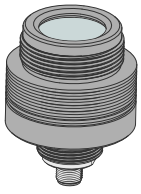
GS60 Pro Multicolor Guide Spotlight

Datasheet

For complete technical information about this product, including installation instructions, application requirements and guidelines, configuration, performance, technical specifications, dimensions, and/or accessories, go to https://www.bannerengineering.com/qr/GS60 and locate the product manual, p/n 243622, in the Downloads section. Use of this document assumes familiarity with pertinent industry standards and practices.



The following items may be needed in the appropriate quantity or length for the installation. See the Accessories section in the GS60 Pro Multicolor Guide Spotlight manual for options.

- MQDEC-5xx cordset
- SMB30A mounting bracket
- SMBAMS30P mounting bracket
- ACC-GS60 M48 front mount

Model Key

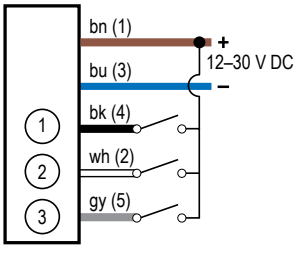
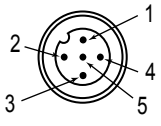
Housing	Color	Lens Angle	Control	Connection
GS60P	**RGBW**	**L9**		**Q**
60 mm diameter Pro-enabled Guide Spotlight	RGBW = Multicolor	9 = ± 9 degree lens	Blank = Constant power plus three inputs	Q = Integral 5-pin M12 male quick-disconnect connector

CAUTION:
Risk Group 2: Possibly hazardous optical radiation emitted from this product.

Do not stare at the operating lamp. May be harmful to the eyes. Risk Group 2 (RG 2) products generally do not pose a realistic optical hazard if aversion responses limit the exposure duration or where lengthy exposures are unrealistic.

- IEC 62471

Wiring

Diagram	Pinout	Pin Number	Wire Color	Description
		Pin 1	Brown	12 V DC to 30 V DC
		Pin 2	White	Input 2: 12 V DC to 30 V DC
		Pin 3	Blue	DC common
		Pin 4	Black	Input 1: 12 V DC to 30 V DC
		Pin 5	Gray	Input 3: 12 V DC to 30 V DC

Default Color Definition

	Red	Yellow	Green	Cyan	Blue	Magenta	White
Input 1	X	X				X	X
Input 2		X	X	X			X
Input 3				X	X	X	X

An "X" denotes an active input. For example, when Input 1 and Input 3 are active, the spotlight is magenta.

Specifications

Refer to the manual for complete information.

Supply Voltage
12 V DC to 30 V DC

Supply Protection Circuitry
Protected against reverse polarity and transient voltages

Mounting
30 × 1.5 mm thread base mount

Connections
Integral 5-pin M12 male quick-disconnect connector

Supply Current

Typical Current			Maximum Current
12 V DC	**24 V DC**	**30 V DC**	**A**
0.415	0.2	0.165	0.5

Construction
Black anodized aluminum housing
Polycarbonate window
Nickel-plated quick-disconnect connector
Black anodized aluminum mounting nut

Operating Temperature
–40 °C to +50 °C (–40 °F to +122 °F)

Storage Temperature
–40 °C to +70 °C (–40 °F to +158 °F)

Original Instructions
30-Dec-24

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243621
p/n: 243621 Rev. B

ПРОМЭЛЕКТРОНИКА/ sales@prom-elec.com

Environmental Rating

IP66, IP67

Certifications

Required Overcurrent Protection

WARNING: Electrical connections must be made by qualified personnel in accordance with local and national electrical codes and regulations.

Overcurrent protection is required to be provided by end product application per the supplied table.

Overcurrent protection may be provided with external fusing or via Current Limiting, Class 2 Power Supply.

Supply wiring leads < 24 AWG shall not be spliced.

For additional product support, go to www.bannerengineering.com.

Supply Wiring (AWG)	Required Overcurrent Protection (A)	Supply Wiring (AWG)	Required Overcurrent Protection (A)
20	5.0	26	1.0
22	3.0	28	0.8
24	1.0	30	0.5

Default Indicator Characteristics

Color	Dominant Wavelength (nm) or Color Temperature (CCT)	Color Coordinates[1]		Lumen Output (Typical at 25 °C)
		X	Y	
Blue	450	0.1584	0.022	31.7
Green	520	0.1493	0.6898	188
Red	623	0.688	0.3043	140
Orange	597	0.5811	0.3812	155
Amber	587	0.5224	0.4228	161.1
Yellow	575	0.4435	0.4789	156.6
Lime Green	559	0.3582	0.5405	166.2
Spring Green	515	0.1499	0.6279	177.5
Cyan	495	0.1581	0.3757	158.6
Sky Blue	487	0.1554	0.2657	143
Violet	-	0.2358	0.1094	114.6
Magenta	-	0.404	0.2096	146.1
Rose	-	0.5462	0.2664	145
White	4000K	0.3792	0.3902	257.8

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For patent information, see www.bannerengineering.com/patents.

[1] Refer to CIE 1931 chromaticity diagram or color chart, to show equivalent color with indicated color coordinates.

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