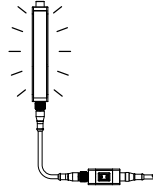
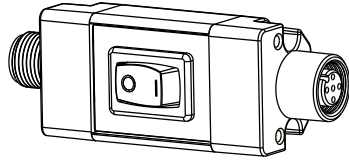


# In-Line On/Off Rocker Switch



## Datasheet



- In-line switch with M12 connectors
- Rugged metal housing
- Perfect for dc-powered task lights
- Rated for up to 30 V dc

(WLS28PBQ shown)

Models	Description	Used With
WLS28PBQ	2 position In-line switch	2-wire dc LED lights
WLS28-2PBQ	3 position In-line switch	WLS28-2 and WLS28-2 Dual Color

WLS28-2PBQ models can be used with the WLS28-2 family for controlling the two levels of intensity or on the WLS28-2 Dual Color family for Color 1 or Color 2 selection.



**Important:** Lea el siguiente instructivo antes de operar el luminario. Por favor descargue desde [www.bannerengineering.com](http://www.bannerengineering.com) toda la documentación técnica de los In-Line On/Off Rocker Switch, disponibles en múltiples idiomas, para detalles del uso adecuado, aplicaciones, advertencias, y las instrucciones de instalación de estos dispositivos.



**Important:** Lisez les instructions suivantes avant d'utiliser le luminaire. Veuillez télécharger la documentation technique complète des In-Line On/Off Rocker Switch sur notre site [www.bannerengineering.com](http://www.bannerengineering.com) pour les détails sur leur utilisation correcte, les applications, les notes de sécurité et les instructions de montage.

## Specifications

### Supply Voltage

30V dc max  
See electrical characteristics on product label

### Current Rating

4 Amps max

### Electrical Life

> 10,000 make and break cycles at full load

### Construction

Clear anodized aluminum housing; painted zinc end caps; Nylon switch; zinc plated steel brackets

### Mounting

(2) swivel brackets SMBWLS28RA included and (4) screws

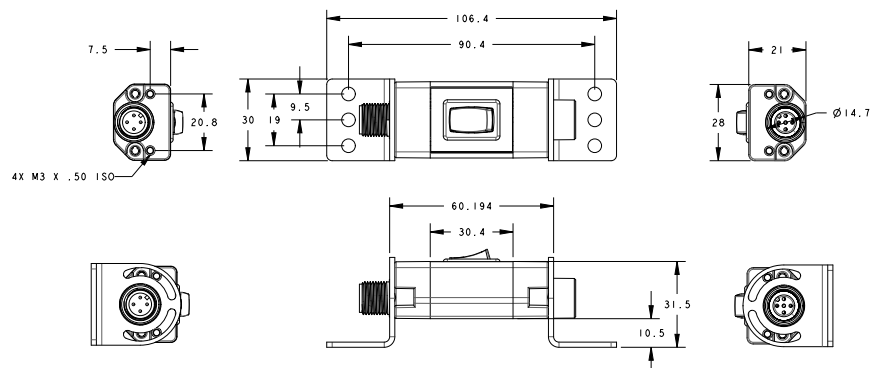
### Environmental Rating

IEC IP50

### Certifications



## Dimensions



## Wiring Diagrams

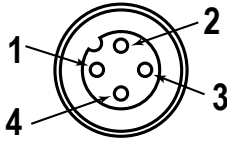


Figure 1. 4-pin M12/Euro-style Female

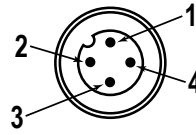


Figure 2. 4-pin M12/Euro-style Male

		WLS28-2PBQ Wiring Diagram		WLS28PBQ Wiring Diagram	
Pin	Wire Color	Input (Male)	Output (Female)	Input (Male)	Output (Female)
1	Brown	V+ dc (30 V max)	V+ dc Position II	V+ dc (30 V max)	V+ dc Position I
3	Blue	dc common	dc common	dc common	dc common
4	Black	Not used	V+ dc Position I	Not used	Not used
2	White	Not used	Not used	Not used	Not used

## Accessories

### Cordsets

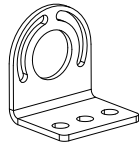
4-Pin Threaded M12/Euro-Style Cordsets—Single Ended					
Model	Length	Style	Dimensions	Pinout (Female)	
MQDC-406	1.83 m (6 ft)	Straight			1 = Brown 2 = White 3 = Blue 4 = Black
MQDC-415	4.57 m (15 ft)				
MQDC-430	9.14 m (30 ft)				
MQDC-450	15.2 m (50 ft)				
MQDC-406RA	1.83 m (6 ft)	Right-Angle			1 = Brown 2 = White 3 = Blue 4 = Black
MQDC-415RA	4.57 m (15 ft)				
MQDC-430RA	9.14 m (30 ft)				
MQDC-450RA	15.2 m (50 ft)				

4-Pin Threaded M12/Euro-Style Cordsets—Double Ended				
Model	Length	Style	Dimensions	Pinout
MQDEC-401SS	0.31 m (1 ft)	Male Straight/ Female Straight		Female
MQDEC-403SS	0.91 m (3 ft)			
MQDEC-406SS	1.83 m (6 ft)			Male
MQDEC-412SS	3.66 m (12 ft)			
MQDEC-420SS	6.10 m (20 ft)			
MQDEC-430SS	9.14 m (30 ft)			
MQDEC-450SS	15.2 m (50 ft)			
				1 = Brown 2 = White 3 = Blue 4 = Black

## Brackets

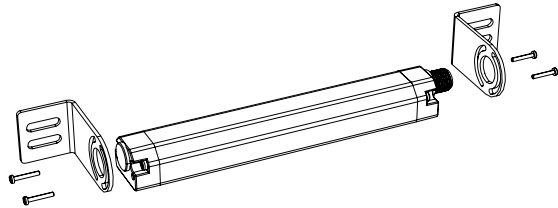
### SMBWLS28RA

The bracket kit is available as a replacement for the one that comes with the light or switch. The kit contains two end brackets and four screws.



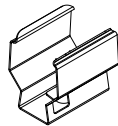
### SMBWLS28SM

This kit allows the light or switch to be mounted at a right angle to the mounting surface. The kit contains two end brackets and four screws.



### SMBWLS28SP

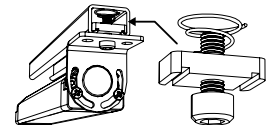
- Stainless steel snap bracket kit
- Includes two brackets



### SMH1316

This kit allows the light or switch to be mounted to a 13/16-inch Unistrut channel. Light is shown. The kit includes:

- #10-32 spring nuts (qty 2)
- #10-32 socket head cap screws (qty 2)
- #10 lock washers (qty 2)

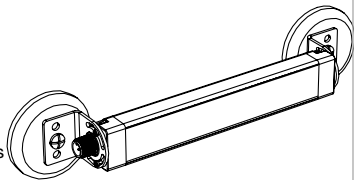


### SMBWLSMAG

Magnetic mounting bracket for easy attachment to steel surfaces

### SMBWLSMAGR

Protective cover also available to prevent scratches to painted surfaces



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For patent information, see [www.bannerengineering.com/patents](http://www.bannerengineering.com/patents).

## Mexican Importer

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