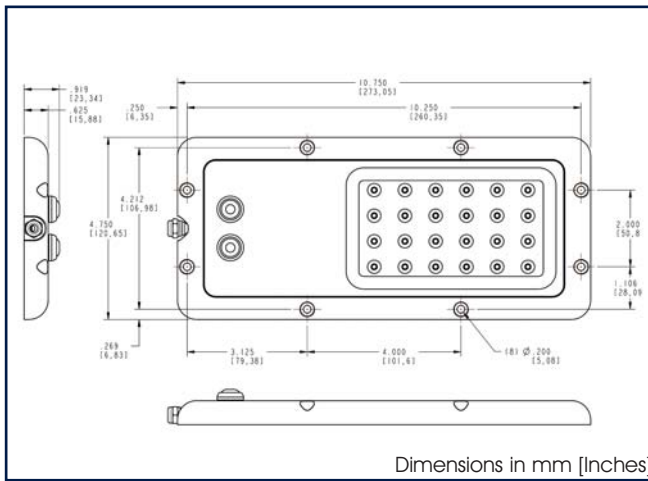




Compact High Intensity LED Downlight



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

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 |

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

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

Dialight reserves the right to make changes at any time in order to supply the best product possible.

The most current version of this document will always be available at:

www.dialight.com/Assets/Brochures_And_Catalogs/Illumination/MDEXLUMSHLX001.pdf

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