

## SpotLED® Fixed and Adjustable Interior Lamps



Description	Part No.
<b>SpotLED® Fixed, Screw Mount, DT:</b>	
White Cover	<b>HM680FNW</b>
White Cover Red Ambient Ring	<b>HM680FRW</b>
Yellow Cover	<b>HM680FNY</b>
Yellow Cover Red Ambient Ring	<b>HM680FRY</b>
Black Cover	<b>HM680FNB</b>
Black Cover Red Ambient Ring	<b>HM680FRB</b>
<b>SpotLED® Adjustable, Screw Mount, DT:</b>	
White Cover	<b>HM680ANW</b>
White Cover Red Ambient Ring	<b>HM680ARW</b>
Yellow Cover	<b>HM680ANY</b>
Yellow Cover Red Ambient Ring	<b>HM680ARY</b>
Black Cover	<b>HM680ANB</b>
Black Cover Red Ambient Ring	<b>HM680ARB</b>



### Spare Parts

9.HMDLM002 Marker Housing Yellow (Pack of 4)

SpotLED® lamps are sophisticated LED interior lights designed for applications where there is a requirement for low glare, spill free lighting, with the option to switch from white primary to red ambient light to maintain night vision.

SpotLED interior lights are available in a number of versions: These include fixed or adjustable optical modules either with or without the low level ambient illumination to monitor critical instruments.

General illumination is provided by a single high intensity white LED located deep inside a Free-Form reflector with a black sleeve to eliminate direct view of the light source and discomfort glare. A separately switched, low intensity red LED illuminates a circular light CELIS light guide, to provide low intensity ambient illumination for safety and night vision compatibility.

The low power consumption, combined with minimal heat output in continuous

use, and ergonomic, smooth design of SpotLED reduces personal injury risk in confined spaces, while the fit-and-forget completely sealed and waterproof optical units will not suffer lighting loss due to internal dirt build up.

Advanced Multivolt drive circuitry, providing reverse polarity, spike and over-voltage protection for long life and reliable operation, is sealed into the optical module. SpotLED lamps deliver consistent illumination from 9-31V DC – even under severe voltage fluctuations and low battery voltages. Maximum service life and light output of the high intensity LED light source is ensured through an integral aluminium heat sink.

SpotLED lights require external switching systems, and can operate on standard interior light circuits.

Safe and reliable electrical connection is facilitated via a short length double insulated multi core cable terminated as standard in DT connectors.

The screw cover end caps are available in a range of colours. Ambient light functions in amber, blue, green or white can also be delivered on special order.

### Product features

- Available in fixed or adjustable versions
- 20 degree angle adjustment to each side
- Low intensity red CELIS ambient light
- Aluminium heat sink mounted LED
- Clear polycarbonate lens and CELIS light guide for excellent optical performance and impact resistance
- Impact resistant, easy to clean ABS housing components
- Low glare homogenous light distribution
- High intensity LED light sources
- Changeable colour side caps
- Pre-wired with multi strand double insulated cable with DT
- Multivolt 9-31V DC
- Reverse polarity protected to -500 volts
- Power consumption: 3W
- Fully sealed to IP6K9K (optical unit) to withstand temporary immersion and high pressure washing
- 200G shock impulse resistant
- -40°C – +60°C
- External elements manufactured from flame retardant polymers rated UL94 HB
- ADR 2006 (hazardous goods transport) compliant



Adjustable Model (20°), shown with white LED illuminated

Fixed Model, shown with Red Ambient Ring illuminated

