

ECCO BLUESPOT WARNING LIGHT

EEW2002B

Bluespot warning light 10-80V

- 360° operation
- Excellent shock and vibration resistance
- Polycarbonate lens
- Aluminium housing
- 12-80V DC



PRODUCT DESCRIPTION

This light is intended to supplement a 360° warning light by projecting a blue warning dot onto the ground in front or rear side of the vehicle. This additional safety feature is especially useful where blind corners are present (i.e. warehouse racking) and is likely to be seen by pedestrians who are not looking up or paying close attention to their surroundings. Featuring 12-80 VDC operation, an aluminum housing, and polycarbonate lens, the EW2002B is extremely resistant to impact and vibration damage.

SPECIFICATIONS

Battery	No
Color Lens	Clear
Color light	Blue
EMC	R10
Height	104 mm
IP Class	IP67
Light spread	Spot
Light type	Blue LED
Lumen	55 lm
Material	Aluminium
Number of LED	2
Rotating	No
Temperature range from	-40 °C
Temperature range to	65 °C

Voltage	12-80V
Weight	0.54 kg
Width	120 mm

2-CONDUCTOR CABLE
2x16 AWG WIRES
RED WIRE - POSITIVE (+)
BLACK WIRE - NEGATIVE (-)

20.80±0.20(21±1%)

24 [0.94]

47 [1.85]

41.65 [1.64]

REVISIONS	
NO.	DESCRIPTION
1	INITIAL DESIGN
2	DESIGN RELEASE
3	FINAL APPROVAL

SPECIFICATIONS

- CERTIFICATIONS: CE, FCC, RoHS, C-56A
- INPUT: 12VDC
- OUTPUT: 1.2W (TYPICAL)
- EFFECTIVE LUMENS: 36 Lumens
- LUMENANCE: 2627 lux
- BEAM ANGLE: 30°
- PEAK BEAM INTENSITY: 26000 Candela
- EFFICIENCY: 12 lm/W
- OPERATING TEMPERATURE: -20°C TO 50°C
- VOLTAGE (NOMINAL): 12 to 80 VDC
- VOLTAGE (EXTREME): 12 to 80 VDC
- CURRENT (PEAK): 0.1A @ 12 VDC (NOMINAL)
- CURRENT (MAXIMUM): 0.1A @ 12 VDC (NOMINAL)
- TEMPERATURE RANGE: -40°F (-40°C) TO 140°F (60°C)
- POWER (MAXIMUM): 1.2W (TYPICAL)
- CONNECTION: 2-CONDUCTOR CABLE
- MOUNTING BRACKET MOUNT
- MOUNTING MATERIAL: ALUMINUM
- FINISH MATERIAL: POLYCARBONATE
- PRODUCT WEIGHT: 1.2 LB (0.54 kg)

DISCLAIMER: DIMENSIONAL ILLUSTRATIONS, SPECIFICATIONS AND CERTIFICATIONS CONTAINED IN THIS DOCUMENT ARE TYPICAL OF THE ACTUAL PRODUCT AND ARE SUBJECT TO CHANGE. ECCO ENGINEERING DOES NOT WARRANT FORMAL DESIGN CONTROL OF THIS PRODUCT.

MOUNTING DISCLAIMER: MOUNTING MEASUREMENTS FOR REFERENCE ONLY. MEASURE BEFORE DRILLING.

NOTES:
1. DIMENSIONS IN PARENTHESES (FOR REFERENCE ONLY)

ECCO	
DATE	REV
06/20/2023	01
06/20/2023	02
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06/20/2023	04
06/20/2023	05
06/20/2023	06
06/20/2023	07
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