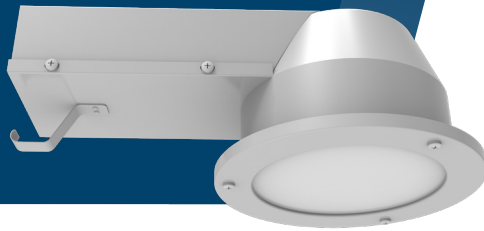


Recessed Downlight LED

Marine rated, recessed LED downlight for shallow ceiling and overhead applications.

Durable, marine grade zinc coated steel construction offers resistance against corrosion and high vibration.

EMI-filtered design helps reduce electrical noise and minimize interference.



Key Applications

Marine Recessed Interior
Corridors and Passageways
Galleys
Commercial Fishing Vessels
Tug, Tow and Push Boats
Dredges and Work Barges
Military Service Vessels
Offshore Supply Vessels
Ferries, Passenger and Research Vessels
Super Yachts

Compliances

ETL/cETL Certified to:

- UL 1598A
- FCC Part 15 Class A
- ABS
- IP20
- IP44 (with sealed lens and trim cover)

Dimming Levels

Position	Watts	Estimated Lumens
Position 1	12.5	1400
Position 2	9.3	1100
Position 3	6.5	750
Position 4	3.2	350

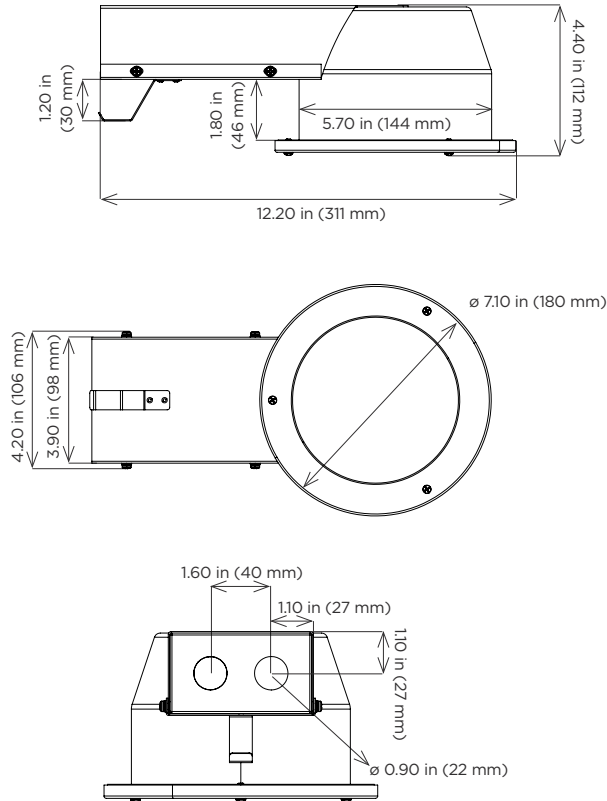
Specifications

Construction	Corrosion-resistant, zinc coated steel
Finish	White polyester powder coat
Hardware	Marine grade (316) stainless steel
Lens	Diffuse - 1400 lumens Red - 200 lumens
Light source	High-Brightness LED, >85 CRI CCT: Neutral white (4000K) Field-adjustable output (4-level switch)
Driver	AC 120-277V 50/60Hz EMI-filtered, 0-10V dimmable
Power	12.5W
Power factor	> 0.95
THD	< 15%
Ceiling Hole Size	5¾ inch (146 mm)
Ambient operating temperature	-20°C to +45°C
Operating lifetime	L90 > 54,000 hours per TM-21
Wiring	Two 1/2 inch NPT knockouts
Dimensions	12.2 in (311 mm) x 4.20 in (106 mm) x 4.40 in (112 mm)
Weight	3.8 lb (1.72 kg)
Warranty	5 years

For IES files, see website or contact factory

Dimensions

RDL



Ordering Information

Example: RDL-DF-UV-40K

Fixture	Lens	Voltage	Options
RDL	DF ¹	UV	40K

Lens

DF ¹ Diffuse lens

Voltage

UV 120-277VAC 50/60 Hz

Options

40K 4000K CCT, neutral white

Notes

- 1 Diffuse lens comes standard, other lenses available as field installable kits.

Accessories (order separately)

Lenses

KIT, RDL, LNS-RED (red)

KIT, RDL, LNS-CLR (clear)

Emergency Battery Backup

KIT, RDL-EMB (External emergency battery backup, 120 minute minimum run time)

Special Projects: We may be able to accommodate your special projects, so please don't hesitate to ask about additional options. Minimum order quantities and/or extended lead times will apply. Contact your Phoenix representative with specific inquiries.

Product design and specifications are subject to change without notice. The most current version of this specification sheet can be found at www.phoenixlighting.com.