

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).

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

INSTRUCTION SHEET

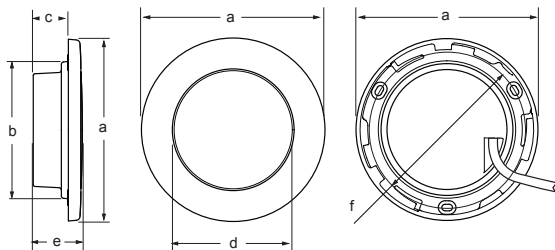
0820 Series LED Interior / Exterior Lamp

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

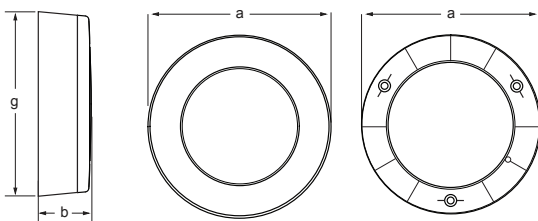
Lamp



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.