

**Electromagnetic Compatibility (EMC)**

This Multivolt™ LED lamp is an electronic device. The electrical circuits contain components that suppress possible interference, both emission as well as susceptibility, to the limits prescribed in EN 55015, EN 61547 and EN 60945.




**Protection against damage due to voltage spikes**

This lamp is protected against reverse polarity connection and negative voltage spikes of up to 1000 volts.

**Electrostatic Discharge**

This lamp has been tested to withstand the highest level (level 4) of electrostatic discharge according to IEC 61000-4-2. (8,000 volts contact discharge and 15,000 volts air discharge).

<b>Lens Material</b>	UV resistant enhanced impact polycarbonate
<b>Rim Material</b>	UV resistant plastic. 316 stainless steel
<b>Colour Temperature</b>	5000K (White) 3000K (Warm White)
<b>Dimming</b>	PWM. eg Via Hella marine 5XA 998 <b>572-001</b>
<b>Cable</b>	Pre-wired with 500mm of twin core marine cable
<b>Operating Voltage</b>	Multivolt™ 9-33V DC
<b>Power Consumption</b>	< 4.5W ( <0.37A @ 12V / <0.18A @ 24V )
<b>Degree of Protection</b>	Completely Sealed
<b>Weight</b>	170g (including cable)
<b>Installation</b>	Recess mount or Surface mount via spacer.
<b>Manufacturing Location</b>	New Zealand
<b>Approvals</b>	CE  Z208

**5 Year Manufacturer's Warranty**

**Congratulations! The product you have selected comes from Hella marine - one of the world's leading manufacturers of marine lighting products.**

This LED lamp is covered by a 5 year manufacturer's warranty against manufacturing or material defects. For further details please check the terms of trade with your Hella marine agent.

The lamp module is sealed and does not have any serviceable parts inside. Opening the module will invalidate warranty.

In the unlikely event that you should experience a problem with your purchase, please contact your Hella marine agent where you purchased the product.



*For general comments about Hella's products please contact us on E-mail at [techfeedback@hellamarine.com](mailto:techfeedback@hellamarine.com)*

INSTRUCTION SHEET

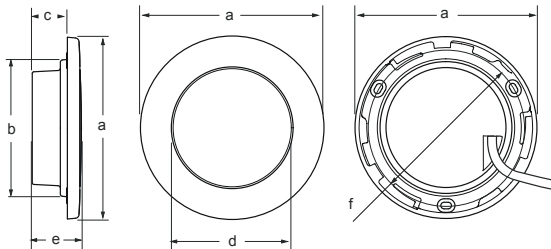
**0820 Series LED Interior / Exterior Lamp**

**Introduction**

Hella marine EuroLED® lamps offer many advantages over conventional bulb lamps, including significantly reduced power consumption and a high tolerance to shock and vibration for an ultra long service life.

**Dimensions**

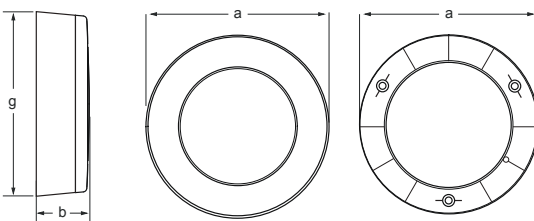
**Lamp**



**Dimensions**

- a = 115.0 mm / 4.53" with plastic rim  
116.5 mm / 4.59" with stainless steel rim
- b = 90.0 mm / 3.54"
- c = 22.0 mm / 0.87"
- d = 77.0mm / 3.03"
- e = 31.5mm / 1.24"
- f = 100.0mm / 3.94" PCD

**Lamp spacer**



**Dimensions**

- a = 120.0mm / 4.72"
- b = 31.5mm / 1.24"

**Wiring Colour Code**

LED modules are polarity conscious. Reverse polarity will not damage this product but will inhibit its function. Hella marine recommends wire connections be soldered and heat shrink tubing applied to seal the joint.

Colour	Connect to	Power
Black	Negative (-ve)	
Red	Positive (+ve)	5W

- Supply Voltage 9-33V (DC only)

**NB:** Lamp must be protected by a fuse rated at 5 amperes maximum.