# EZ-LIGHT™ Indicators — 85-130V ac



AC-operated, multi-color, general-purpose indicators

For the latest technical information about this product, including specifications, dimensions, and wiring, see <a href="https://www.BannerEngineering.com">www.BannerEngineering.com</a>.





- Rugged, cost-effective and easy-to-install indicators available in K50 or K80 housing style
- Illumination provides easy-to-see operator guidance and equipment status indication
- Compact devices are completely self-contained no controller needed
- 85 to 130V ac operation
- · Displays 3 colors
- · Immune to ambient light, EMI and RFI interference



Call Factory for more information.

# **Models**

Model	Construction	Connection*	LED Function**	Inputs
K50LGRYA120Q	50 mm dome/ 30 mm mount polycarbonate		3 Color: Green, Red, Yellow	85–130V ac
K80LGRYA120Q	50 mm dome/Flat or DIN-mount polycar- bonate			

<sup>\*</sup> Integral QD models are listed.

- For 150 mm PVC pigtail with QD, replace Q with QP in model number (example, K50LGRYA120QP).
- For 2 m (6.5') PVC cable, omit suffix **Q** from model number (example, **K50LGRYA120**).
- A model with a QD requires a mating cable (see 5-pin Micro-Style Cordsets with Shield on page 2)

# **Specifications**

### **Supply Voltage and Current**

85 to 130V ac @ 15 mA max.

# **Supply Protection Circuitry**

Protected against transient voltages

#### **Indicators**

LEDs are independently selected: Green, Red, or Yellow.

#### Input Response Time

Indicator ON/OFF: 1 ms max.

### **Environmental Rating**

Rated IEC IP67. K50L models fully encapsulated; K80L has encapsulated electronics only. K50L QD models meet IP69K, per DIN 40050-9; cabled models also meet IP69K if the cable and cable entrance are proteced from high-pressure spray.

### Connections

5-pin Micro-style integral QD (Q), 150 mm (6") pigtail QD (QP), or 2 m (6.5') integral cable, depending on model

K80L models: terminal-wired models available for use with bulk cable; compression fitting optional. Contact Factory for cable information.

### **Operating Conditions**

-40° to +50° C (-40° to +122° F)

90% @ 55° C max. relative humidity (non-condensing)

# Certifications

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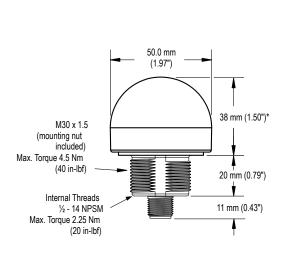


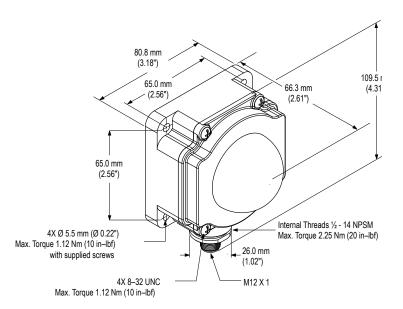
P/N 134548 rev. A 3/17/2011

<sup>\*\*</sup> Contact factory for other colors and color combinations.

# **Dimensions**

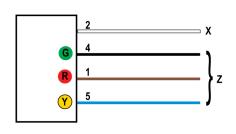
K50L K80L

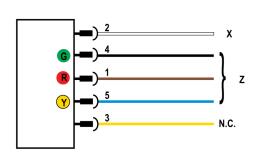




# Wiring

Cabled Models QD Models Key:





1 = Brown
2 = White
3 = Yellow
4 = Black
5 = Blue
G = Green
R = Red
Y = Yellow
X = V ac Neutral
Z = Input 85 to 130V ac
N.C. = Not Used

# 5-pin Micro-Style Cordsets with Shield

5-pin Micro-Style Cordsets with Shield (straight connector)

MQVR3S-506, 2 m (6.5')

MQVR3S-515, 5 m (15')

MQVR3S-530RA, 2 m (6.5')

MQVR3S-515RA, 5 m (15')

MQVR3S-530RA, 9 m (30')

# **Mounting Brackets**

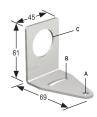
All measurements in mm

### SMB30A

- Right-angle bracket with curved slot for versatile orientation
- Clearance for M6 (1/4") hardware
- 30 mm mounting hole
- 12-ga. stainless steel

Hole center spacing: A to B=40.0

Hole size: A=ø 6.3, B=27.3 x 6.3, C=ø 30.5

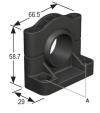


## SMB30SC

- Swivel bracket with 30 mm mounting hole
- Black reinforced thermoplastic polyester
- Stainless steel mounting and swivel locking hardware included

Hole center spacing: A to B=50.8

Hole size: A=ø 7.0



### SMB30FA

- Swivel bracket with tilt and pan movement for precision adjustment
- 30 mm mounting hole
- 12-ga. 304 stainless steel

A=3/8 - 16 x 50.8 Hole size: B=ø 30.1



### SMBAMS30P

- Flat SMBAMS series bracket
- 30 mm mounting hole
- Articulation slots for 90+° rotation
- 12-ga. 300 series stainless steel



**Hole center spacing:** A=26.0, A to B=13.0 **Hole size:** A=26.8 x 7.0, B=Ø 6.5, C=Ø 31.0

### SMB30MM

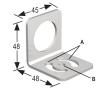
- 12-ga. stainless steel bracket with curved mounting slots for versatility and orientation
- Clearance for M6 (¼") hardware
- 30 mm mounting hole

**Hole center spacing:** A=51.0, A to B=25.4 **Hole size:** A=42.6 x 7.0, B=Ø 6.4, C=Ø 30.1



# SMBAMS30RA

- Right-angle SMBAMS series bracket
- 30 mm mounting hole
- Articulation slots for 90+° rotation
- 12-ga. cold rolled stainless steel



**Hole center spacing:** A=26.0, A to B=13.0 **Hole size:** A=26.8 x 7.0, B=Ø 6.5, C=Ø 31.0

### For K80L

#### SMBDX80D

- DIN-mount bracket for K80L models, mounts on 35 mm DIN rail
- · Hardware included to mount to K80L housing
- · Black reinforced thermoplastic



# **Contact Us**

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