Dialight

Extremely rugged design, impact & vibration resistant perfect for special purpose vehicle interior lighting, shelters, shipboard lighting and general interior lighting.

Compact High Intensity LED Downlight

Dimensions in mm [Inches]
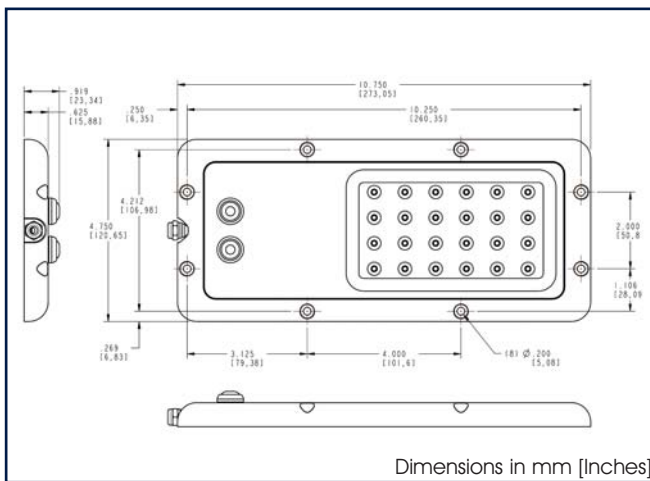
Certifications & Ratings:
▷ CE102/MIL-STD-461F: 2007
▷ RE102/MIL-STD-461F: 2007

Features & Benefits:
▷ 1,500 and 2,100 lumen versions available
▷ Low profile design - less than 1" high
▷ Dimming mode activated via push button switch reduces light level to 10% of full brightness in hi/low version or 5-100% on variable dimming version
▷ Blackout mode activated via external control reduces light level to 0.1% of full brightness
▷ Extremely rugged design, impact and vibration resistant

Mechanical Information:	
Mechanical Dimensions:	10.750" x 4.750" x 0.625" (273.05mm X 120.65mm X 15.88mm)
Fixture Weight:	27 oz (0.76Kg)
Mounting:	Two M20 x 1.5 drilled and tapped
Electrical specifications:	
Operating Voltage:	28 VDC +/- 15%
Input (W):	27W maximum
Input current (nom):	0.95A @ 28V input
Operating Temp:	-40°C to +49°C (-40°F to +120°F)
EMI/RFI:	Meets MIL-STD-1474D
Materials:	
Cord:	10" jacketed lead wires with female Molex connector + 24" jacketed extension cable with male Molex connector included
Housing:	Diecast aluminum housing
Finish:	White powder coated
Lens:	Polycarbonate lens
Photometric Information:	
CRI (typ):	>70
CCT (typ):	6000K (cool white)
IES Files:	Refer to www.dialight.com
Blackout/ Dimming:	Can be run at full brightness or switched to 0.1% of brightness
	Normal mode (full brightness) connect 28VDC to red wire & ground to black wire
	For dim mode (0.1% brightness) switch 28 VDC to grey wire & keep ground to black wire

For optimal performance, light should be mounted to a flat metal surface

Ordering Code:

Part Number	Dimming Method	Optic	Initial Fixture Lumens
SHELW1500	Variable	Wide	1,500
SHELN2100	HI/LO	Spot	2,100
SHELW2100	Variable	Wide	2,100

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