116
- T 18 LED
- V 12
- A 0.4
- L 375
- Flood
- CE, IP65, RoHS
- 3 Year



- # EW0117
- T 36 LED
- V 12
- A 0.7
- L 700
- Flood
- CE, IP65, RoHS
- 3 Year

ACCESSORIES



EZ0112 Cap & wire for spliced sections



EZ0120 PIR Motion Sensor - 110° cone, adjustable sensitivity (automatically activates light when human movement is detected)



- # EW0118
- T 5M Roll
- V 12
- A 3.6
- L 1100
- Flood
- CE, RoHS
- 3 Year



interior lighting LED



EW0200 Series LED Interior Lighting

Flush mount (EW0210-221 only)

Switched and non-switched options

White or chrome bezel options



DIMENSIONS

EW0200: 0.7 [18] D x 5.5 [140] Diameter
EW0210-0221: 0.8 [20] D x 2.8 [71] Diameter
EW0230-0241: 2.4 [61] H x 4.6 [117] W x 0.7 [18] D

ACCESSORIES



EZ0120 PIR Motion Sensor - 110° cone, adjustable sensitivity (automatically activates light when human movement is detected)



EW0200 ⓘ
T 72 LED
V 12-24
A 0.4
L 425
Flood
CE, RoHS
3 Year



EW0210
T 8 LED
V 12
A 0.1
L 100
Spot
CE, RoHS
3 Year



EW0220 ⓘ
T 7 LED
V 12
A 0.1
L 75
Spot
CE, RoHS
3 Year



EW0211
T 8 LED
V 12
A 0.1
L 100
Spot
CE, RoHS
3 Year



EW0221 ⓘ
T 7 LED
V 12
A 0.1
L 75
Spot
CE, RoHS
3 Year



EW0230
T 30 LED
V 12-24
A 0.2
L 150
Flood
CE, RoHS
3 Year



EW0240 ⓘ
T 30 LED
V 12-24
A 0.2
L 150
Flood
CE, RoHS
3 Year



EW0231
T 30 LED
V 12-24
A 0.2
L 150
Flood
CE, RoHS
3 Year



EW0241 ⓘ
T 30 LED
V 12-24
A 0.2
L 150
Flood
CE, RoHS
3 Year



interior lighting LED



EW0300 Series

LED Interior Lighting

Surface mount with concealed fasteners (hardware included)

Aluminum housing with clear or frosted lenses

Modular design, connect up to four units with integrated bullet connectors (EW0351 only)

DIMENSIONS

EW0310 / 311: 1.3 [33] H x 4.5 [114] W x 0.5 [13] D

EW0351: 1.3 [33] H x 13.7 [348] W x 0.5 [13] D

EW0351: 10.9 [277] W excluding endcaps



4.5" CLEAR

EW0310

T 4 LED

V 12-24

A 0.1

L 125

Flood

CE, RoHS

3 Year



4.5" FROST

EW0311

T 15 LED

V 12

A 0.1

L 100

Flood

CE, RoHS

3 Year



14" MODULAR FROST

EW0351

T 16 LED

V 12

A 0.5

L 300

Flood

CE, RoHS

3 Year



**CONNECT
MULTIPLE UNITS
TOGETHER**



ACCESSORIES



EZ0351 Replacement bullet connectors (for use with EW0351 only, max four)



EZ0120 PIR Motion Sensor - 110° cone, adjustable sensitivity (automatically activates light when human movement is detected)



interior lighting LED



EW0400 Series

LED Interior Lighting

Surface mount (hardware included)

Rugged, heavy-duty design

Aluminum housing with frosted lens



On/off and door switch feature (EW0410/411/412 only)

DIMENSIONS

EW0400 / 410: 2 [51] H x 5.4 [137] W x 0.5 [13] D
EW0401 / 411: 2 [51] H x 11.8 [300] W x 0.5 [13] D
EW0402 / 412: 2 [51] H x 17.7 [450] W x 0.5 [13] D

ACCESSORIES



EZ0120 PIR Motion Sensor - 110° cone, adjustable sensitivity (automatically activates light when human movement is detected)



- # EW0400
- T 10 LED
- V 12-24
- A 0.4
- L 200
- Flood
- CE, R10, RoHS, IP64
- 3 Year



- # EW0410
- T 10 LED
- V 12-24
- A 0.4
- L 200
- Flood
- CE, R10, RoHS, IP64
- 3 Year



- # EW0401
- T 22 LED
- V 12-24
- A 0.7
- L 475
- Flood
- CE, R10, RoHS, IP64
- 3 Year



- # EW0411
- T 22 LED
- V 12-24
- A 0.7
- L 475
- Flood
- CE, R10, RoHS, IP64
- 3 Year



- # EW0402
- T 32 LED
- V 12-24
- A 1.2
- L 650
- Flood
- CE, R10, RoHS, IP64
- 3 Year






- # EW0412
- T 32 LED
- V 12-24
- A 1.2
- L 650
- Flood
- CE, R10, RoHS, IP64
- 3 Year






interior lighting LED



7" 
EW0500 
T 42 LED
V 12-24
A 0.5
L 250
Flood
✓ CE, R10, RoHS
🕒 3 Year

18" 
EW0502 
T 138 LED
V 12-24
A 0.9
L 400
Flood
✓ CE, R10, RoHS
🕒 3 Year

7" 
EW0501 
T 42 LED
V 12-24
A 0.5
L 375
Flood
✓ CE, R10, RoHS
🕒 3 Year

15" 
EW0503 
T 108 LED
V 12-24
A 0.8
L 600
Flood
✓ CE, R10, RoHS
🕒 3 Year

EW0500 Series LED Interior Lighting

Flat-panel light with switch

Surface mount with concealed fasteners (hardware included)

Aluminum housing with frosted lens

DIMENSIONS

EW0500: 3.5 [89] H x 7 [178] W x 0.5 [13] D
EW0501: 5.7 [145] H x 7 [178] W x 0.5 [13] D
EW0502: 3.5 [89] H x 18.3 [465] W x 0.5 [13] D
EW0503: 5.7 [145] H x 14.8 [376] W x 0.5 [13] D

ACCESSORIES



EZ0120 PIR Motion Sensor - 110° cone, adjustable sensitivity
(automatically activates light when human movement is detected)



interior lighting LED



EW0600 Series

LED Interior Lighting

High-output switched light ideal for large spaces

Surface mount with concealed fasteners (hardware included)

Aluminum housing

DIMENSIONS

EW0600: 4 [102] H x 18 [460] W x 1.1 [28] D

EW0601: 4 [102] H x 25 [635] W x 1.1 [28] D

EW0602: 4 [102] H x 33 [860] W x 1.1 [28] D

ACCESSORIES



EZ0120 PIR Motion Sensor - 110° cone, adjustable sensitivity (automatically activates light when human movement is detected)



18"

- # EW0600
- T 96 LED
- V 12-24
- A 1.7
- L 2000
- Flood
- CE, RoHS
- 3 Year



25"

- # EW0601
- T 144 LED
- V 12-24
- A 2.7
- L 3700
- Flood
- CE, RoHS
- 3 Year



33"

- # EW0602
- T 192 LED
- V 12-24
- A 3.6
- L 4900
- Flood
- CE, RoHS
- 3 Year







interior lighting LED



13"







- # EW0700 
- T 6 LED
- V 12-24
- A 0.5
- L 400
-  Flood
-  CE, RoHS
-  3 Year

EW0700 Series LED Interior Lighting

Heavy-duty switched cargo / work area light
Pivot-mounting foot provides adjustable lighting angles
Surface mount (hardware included)

22"



- # EW0701 
- T 12 LED
- V 12-24
- A 0.9
- L 1250
-  Flood
-  CE, RoHS
-  3 Year

Aluminum housing

DIMENSIONS

EW0700: 1.8 [46] H x 13 [330] W x 2 [51] D
EW0701: 1.8 [46] H x 21.5 [546] W x 2 [51] D

ACCESSORIES



EZ0120 PIR Motion Sensor - 110° cone, adjustable sensitivity
(automatically activates light when human movement is detected)

THE DIRT

SUBSCRIBE TODAY FOR FREE

NOW AVAILABLE
DIGITALLY

TAKE THE DIRT
WITH YOU
ANYWHERE
ANYTIME

Cables, Plugs & Connectors



E94011
Modular Connector
Used with EW2320 & EW2321



EW4002-NA
North American AC Plug Adapter,
110 VAC
Used with EW2461



EW4003
Cigarette Plug Charger
Used with EW2461



EZ0351
Replacement bullet connectors
Used with EW0351



EZ0112
Cap & wire for spliced sections
Used with EW0100 Series



accessories

Mounting Hardware



ER3100MK / ER3200MK
Utility Bar Mounting Kit
ER3100MK used with single row
ER3200MK used with double row



EW2400MK
Mounting Bracket
Used with EW2470/71, EW2480/81,
EW2490/91, EW2019



EW4001
Replacement mounting base
Used with EW2450 / EW2451



EZ0013MK
Replacement Mounting Kit
Used with E92008, EW2501



EZ0010MK
Replacement Mounting Kit
Used with E92004, E92005, E92006,
E92007, EW2411



EZ0011MK
Replacement Mounting Kit
Used with EW2421, EW2431



EZ0012MK
Replacement Mounting Kit
Used with EW2440, EW2441



EZ0015MK
Replacement Mounting Kit
Used with EW2510, EW2511



EZ0016MK
Replacement Mounting Kit
Used with EW2019, EW2402, EW2403



EZ0017MK
Replacement Mounting Kit
(1.5" screws)
Used with EW2409



EZ2409GM
Replacement Mounting Kit
(3" screws)
Used with EW2409



EW4000
Replacement handle
Used with EW2450 / EW2451



EW4004
Replacement Handle
Used with EW2461

Switches & Controls



EZ0120
PIR Motion Sensor
110° cone, adjustable sensitivity
Used with Interior Lighting (5 amp max)



EZ2127SB
Switch box - 3 level slide,
6 switch 12V
Used with all Directionals



A9000
Switchbox - 6 switch 12V
Used with all Directionals



A9891
Illuminated 12V-Amber-SPST
Used with all Directionals



A9893
Switch panel - single slot
(excludes switch)
Used with A9891 / A9892



A9904
Bracket mounting kit
Used with A9901 / A9902 / A9903



A9905SW
On/off & flash pattern switches
Used with multiple pattern LEDs



A9660SW
Remote strobe switch
Used with 9660 Series



A9901
Illuminated 12V
Used with all Directionals



A9902
Bracket - end section
Used with A9901



A9903
Bracket - center section
Used with A9901



part number index

INTERIOR LIGHTING	PART #	PAGE #	LUMENS (Raw)	VDC	BEAM
	EW0115	37	200	12	Flood
	EW0116	37	375	12	Flood
	EW0117	37	700	12	Flood
	EW0118	37	1100	12	Flood
	EW0200	38	425	12-24	Flood
	EW0210	38	100	12	Spot
	EW0211	38	100	12	Spot
	EW0220	38	75	12	Spot
	EW0221	38	75	12	Spot
	EW0230	38	150	12-24	Flood
	EW0231	38	150	12-24	Flood
	EW0240	38	150	12-24	Flood
	EW0241	38	150	12-24	Flood
	EW0310	39	125	12-24	Flood
	EW0311	39	100	12	Flood
	EW0351	39	300	12	Flood
	EW0400	40	200	12-24	Flood
	EW0401	40	445	12-24	Flood
	EW0402	40	650	12-24	Flood
EW0410	40	200	12-24	Flood	
EW0411	40	475	12-24	Flood	
EW0412	40	650	12-24	Flood	
EW0500	41	250	12-24	Flood	
EW0501	41	375	12-24	Flood	
EW0502	41	400	12-24	Flood	
EW0503	41	600	12-24	Flood	
EW0600	42	2000	12-24	Flood	
EW0601	42	3700	12-24	Flood	
EW0602	42	4900	12-24	Flood	
EW0700	43	400	12-24	Flood	
EW0701	43	1250	12-24	Flood	
WORKLAMPS	PART #	PAGE #	LUMENS (Raw Effective)	VDC	BEAM
	E92004	19	700 675	12-24	Flood
	E92005	18	1000 950	12-24	Flood
	E92006	18	1450 1350	12-24	Flood
	E92007	19	700 675	12-24	Flood
	E92007-HV	19	800 750	12-80	Flood
	E92007-MG	19	750 700	12-24	Flood
	E92008	10	2300 2100	12-24	Flood
	E92013	22	675 600	12-24	Flood
	EW2002 NEW	29	-	12-80	Pedestrian Spot
	EW2010	28	-	12-56	Pedestrian Arrow
	EW2015 NEW	28	-	12-80	Boundary Line



part number index

WORKLAMPS	PART #	PAGE #	LUMENS (Raw Effective)	VDC	BEAM
	EW2019	22	600 575	12-24	Flood
EW2101	13	1650 1400	12-24	Flood	
EW2101-HV	13	925 900	12-80	Flood	
EW2102	13	2000 1600	12-24	Flood	
EW2110 NEW	17	1000 925	12-80	Flood	
EW2300	9	3100 2700	12-24	Spot	
EW2301	9	3000 2600	12-24	Flood	
EW2303	16	1250 1150	12-24	Flood	
EW2304	16	1250 1150	12-24	Spot	
EW2310	8	5100 3600	12-24	Spot	
EW2311	8	4950 3600	12-24	Flood	
EW2320	12	2400 2100	12-24	Spot	
EW2321	12	2400 2100	12-24	Flood	
EW2340	12	2200 1700	12-24	Spot	
EW2341	12	2050 1550	12-24	Flood	
EW2402 NEW	23	500 475	12-24	Spot	
EW2403 NEW	23	500 500	12-24	Flood	
EW2409 NEW	15	850 825	12-24	Flood	
EW2411	15	1000 900	12-24	Flood	
EW2421	11	2400 2200	12-24	Flood	
EW2431	11	2075 1875	12-24	Flood	
EW2440	16	800 800	12-24	Spot	
EW2441	16	725 700	12-24	Flood	
EW2450	14	1300 1100	12-24	Spot	
EW2451	14	1300 1100	12-24	Flood	
EW2461	21	650 600	12-24	Flood	
EW2470	24	725 700	12-24	Spot	
EW2471	24	775 725	12-24	Flood	
EW2480	25	675 650	12-24	Spot	
EW2481	25	800 750	12-24	Flood	
EW2490	25	700 650	12-24	Spot	
EW2491	25	725 700	12-24	Flood	
EW2501	10	2900 2500	12-24	Flood	
EW2510	9	5100 4500	12-24	Spot	
EW2511	9	5000 4500	12-24	Flood	
UTILITY BARS	PART #	PAGE #	LUMENS (Raw Effective)	VDC	BEAM
	EW3108-S	32	1150 1100	12-24	Spot
	EW3108-F	32	1100 1000	12-24	Flood
	EW3114	34	3375 2600	12-24	Flood / Spot Combo
	EW3124	35	5900 4400	12-24	Flood / Spot Combo
	EW3208-S	33	2475 2250	12-24	Spot
	EW3208-F	34	2150 1950	12-24	Flood
	EW3214	34	6700 4800	12-24	Flood / Spot Combo
	EW3225	35	12,325 8800	12-24	Flood / Spot Combo



REVERSING SAFETY





contents guide



Alarms & Audible Devices



Camera Systems



Camera Wiring Guide



Camera Accessories



The Dirt Magazine



Part Number Index

symbol guide



Part Number



Type



Volts



Decibels



Amps



Mounting



Approvals



Warranty



Monitor



Camera



Cable



Control Box &
Proximity Sensors



certifications

Certifications & Standards

Alarms


SAE Type A, B, C, D, E & F Indicates compliance with the relevant section of the Society of Automotive Engineers general requirements for back-up alarms and other audible warning devices. Specific type indicates the dB(A) of the alarm.

General

CE Indicates compliance with general mandatory European product safety regulations (electromagnetic compatibility).

R10 Indicates compliance with mandatory European product safety regulations specifically related to electrical products for on-road vehicles (electromagnetic compatibility).

IP Indicates level of environmental protection provided by a product enclosure as defined by the European Committee for Electro Technical Standardization. Ingress Protection (IP) ratings are stated as two numbers, the first number relates to protection from solid materials (1-6), and the second number to protection from liquids (1-8). The higher the number, the greater the protection.

UL /  Indicates compliance with a relevant electrical product safety standard as defined by Underwriters Laboratories (UL). UL recognized products are suitable for use on electrically powered vehicles that are themselves covered by a UL standard (i.e. forklifts).

AMECA Indicates 3rd party, independent verification of SAE compliance by the Automotive Manufacturers Equipment Compliance Agency.

Cameras

FCC Indicates compliance with the types and levels of radio interference that products can produce or accept without requiring a license. Operation is subject to the condition that this device does not cause harmful interference.

RoHS Indicates compliance with European directive restricting the use of hazardous substances such as lead, mercury, cadmium, hexavalent chromium, and six other substances.

RCM Formerly C-Tick. Indicates that a product complies to the EMC requirements established by the Australian Communications and Media Authority (ACMA).

BE SAFE, BUT KEEP THE NOISE DOWN



According to the Bureau of Labor Statistics, about 70 workers die each year in the US due to commercial vehicle reversing accidents. Countless other reversing accidents result in serious injury and expensive damage to vehicles and equipment. Regardless of your industry, protecting workers, the public, and your company assets is both a moral and a legal obligation. This is why installing back-up alarms is so important. Meeting these requirements while minimizing disturbance to neighbors is a delicate balancing act. Alleviate the dilemma quickly and easily with ECCO's extensive line of Reversing Safety Solutions.

BACK-UP ALARM SELECTION WHAT ARE THE OPTIONS?

There are several decisions to be made when selecting a back-up alarm.

First, you have the choice between a tonal alarm and a multi-frequency alarm. Industry experts have suggested either can provide an effective warning, and each has its merits as described below.

Second, you must choose an alarm with the appropriate sound pressure level (SPL). OSHA requires a reverse alarm to be audible above the surrounding noise level. If you know the ambient noise level and it remains reasonably constant, then the appropriate fixed dB alarm can be selected, whether tonal or multi-frequency.

The key is complying with the requirements of OSHA while selecting the lowest SPL alarm possible so as not to create a noise nuisance. Fortunately, ECCO pioneered another solution — the Smart Alarm®, available in either tonal or multi-frequency. Smart Alarms monitor ambient noise and automatically adjust their output to 5dB above that, satisfying OSHA's requirements. Smart Alarms are the perfect solution for worksites with inconsistent noise or varying noise levels.\

TONAL VS MULTI-FREQUENCY

So what's the difference?

Tonal alarms emit sound at a single, predominant frequency resulting in the familiar “beep-beep” warning signal that we've all grown accustomed to. Conversely, multi-frequency alarms emit sound at multiple frequencies within a narrow band resulting in a “shhh-shhh” warning sound. There is no scientific evidence to prove either sound is more effective than the other in a reversing vehicle application. However, there are several points of view that should be considered when deciding which option is best for you.

BEEP
TONAL

The beep-beep sound is a familiar signal that is readily understood as a danger signal.

The sound is more piercing and therefore less likely to be masked by ambient noise such as vehicle engines.

SHHH
MULTI-FREQUENCY

Shhh-shhh is a newer sound that has been introduced as a warning signal.

The sound is perceived to be more directional.

The sound is perceived to dissipate more quickly outside the danger zone behind the vehicle.



back-up alarms



Listens
0.4 Seconds



Sounds
0.5 Seconds



Shuts Down
0.1 Seconds



**Cycle
Repeats**

Smart Alarms® self-adjust to their environment as they constantly measure ambient noise and adjust their sound level to 5 dB(A) above, creating a volume that is safe without being annoying or contributing to noise pollution. Pure Tone models feature the familiar beep-beep sound of a conventional back-up alarm while Multi-Frequency versions provide a solution to potential noise pollution created by conventional back-up alarms in confined or densely populated work areas. Multi-Frequency alarms maintain a safe warning signal for those in the danger zone of backing vehicles while minimizing disturbance to work-site neighbors by using a range of sound frequencies within a narrow band to emit a warning signal that is more directional and perceived to dissipate quicker than that of a Pure Tone alarm.



back-up alarms

Smart Alarms®



SA950
T Smart
V 12-24
dB(A) 82-102
A 0.4
X 2 Bolt
Ⓢ CE, R10, UL, IP65
⌚ 2 Year



SA951
T Smart
V 12-48
dB(A) 77-97
A 0.2
X 2 Bolt
Ⓢ CE, R10, UL
⌚ 2 Year



SA955
T Smart
V 12-24
dB(A) 82-102
A 0.4
X Grommet
Ⓢ CE, R10
⌚ 2 Year



EA9724
T Smart, MFA
V 12-24
dB(A) 77-97
A 0.7
X 2 Bolt
Ⓢ SAE J994 Type F, CE, R10, IP64
⌚ ECCOLIFE™



SA940
T Smart
V 12-24
dB(A) 87-112
A 0.6
X Grommet
Ⓢ CE, R10
⌚ ECCOLIFE™



SA901N
T Smart
V 12-24
dB(A) 82-107
A 0.3
X 2 Bolt
Ⓢ CE, R10, UL, IP64
⌚ ECCOLIFE™



SA931N
T Smart
V 12-48
dB(A) 82-102
A 0.2
X 2 Bolt
Ⓢ CE, R10, UL, IP64
⌚ ECCOLIFE™



EA9780
T Smart, MFA
V 36-80
dB(A) 77-97
A 0.8
X 2 Bolt
Ⓢ SAE J994 Type F, CE, R10
⌚ ECCOLIFE™



SA917N
T Smart
V 12-24
dB(A) 87-112
A 1.5
X 2 Bolt
Ⓢ SAE J994 Type F, CE, R10
⌚ ECCOLIFE™



SA914N
T Smart
V 12-24
dB(A) 87-112
A 1.5
X 2 Bolt
Ⓢ SAE J994 Type F, CE, R10
⌚ ECCOLIFE™



SA907N
T Smart
V 12-24
dB(A) 82-107
A 0.5
X 2 Bolt
Ⓢ CE, UL, R10, IP64
⌚ ECCOLIFE™



EA9070
T Smart, MFA
V 12-24
dB(A) 87-107
A 0.9
X 2 Bolt
Ⓢ SAE J994 Type F, CE, R10, IP66
⌚ ECCOLIFE™



SA920
T Smart
V 12-24
dB(A) 97-112
A 0.6
X 2 Bolt
Ⓢ CE, R10, IP66
⌚ 2 Year

**BE A BETTER
NEIGHBOR**

CAUTION
VEHICLE STOPS AND BACKS FREQUENTLY

CAUTION
WIDE
RIGHT
TURNS
DO NOT PASS
ON RIGHT

CAUTION
RIGHT-HAND SIDE
DRIVER





back-up alarms

Multi-Frequency™ Alarms (MFA)

Emits sound at multiple frequencies attenuated above 4000Hz

Compact design and universal mounting maximizes location options

Encapsulated electronics extend product life

DIMENSIONS

3.2 [82] H x 7.2 [183] W x 4 [102] D (EA7020/7070)

3.1 [78] H x 5.0 [127] W x 2.7 [68] D (EA6100/6110)

2.8 [72] H x 4.0 [102] W x 1.6 [41] D (EA5050/5200)



- # EA5050
- T MFA
- V 12-24
- dB(A) 87
- A 0.34
- X 2 Bolt
- ⊙ SAE J994 Type D
CE, R10, AMECA
- 🕒 2 Year



- # EA5200
- T MFA
- V 12-24
- dB(A) 97
- A 1.0
- X 2 Bolt
- ⊙ SAE J994 Type C
CE, R10, AMECA
- 🕒 2 Year



- # EA6100
- T MFA
- V 12-24
- dB(A) 97
- A 0.7
- X 2 Bolt
- ⊙ SAE J994 Type C
CE, R10
- 🕒 ECCOLIFE™



- # EA9724
- T Smart, MFA
- V 12-24
- dB(A) 77-97
- A 0.7
- X 2 Bolt
- ⊙ SAE J994 Type F,
CE, R10
- 🕒 ECCOLIFE™



- # EA9780
- T Smart, MFA
- V 36-80
- dB(A) 77-97
- A 0.8
- X 2 Bolt
- ⊙ SAE J994 Type F,
CE, R10
- 🕒 ECCOLIFE™



- # EA7070
- T MFA
- V 12-24
- dB(A) 107
- A 0.8
- X 2 Bolt
- ⊙ SAE J994 Type B
CE, R10, AMECA, IP66
- 🕒 ECCOLIFE™



- # EA7020
- T MFA
- V 12-24
- dB(A) 102
- A 0.6
- X 2 Bolt
- ⊙ SAE J994 Type F
CE, R10, AMECA, IP66
- 🕒 ECCOLIFE™



- # EA9070
- T Smart, MFA
- V 12-24
- dB(A) 87-107
- A 0.9
- X 2 Bolt
- ⊙ SAE J994 Type F,
CE, R10, IP66
- 🕒 ECCOLIFE™



back-up alarms



Compact design and universal mounting maximizes location options

Stud terminal connection (575 = leadwire)

Self-grounding (except 575)

Encapsulated electronics extend product life

*SRC – Self Resonating Circuitry monitors the frequency of the alarm’s sound output on each cycle and adjusts to the optimum frequency for prevailing conditions. This feature maintains the most effective warning signal possible for the life of the alarm by compensating for speaker aging, temperature and humidity variations, as well as the effect of dust and moisture deposits.

500 Series

#	SA950	SA951
T	Smart	Smart
V	12-24	12-48
dB(A)	82-102	77-97
A	0.4	0.2
X	2 Bolt	2 Bolt
⊗	CE, R10, UL, IP65	CE, R10, UL
⌚	2 Year	2 Year
#	505	510
T	SRC*	SRC*
V	12-24	12
dB(A)	87	97
A	0.1	0.2
X	2 Bolt	2 Bolt
⊗	SAE J994 Type D CE, R10, UL, AMECA, IP65	SAE J994 Type C CE, R10, UL, AMECA, IP65
⌚	2 Year	2 Year
#	520	530
T	SRC*	SRC*
V	12-24	12-24
dB(A)	97	102
A	0.2	1.0
X	2 Bolt	2 Bolt
⊗	SAE J994 Type C CE, R10, UL, AMECA, IP65	SAE J994 Type F CE, R10, UL, IP65
⌚	2 Year	2 Year
#	585	575
T	SRC*	SRC*
V	12-48	12-24
dB(A)	97	107
A	0.1	0.9
X	2 Bolt	2 Bolt
⊗	SAE J994 Type C CE, R10, UL, AMECA	SAE J994 Type B CE, R10, UL
⌚	2 Year	2 Year

DIMENSIONS

2.8 [71] H x 4 [102] W x 1.6 [41] D

EFFICIENCY & SAFETY STARTS WITH ECCO

From reversing alarms to pedestrian warning lights, ECCO's complete line of Material Handling products offers everything your team needs to get the job done. All the products in the Material Handling line range from 12, 12-24, 12-48 and 12-80 volts making them ideal for warehouse operation.

Whether you need warning beacons to alert oncoming traffic or pedestrian warning lights for optimal safety, ECCO has the solution.



WHITE LIGHTING
E92007-HV
EW2110
EW2101-HV



WARNING LIGHTING
6262
6465



PEDESTRIAN WARNING
EW2015R
EW2002B



REVERSING SAFETY
585
SA951
EA9780
FH577
DF532



back-up alarms



DIMENSIONS

4.4 [111] Diameter x 2.8 [71] D

400 Series

Grommet Mount

Reverse mounted speaker protects against dust, moisture and vibration

Fits standard 4.5" rear lighting grommet

Encapsulated electronics extend product life

#	SA940	450
T	Smart	-
V	12-24	12-36
dB(A)	87-112	112
A	0.6	0.4
X	Grommet	Grommet
⊗	-	SAE J994 Type A, CE, R10
Ⓢ	CE, R10 ECCOLIFE™	CE, R10 ECCOLIFE™

600 Series

Reverse mounted speaker protects against dust, moisture and vibration

Designed for demanding applications

Encapsulated electronics extend product life



#	SA901N	SA931N
T	Smart	Smart
V	12-24	12-48
dB(A)	82-107	82-102
A	0.3	0.2
X	2 Bolt	2 Bolt
⊗	CE, R10, UL, IP64	CE, R10, UL, IP64
Ⓢ	ECCOLIFE™	ECCOLIFE™

#	610N	630N
V	12-36	12-36
dB(A)	97	107
A	0.4	1.2
X	2 Bolt	2 Bolt
⊗	SAE J994 Type C, CE, R10, UL, AMECA	SAE J994 Type B, CE, R10, UL, AMECA
Ⓢ	ECCOLIFE™	ECCOLIFE™

DIMENSIONS

3.1 [78] H x 5.0 [127] W x 2.7 [68] D



back-up alarms

800 Series

Reverse mounted speaker protects against dust, moisture and vibration

Designed for demanding applications

Encapsulated electronics extend product life



DIMENSIONS
4.2 [105] H x 5.7 [146] W x 3.1 [79] D

SA907N

- T Smart
- V 12-24
- dB(A) 82-107
- A 0.5
- X 2 Bolt
- ⊙ CE, R10, UL, IP64
- ⌚ ECCOLIFE™

SA917N

- T Smart
- V 12-24
- dB(A) 87-112
- A 1.5
- X 2 Bolt
- ⊙ SAE J994 Type F, CE, R10
- ⌚ ECCOLIFE™

830N

- V 12-36
- dB(A) 107
- A 1.1
- X 2 Bolt
- ⊙ SAE J994 Type B, CE, R10, AMECA
- ⌚ ECCOLIFE™

840N

- V 12-36
- 97/112 Switchable
- A 1.4
- X 2 Bolt
- ⊙ CE, R10, IP65
- ⌚ ECCOLIFE™

850N

- V 12-36
- 112
- A 1.3
- X 2 Bolt
- ⊙ SAE J994 Type A, CE, R10, UL, AMECA
- ⌚ ECCOLIFE™

As above, plus bracket including popular OEM mounting pattern



DIMENSIONS
4.2 [105] H x 7.1 [180] W x 3.1 [78] D

SA914N

- T Smart
- V 12-24
- dB(A) 87-112
- A 1.5
- X 2 Bolt
- ⊙ SAE J994 Type F, CE, R10
- ⌚ ECCOLIFE™

876N

-
- V 12-36
- 112
- A 1.3
- X 2 Bolt
- ⊙ SAE J994 Type A, CE, R10, UL, AMECA
- ⌚ ECCOLIFE™



back-up alarms

700 Series



DIMENSIONS

3.3 [84] H x 7.1 [181] W x 4 [102] D

OEM popular design
SA920 includes protective grille
Encapsulated electronics extend product life

#	SA920	777
T	Smart	-
V	12-24	12-24
dB(A)	97-112	97/107/112 Switchable
A	0.6	0.8
X	2 Bolt	2 Bolt
⊗	CE, R10, IP66	SAE J994 Type A, B, C, CE, R10, IP66
⌚	2 Year	2 Year

40 Series

Grommet Mount



Directs warning to rear of vehicle
Fits standard 4.5" rear lighting grommet
Encapsulated electronics extend product life

#	SA955
T	Smart
V	12-24
dB(A)	82-102
A	0.4
X	Grommet
⊗	CE, R10
⌚	2 Year

DIMENSIONS

4.1 [104] Diameter x 1.7 [43] D

200 Series



Compact profile
Stud terminal connection
Encapsulated electronics extend product life

#	210
V	12
dB(A)	97
A	0.1
X	2 Bolt
⊗	SAE J994 Type C
⌚	2 Year

DIMENSIONS

4.5 [114] H x 4.5 [114] W x 1.3 [33] D



back-up alarms

Audible Devices

Panel mount 1.25" hole
Piezo electronics
Encapsulated electronics extend product life



201120
T Fast Pulse
V 12-48
dB(A) 80
A 0.1
UL
6 Month



202120
T Slow Pulse
V 12-48
dB(A) 80
A 0.1
-
6 Month



204120
T Dual Mode
V 12-48
dB(A) 80
A 0.1
6 Month



208120
T Loud Continuous
V 12-36
dB(A) 86
A 0.1
6 Month



209120-E
T Continuous
V 12-48
dB(A) 80
A 0.1
UL
6 Month

DIMENSIONS
1.3 [33] H x 1.7 [43] Diameter
1.8 [45] H including terminals

Warning Alarms



CT530-2LDW
T Constant Tone
V 12-24
dB(A) 102
A 0.5
2 Bolt
CE, R10, UL, IP64
2 Year



FH575
T Forward Horn
V 12
dB(A) 107
A 0.5
2 Bolt
SAE J1105 Type L
CE, R10, UL
2 Year



FH577
T Forward Horn
V 24-48
dB(A) 107
A 1.2
2 Bolt
CE, R10, UL
2 Year



DT500
T Dual Tone
V 12-24
dB(A) 97
A 0.5
2 Bolt
CE, R10, IP65
2 Year



DT500FP-LWC
T Dual Tone
V 12-24
dB(A) 102 Fast Pulse
A 0.9
2 Bolt
CE, R10, UL, IP64
2 Year



DF532
T Dual Function
V 12-24
dB(A) 102 Back-Up, 102 Dual Tone
A 0.3
2 Bolt
SAE J994 Type F, CE, R10, IP64
2 Year

DIMENSIONS
2.8 [72] H x 4.0 [102] W x 1.7 [44] D

Alarm Activation



DS-1500
T Drive Line Sensor
V -
A 5.0
1 Year



SW30
T 360°
V 12-80
A 10.0
1 Year



SW15
T 360°
V 12-80
A 10.0
1 Year



SW10
T Single Direction
V 12-24
A 0.5
1 Year

THE DIRT

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NOW AVAILABLE
DIGITALLY

TAKE THE DIRT
WITH YOU
ANYWHERE
ANYTIME



DON'T LET WIRES INTERFERE



EC7008-WK

**NOW AVAILABLE
7" WIRELESS SYSTEM**



camera systems





Auto pair

NEW

EC7008-WK Gemineye™ 7" Quad View LCD Color Wireless System

- 2.4 GHz digital wireless system
- Quad split screen & SD card enabled
- Four camera expandable

COMPONENTS

-  EC7008-WM
-  EC2027-WC

ACCESSORIES & REPLACEMENT PARTS

- ECANTE, ECANTE-5 Antenna
- ECANTE-R Remote Antenna
- PCY-EC7008-WM Wire Harness





camera systems



EC5605-WK Gemineye™ 5.6" LCD Color Wireless System

2.4 GHz digital wireless system
CMOS 11 LED infrared camera
Four camera expandable

COMPONENTS

-  EC5605-WM
-  EC2014-WC

ACCESSORIES & REPLACEMENT PARTS

ECANTE, ECANTE-5 Antenna
ECANTE-R Remote Antenna
PC1.8Y-W Wire Harness






camera systems



EC7000-QK Gemineye™ 7" Quad View LCD Color System

Quad view, split screen
CMOS 11 LED infrared camera
Four camera expandable

COMPONENTS

-  EC7000-QM
-  EC2014-C
-  ECTC20-4
(20m/65')

EXPANSION OPTIONS

-
- Any current ECCO camera
- ECTC5-4 (5m/16'), ECTC10-4
(10m/32'), ECTC20-4 (20m/65')

ACCESSORIES & REPLACEMENT PARTS

- PCY-EC7000-QM Wire Harness
- EZ7000-QM DVR Connection Cable



camera systems




EC7003-K Gemineye™ 7" LCD Color System

Touchscreen menu control
CMOS 11 LED infrared camera
Three camera expandable



COMPONENTS

EXPANSION OPTIONS

- | | |
|--|--|
|  EC7003-M | - |
|  EC2014-C | Any current ECCO camera |
|  ECTC20-4 (20m/65') | ECTC5-4 (5m/16'), ECTC10-4 (10m/32'), ECTC20-4 (20m/65') |

ACCESSORIES & REPLACEMENT PARTS PC1.8Y-4 Wire Harness

EC7004-SK Gemineye™ 7" LCD Color Reversing Sensor System





Integrated ultrasonic proximity sensors

CMOS 11 LED infrared camera
Three camera expandable



COMPONENTS

EXPANSION OPTIONS

- | | |
|---|--|
|  EC7003-M | - |
|  EC2014-C | Any current ECCO camera |
|  ECTC20-4 (20m/65') | ECTC5-4 (5m/16'), ECTC10-4 (10m/32'), ECTC20-4 (20m/65') |
|  EC1004-SK (4 sensors/speaker) | - |



camera systems






ACCESSORIES & REPLACEMENT PARTS
PC1.8Y-4 Wire Harness

EC5603-K Gemineye™ 5.6" LCD Color System

Touchscreen menu control
CMOS 11 LED infrared camera
Three camera expandable

COMPONENTS

-  EC5603-M
-  EC2014-C
-  ECTC20-4 (20m/65')

EXPANSION OPTIONS





-
- Any current ECCO camera
- ECTC5-4 (5m/16'), ECTC10-4 (10m/32'), ECTC20-4 (20m/65')



EC5604-SK Gemineye™ 5.6" LCD Color Reversing Sensor System

Integrated ultrasonic proximity sensors
CMOS 11 LED infrared camera
Three camera expandable

COMPONENTS

-  EC5603-M
-  EC2014-C
-  ECTC20-4 (20m/65')
-  EC1004-SK (4 sensors/speaker)

EXPANSION OPTIONS

-
- Any current ECCO camera
- ECTC5-4 (5m/16'), ECTC10-4 (10m/32'), ECTC20-4 (20m/65')
-



camera systems

EC4200-K **Gemineye™** 4.3" LCD Color Mirror System




Mirror integrated monitor

Flush mount CMOS 10 LED infrared camera

Two camera expandable

COMPONENTS

EXPANSION OPTIONS

	EC4204-M	-
	EC2015-C	Any current ECCO camera
	ECTC20-4	ECTC5-4 (5m/16'), ECTC10-4 (10m/32') , ECTC20-4 (20m/65')



EC4204-SK **Gemineye™** 4.3" LCD Color Mirror Reversing Sensor System





Integrated ultrasonic proximity sensors

Flush mount CMOS 10 LED infrared camera

Two camera expandable

COMPONENTS

EXPANSION OPTIONS

	EC4204-M	-
	EC2015-C	Any current ECCO camera
	ECTC20-4 (20m/65')	ECTC5-4 (5m/16'), ECTC10-4 (10m/32') , ECTC20-4 (20m/65')
	EC1004-SK (4 sensors/speaker)	-





camera systems






K7000B Gemineye™ 7" LCD Color System

CMOS 18 LED infrared camera

Includes monitor sunshade

Two camera expandable

COMPONENTS

-  M7000B
-  C2013B
-  ECTC20-4 (20m/65')

EXPANSION OPTIONS

-
- Any current ECCO camera
- ECTC5-4 (5m/16'), ECTC10-4 (10m/32'), ECTC20-4 (20m/65')



camera systems

NEW

EC5000B-K Gemineye™

5" LCD Color System

Compact monitor & camera design

Includes monitor sunshade

Three camera expandable



COMPONENTS

 EC5000B-M

 EC2020-C

 ECTC20-4
(20m/65')

EXPANSION OPTIONS

-

Any current ECCO camera

ECTC5-4 (5m/16'), ECTC10-4 (10m/32'),
ECTC20-4 (20m/65')

NEW

EC4210B-K Gemineye™

4.3" LCD Color Mirror System


Mirror integrated monitor

License plate bracket

Two camera expandable



COMPONENTS

 EC4210B-M

 EC2026-C

 ECTC20-4
(20m/65')

EXPANSION OPTIONS

-

Any current ECCO camera

ECTC5-4 (5m/16'), ECTC10-4 (10m/32'),
ECTC20-4 (20m/65')



camera systems monitors

One year warranty



EC4204-M **NEW** **EC4210B-M** **EC5603-M**

	EC4204-M	EC4210B-M	EC5603-M
approvals	FCC, CE, RoHS	FCC, CE, RoHS	FCC, CE, R10, RCM, RoHS
internal controller	Yes	Yes	Yes
color	Yes	Yes	Yes
voltage	12-24	12	12-24
power consumption (watts)	4.6	4.8	5
audio	Yes	Yes	Yes
day / night light sensor	Yes	-	Yes
dimensions	11.03" x 3.6" x 1.2"	10.2" x 3.5" x 0.8"	6.32" x 4.52" x 1.06"
weight	1.32 lbs	0.9 lbs	2.67 lbs
temperature (F°)	-4 to +158	-4 to +158	-4 to +158
screen size	4.3"	4.3"	5.6"
quad view	-	-	-
mirror image	-	-	Yes
remote control	Yes	Yes	Yes
sunshade	-	-	Yes
max cameras	2	2	3
4 pin camera connection	Yes	Yes	Yes



camera systems monitors



EC5605-WM	NEW EC5000B-M	EC7003-M	EC7000-QM	NEW EC7008-WM	M7000B
FCC, CE, R10, RoHS	FCC, CE, RoHS	FCC, CE, R10, RCM, RoHS	FCC, CE, RoHS	FCC, CE, R10, RoHS	CE, RoHS
Yes	Yes	Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes	Yes	Yes
12-24	12-24	12-24	12-24	12-24	12-24
8	2.6	6	6.4	6.4	5
Yes	-	Yes	Yes	Yes	-
Yes	Yes	Yes	Yes	Yes	Yes
6.32" x 4.51" x 1.06"	5.2" x 3.5" x 2.0"	8.4" x 6" x 2.8"	8.4" x 6" x 2.8"	8.4" x 6" x 2.8"	6.85" x 4.49" x 0.94"
2.87 lbs	0.8 lbs	3.3 lbs	3.3 lbs	3.3 lbs	0.88 lbs
-4 to +158	-4 to +158	-4 to +158	-4 to +158	-4 to +158	-4 to +158
5.6"	5.0"	7.0"	7.0"	7.0"	7.0"
-	-	-	Yes	Yes	-
Yes	-	Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes	Yes	-
Yes	Yes	Yes	Yes	Yes	Yes
4	3	3	4	4	2
-	Yes	Yes	Yes	-	Yes



camera systems cameras

One year warranty



	EC2014-C	EC2014-WC	NEW EC2027-WC	C2013B	EC2024-C
approvals	IP69K, FCC, CE, R10, RCM, RoHS	IP69K, FCC, CE, R10, RoHS	IP69K, FCC, CE, R10, RoHS	IP69K, FCC, CE, RoHS	IP69K, FCC, CE, R10, RoHS
color	Yes	Yes	Yes	Yes	Yes
power consumption (watts)	3	.25	1.7	1	2.5
microphone	Yes	Yes	Yes	-	Yes
day / night light sensor	Yes	Yes	Yes	Yes	Yes
dimensions	2.87" x 2.99" x 2.60"	2.87" x 2.99" x 2.98"	3.8" x 2.8" x 2.6"	2.92" x 3.01" x 2.62"	3.6" x 2.7" x 2.5"
weight	0.74 lbs	0.89 lbs	1 lbs	0.6 lbs	0.82 lbs
temperature (F°)	-4 to +158	-4 to +158	-4 to +158	-22 to +158	-22 to +158
lens angle	120°	120°	120°	120°	120°
lens size	1/3"	1/3"	1/3"	1/4"	1/10"
infrared LEDs	11	11	12	18	18
mechanical vibration	10G	10G	10G	8G	10G
4 pin camera connection	Yes*	-	-	Yes*	Yes*

*threaded connection

Kits include a short Y-type wiring harness. An additional camera and transmission cable (ECTC20-4) are required to expand the kit to two cameras.



camera systems cameras



EC2023-C

IP69K, FCC, CE, R10, RoHS

Yes

1.3

Yes

Yes

2.3" x 2.6" x 2.1"

0.51 lbs

-22 to +158

120°

1/10"

6

10G

Yes*



NEW
EC2026-C

IP69, FCC, CE, RoHS

Yes

1.8

-

-

7.7" x 1.9" x 1.6"

0.16 lbs

-22 to +158

170°

3/5"

-

10G

Yes*



EC2022-C

IP69K, FCC, CE, R10, RCM, RoHS

Yes

1.3

-

Yes

12.3" x 6.3" x 1.2"

0.73 lbs

-22 to +158

150°

3/5"

4

10G

Yes*



EC2015-C

IP67, FCC, CE, RoHS

Yes

< 1

-

Yes

1.69" x 1.24" x 1.1"

0.14 lbs

-22 to +158

120°

-

10

-

Yes*



EC2020-C

IP69, RoHS

Yes

2

-

-

0.9" x 0.9" x 0.9"

0.11 lbs

-22 to +158

170°

3/5"

-

10G

Yes*



EC2021-C

IP69, RoHS

Yes

2

-

-

0.6" diameter

0.09 lbs

-22 to +158

170°

3/5"

-

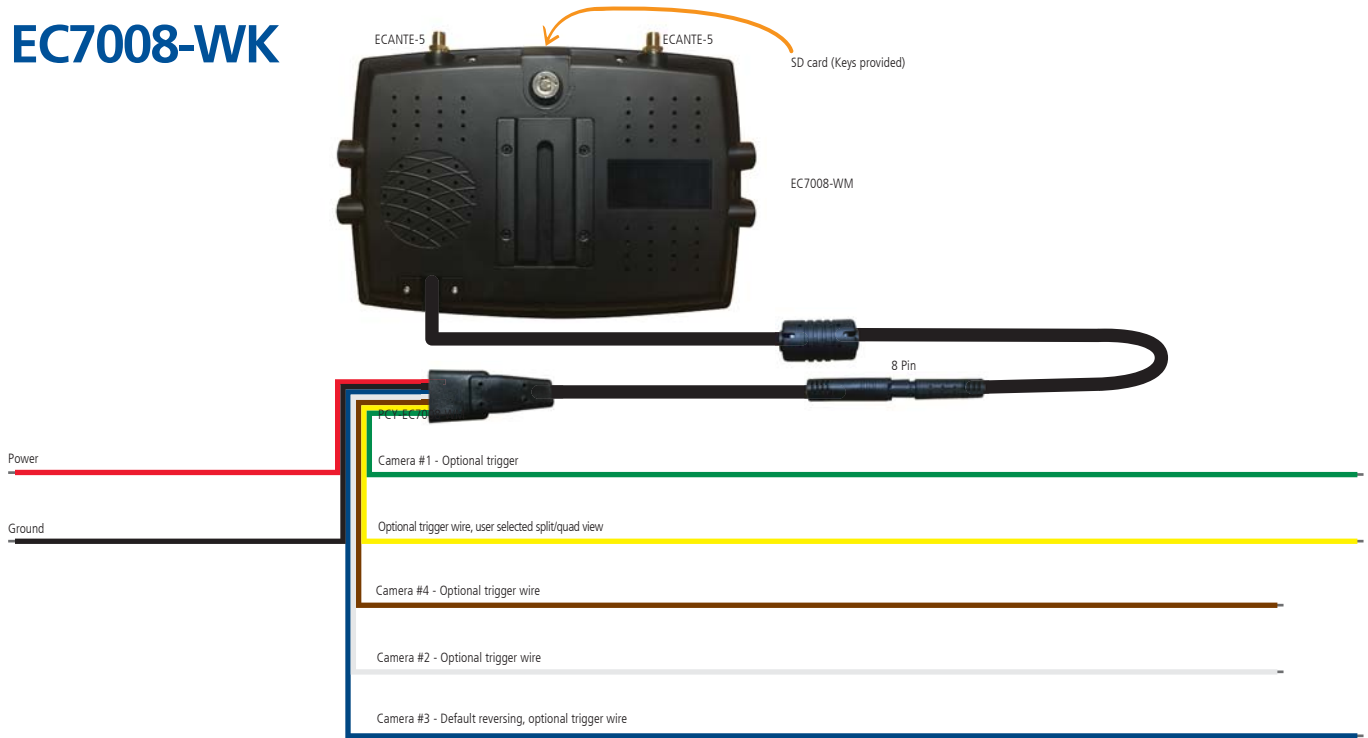
10G

Yes*

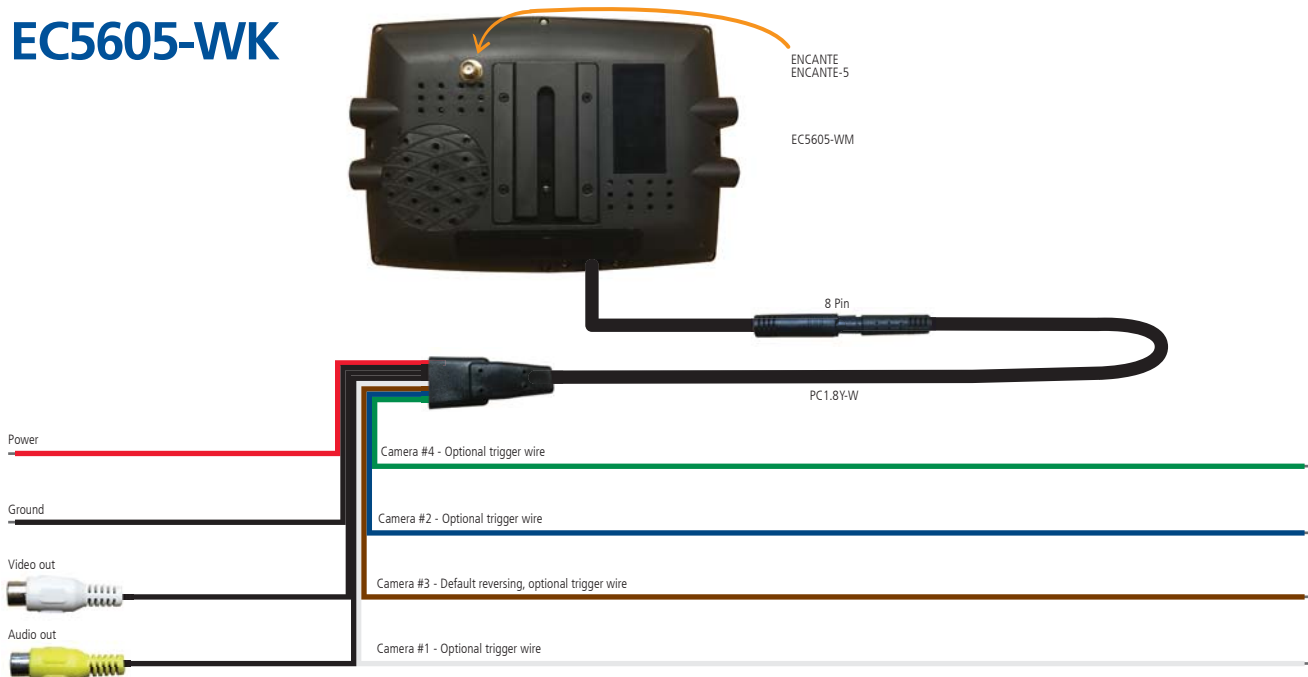


camera systems wiring guide

EC7008-WK

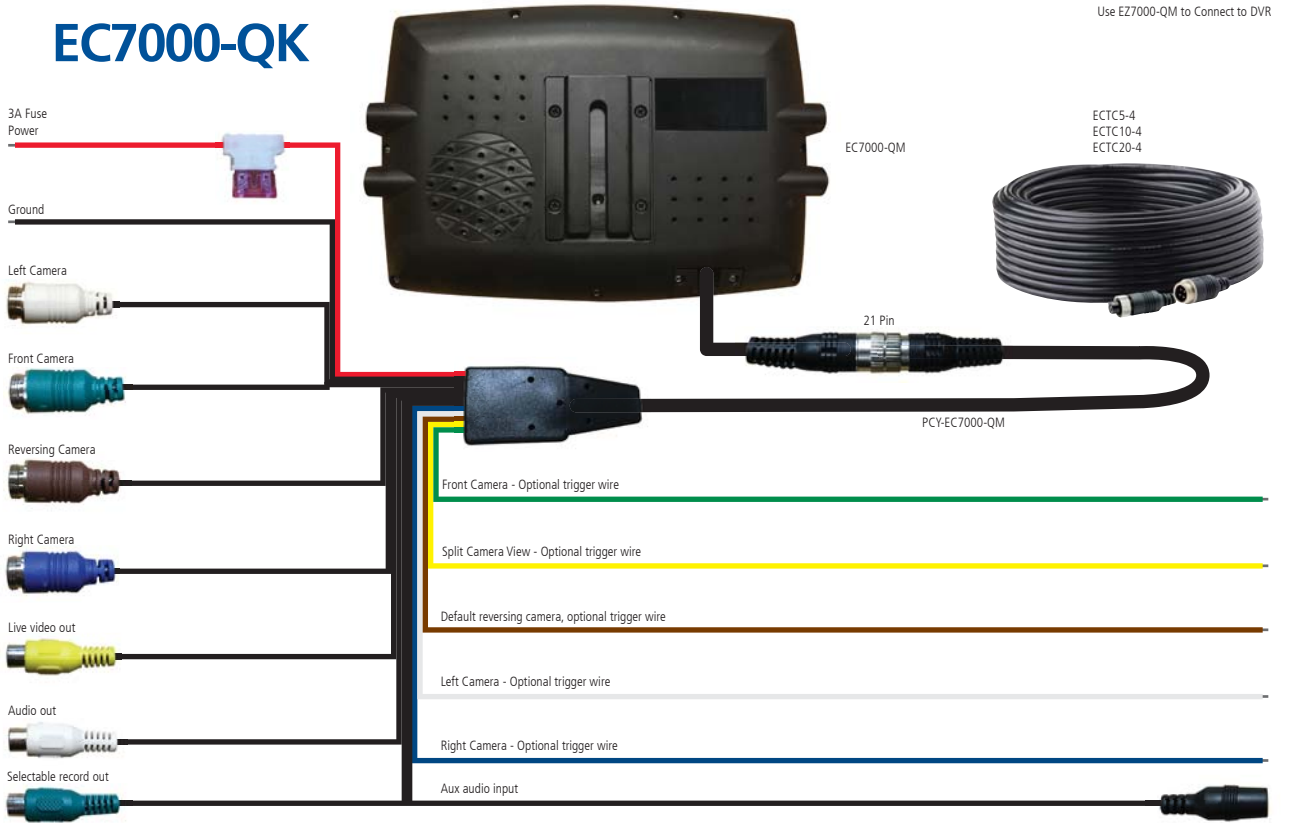


EC5605-WK

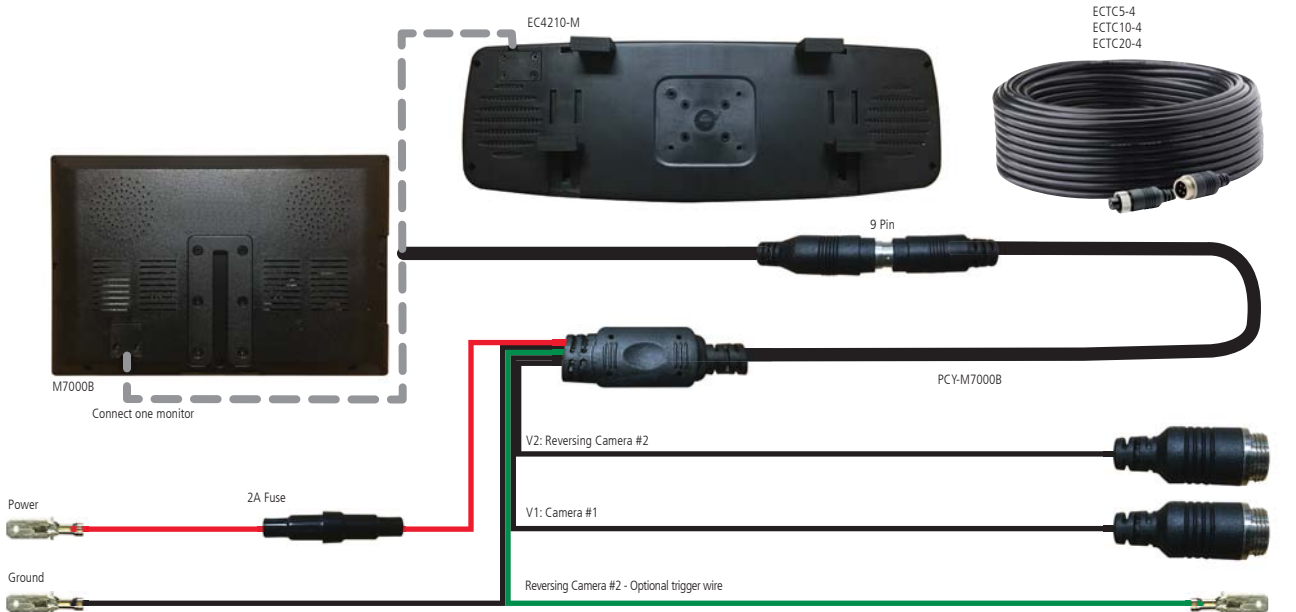




camera systems wiring guide



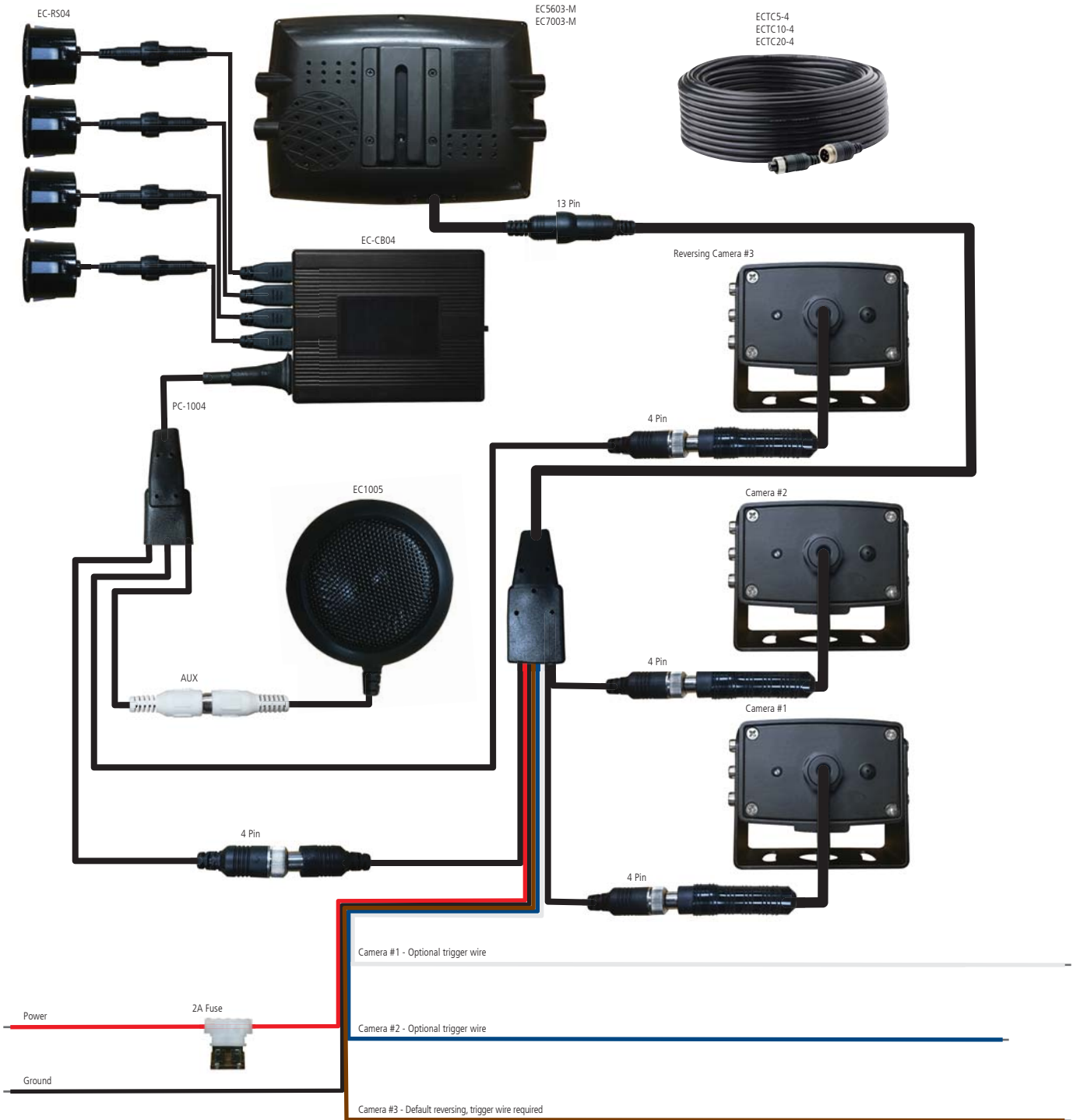
K7000B & EC4210-K





camera systems wiring guide

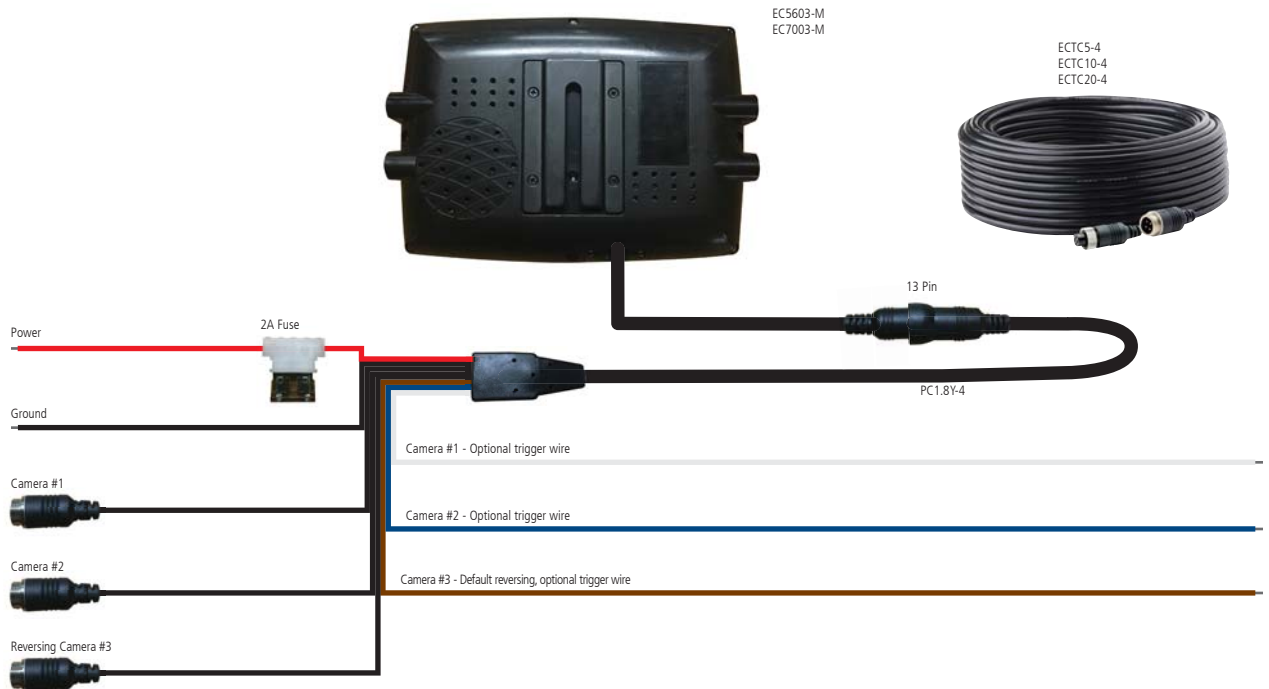
EC5604-SK & EC7004-SK



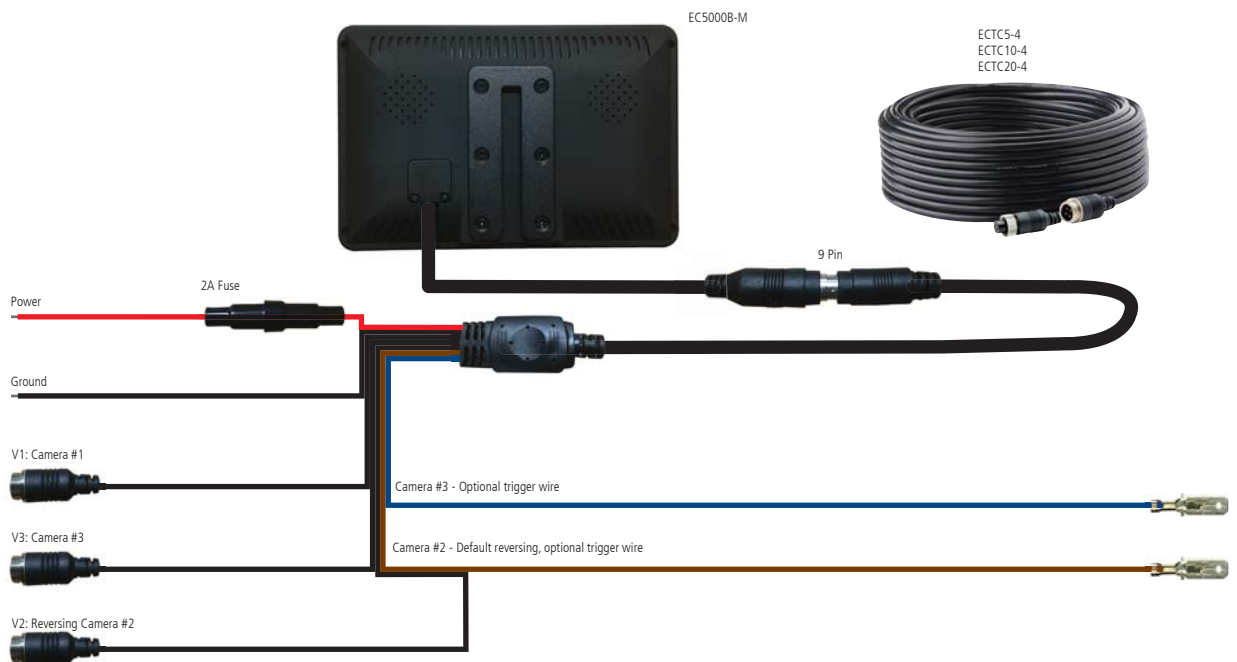


camera systems wiring guide

EC5603-K & EC7003-K



EC5000B-K





camera systems accessories

Wireless Modules



ECANTE-R
Remote antenna (3M cable)
Used with EC5605-WM, EC7008-WM, EC2014-WC, EC2027-WC



ECANTE / ECANTE-5
Replacement antenna
Used with EC1000-WMK, EC5605-WM, EC2014-WC, EC2027-WC, EC7008-WM



EC1000-WMK
12-24V, 5A IP69K,
-4° to +140° F, 0.75 lbs
4.13" x 4.10" x 1.01"
Converts EC5603-K & EC7003-K to wireless



MB01
Adhesive
5.0", 5.6" and 7.0"



MB03
3 Bolt
5.6" and 7.0"

Sensor Kit Components



EC1004-SK
Reversing sensor system
Kit includes all components:
EC-CB04, EC1005, EC-RS04 & PC-1004
(or order individually)



EC-CB04
Control box
Used with EC4204-SK, EC5604-SK, EC7004-SK & EC1004-SK



EC-RS04
4 Sensors
Used with EC4204-SK, EC5604-SK, EC7004-SK & EC1004-SK



EC1005
Speaker
Used with EC4204-SK, EC5604-SK, EC7004-SK & EC1004-SK



PC-1004
Power cable
Used with EC4204-SK, EC5604-SK, EC7004-SK & EC1004-SK



Requires ECCO monitor & camera

Camera Transmission Cables



ECTC5-4 5m/16' (4 pin)
ECTC10-4 10m/32' (4 pin)
ECTC20-4 20m/65' (4 pin)
For use with any current ECCO camera



ECTT-10-01 10m/32' (1 camera)
ECTT-10-02 10m/32' (2 camera)
ECTT-20-01 20m/65' (1 camera)
ECTT-20-02 20m/65' (2 camera)
For use with any current ECCO camera
Tractor to trailer socket connector
(7 to 4 pin monitor to curly = 5m/16')



EZ7000-QM 5m/16' (4 pin)
For use with any current ECCO camera

Kits include a short Y-type wiring harness. An additional camera and transmission cable (ECTC20-4) are required to expand the kit to multiple cameras.

Power / Trigger / Transmission Harnesses



PC1.8Y-W
6'7" (Female 8)
Used with EC5605-WM monitor



PCY-M7000B
5' (Male 4 / Male 9)
Used with M7000B monitor



PC1.8Y-4
6' (Male 4 / Female 13)
Used with EC5603-M, EC7003-M monitors



PCY-EC7000-QM
3' (Male 4 / Female 22)
Used with EC7000-QM monitor



PCY-EC7008-WM
6'5" (Male 8)
Used with EC7008-WM monitor



camera systems accessories

Adapters



ADPT-07
S-video to VHS (S = Female 4 / VHS = Male 4) - 5"



ADPT-08
S-video to VHS (S = Female 4 / VHS = Male 4) - 5"



ADPT-09
S-video to VHS (S = Female 4 / VHS = Male 6) - 5"



ECADPT-1
4 Pin Male Threaded to 4 Pin Female VHS



ECADPT-2
4 Pin Female Threaded to 4 Pin Male S-Video



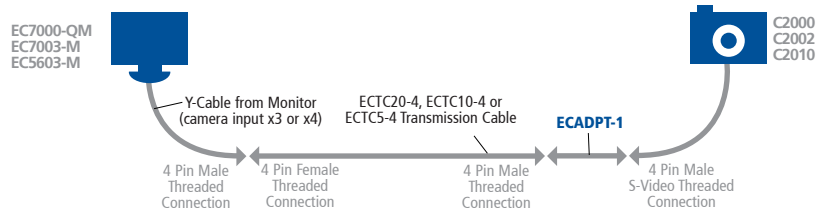
ECADPT-3
4 Pin Male VHS to 4 Pin Female Threaded



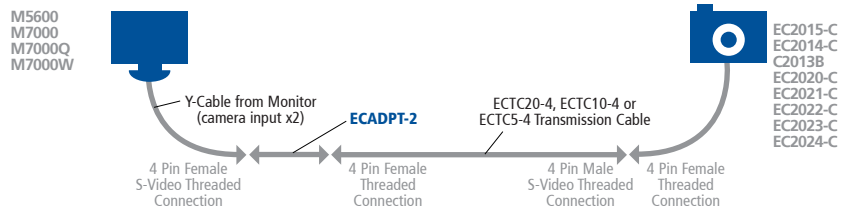
ECADPT-4
4 Pin Female S-Video to 4 Pin Male Threaded

Legacy Camera Adapter Applications

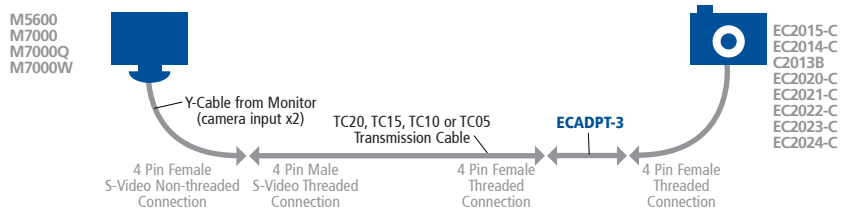
ECADPT-1



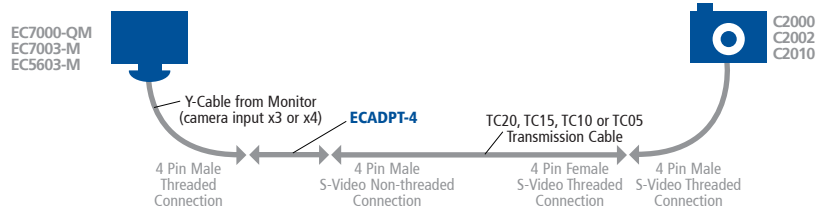
ECADPT-2



ECADPT-3



ECADPT-4





part number index

ALARMS	PART #	PAGE #	dB(A)	VDC	TECHNOLOGY
	210	16	97	12	Fixed dB
	450	14	112	12-36	Fixed dB
	505	12	87	12-24	Fixed dB
	510	12	97	12	Fixed dB
	520	12	97	12-24	Fixed dB
	530	12	102	12-24	Fixed dB
	575	12	107	12-24	Fixed dB
	585	12	97	12-48	Fixed dB
	610N	14	97	12-36	Fixed dB
	630N	14	107	12-36	Fixed dB
	777	16	97/107/112	12-24	Switchable
	830N	15	107	12-36	Fixed dB
	840N	15	97/112	12-36	Switchable
	850N	15	112	12-36	Fixed dB
	876N	15	112	12-36	Fixed dB
	201120	17	80	12-48	PIEZO
	202120	17	80	12-48	PIEZO
	204120	17	80	12-48	PIEZO
	208120	17	86	12-36	PIEZO
	209120-E	17	80	12-48	PIEZO
	CT530-2LDW	17	102	12-24	Constant Tone
	DF532	17	102 back-up/102 dual tone	12-24	Dual Function
	DS-1500	17	-	12-24	Drive Line Sensor
	DT500	17	97	12-24	Dual Tone
	DT500FP-LWC	17	102	12-24	Fixed
	EA5050	11	87	12-24	Fixed
	EA5200	11	97	12-24	MFA
	EA6100	11	97	12-24	MFA
	EA7020	11	102	12-24	MFA
	EA7070	11	107	12-24	MFA
	EA9070	9 & 11	87-107	12-24	Smart MFA
	EA9724	9 & 11	77-97	12-24	Smart MFA
	EA9780	9 & 11	77-97	36-80	Smart MFA
	FH575	17	107	12	Forward Horn
	FH577	17	107	24-48	Forward Horn
	SA901N	9 & 15	82-107	12-24	Smart
	SA907N	9 & 15	82-107	12-24	Smart
	SA914N	9 & 15	87-112	12-24	Smart
	SA917N	9	87-112	12-24	Smart
	SA920	9 & 16	97-112	12-24	Smart
	SA931N	9	82-102	12-48	Smart



part number index

ALARMS	PART #	PAGE #	dB(A)	VDC	TECHNOLOGY
	SA940	9 & 14	87-112	12-24	Smart
	SA950	9 & 12	82-102	12-24	Smart
	SA951	9 & 12	77-97	12-48	Smart
	SA955	9 & 16	82-102	12-24	Smart
	SW10	17	-	12-24	360°
	SW15	17	-	12-80	360°
	SW30	17	-	12-80	Single Direction
CAMERA KITS	PART #	PAGE #	WIRELESS	SCREEN SIZE	MAX # CAMERAS
	EC4200-K	25	-	4.3" Mirror	2
	EC4204-SK	25	-	4.3" Mirror	2
	EC4210-K NEW	27	-	4.3" Mirror	2
	EC5000B-K NEW	27	-	5.0"	3
	EC5603-K	24	-	5.6"	3
	EC5604-SK	24	-	5.6"	3 + Sensors
	EC5605-WK	21	Yes	5.6"	4
	EC7000-QK	22	-	7.0" Quad View	4
	EC7003-K	23	-	7.0"	3
	EC7004-SK	23	-	7.0"	3 + Sensors
	EC7008-WK NEW	20	Yes	7.0" Quad View	4
	K7000B	26	-	7.0"	2