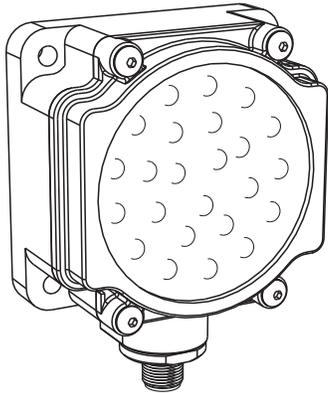


# EZ-LIGHT® K80FDL Daylight Visible



Large, Multicolor, Daylight Visible General Purpose Solid ON or Flashing Indicator

For the latest technical information about this product, including specifications, dimensions, and wiring, see [www.BannerEngineering.com](http://www.BannerEngineering.com)



- Multicolor, single segment
- 1-, 2-, or 3-color models available; 6 available colors
- DIP switches adjust solid ON or flashing for each color
- Two user-selectable flash rates
- 12 to 30V dc operation
- Flat-mount

## Models

Family	Color 1	Color 2	Color 3	Input	Connector*
K80FDL	G	Y	R	P	Q
MODEL KEY	G = Green R = Red Y = Yellow B = Blue W = White O = Orange X = No color in this position			P = PNP	Q = 4-pin Euro QD Blank = terminal wired QP = Euro Pigtail QD

Example Model	# of LED Colors	LED Indicators	Connection
K80FDLGXXPQ	1	Green	4-pin Euro QD Connector
K80FDLRXXPQ		Red	
K80FDLGRXP	2	Green, Red	Terminal wired
K80FDLGYXP		Green, Yellow	
K80FDLGRYPQP	3	Green, Red, Yellow	Euro Pigtail QD Connector



### WARNING: Not To Be Used for Personnel Protection

Never use this product as a sensing device for personnel protection. Doing so could lead to serious injury or death. This product does NOT include the self-checking redundant circuitry necessary to allow its use in personnel safety applications. A sensor failure or malfunction can cause either an energized or de-energized sensor output condition.

## Specifications

### Supply Voltage and Current

12V dc @ 140 mA max.

30V dc @ 60 mA max.

### Indicators

1, 2, or 3 colors, depending on model

### Input Response Time

10 ms max.

### Adjustments

6-position Program DIP switch on the back of the indicator cover.

For normal operation, no adjustment should be necessary; these switches should remain all in the down position.

For alternate operation (flash functionality), see [Setup for Solid ON or Flash](#) on page 2

### Construction

Base: polycarbonate

Translucent face: acrylic

### Connections

Integral 4-pin Euro-style QD fitting; 150 mm (6") PVC pigtail with QD; or terminal-wired, depending on model.

Optional ½-14 NPSM cord grip model BWA-CG-5-1.

### Environmental Rating

IEC IP67

### Operating Conditions

-40° to +50° C (-40° to +122° F)

### Certifications

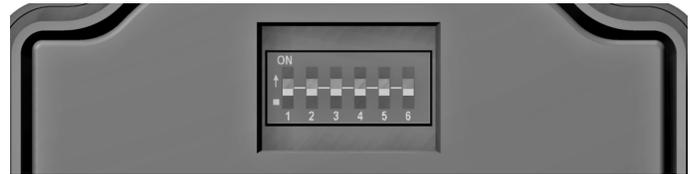


## Setup for Solid ON or Flash



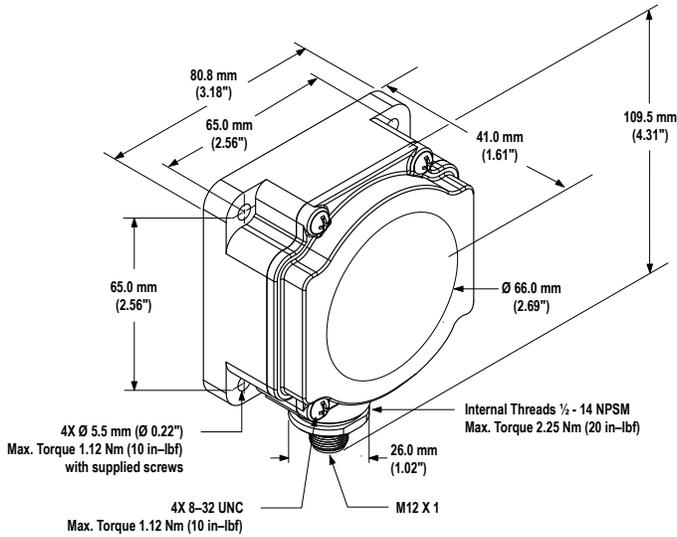
**NOTE:** The Program DIP switch is located inside the cover.

Remove the four screws to remove the cover.

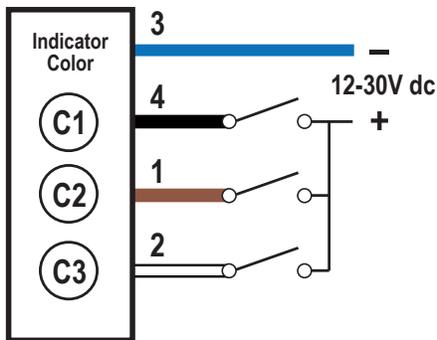


Switch Number	Position	Function	Switch Number	Position	Function
1	ON	No function	4	ON	Color 2 flash
	OFF			Color 2 solid ON	
2	ON	No function	5	ON	Color 3 flash
	OFF			Color 3 solid ON	
3	ON	Color 1 flash	6	ON	Flash rate 1 Hz
	OFF	Color 1 solid ON		OFF	Flash rate 2 Hz

## Dimensions



## Hookups



### Wiring Key

- 1 = Brown
- 2 = White
- 3 = Blue
- 4 = Black

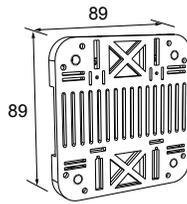
## 4-Pin Euro-Style Cordsets

4-Pin Threaded M12/Euro-Style Cordsets				
Model	Length	Style	Dimensions	Pinout
MQDC-406	1.83 m	Straight		 1 = Brown 2 = White 3 = Blue 4 = Black
MQDC-415	4.57 m			
MQDC-430	9.14 m			
MQDC-450	15.2 m			
MQDC-406RA	1.83 m	Right-Angle		
MQDC-415RA	4.57 m			
MQDC-430RA	9.14 m			
MQDC-450RA	15.2 m			

## Brackets

### SMBDX80DIN

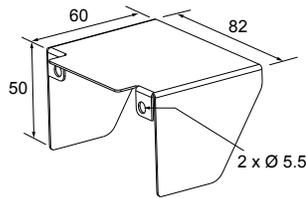
- Black reinforced thermo-plastic
- Bracket for mounting on 35 mm DIN rail



## Sun Shield

### K80DS

- Use for enhanced visibility to shade the unit from direct sunlight
- Black painted steel



## Banner Engineering Corp Limited Warranty

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