RL SERIES LED Handrail Lights
RLR-242 – ROUND 24VDC LED HANDRAIL LIGHT

PROJECT	TYPE	NOTES

OVERVIEW

The RLR-242 handrail lights are designed for a variety of sizes of round handrails. They are a discreet in-rail lighting solution for walkways and stairs. Symmetric and asymmetric beam spreads along with static colors, including turtle friendly amber, as well as RGBW and self-addressing RGBDMX options cover most handrail applications.

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IP67 IK10 · DRY/DAMP/WET LOCATIONS · RGBW · QAI c US

## TECHNICAL SPECIFICATIONS

Operating Voltage	24VDC
Power Consumption - Single Color/RGBW/RGBDMX	1.5W/2.5W/2W
Lumens (3000K)	114lm
Beam Angle (Symm/Asymm)	85°/65°
CCT / Color	2700K, 3000K, 3500K, 4000K, Red, Green, Blue, TF AMBER, RGBW, RGBDMX
CRI	80+
MacAdam Ellipise Binning	3-Step
LED Life	50,000 hrs
Housing Material	316L Stainless Steel
Lens Material (Symm/Asymm)	PMMA/Polycarbonate
Vandal Resistance	IK10
Maximum # of Fixtures	50pcs (20AWG + 96W Driver)
Warranty	5 years
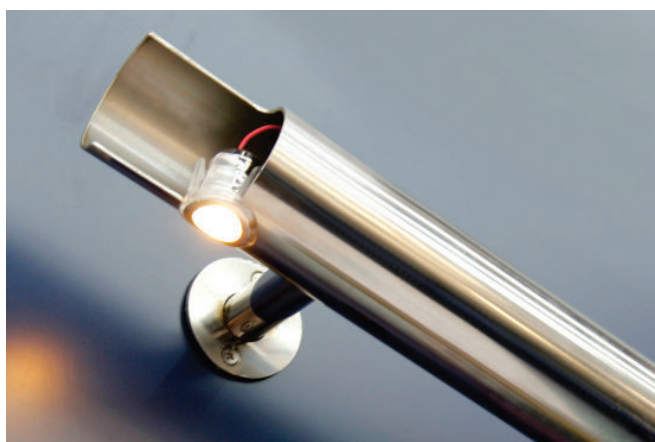
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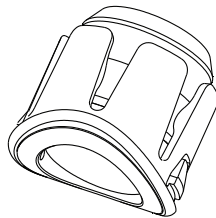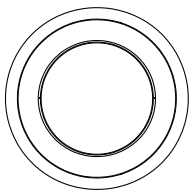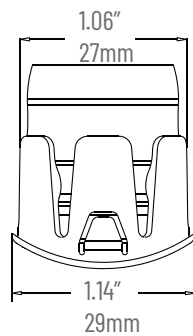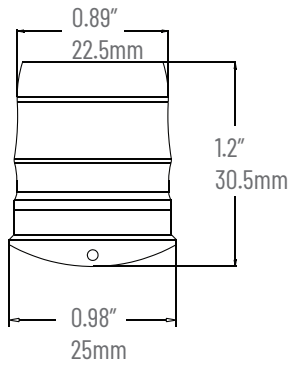
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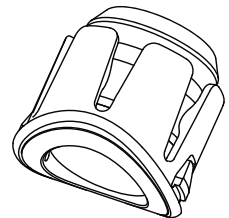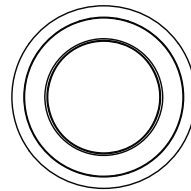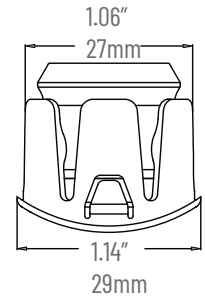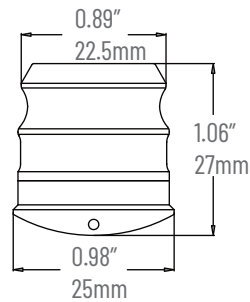
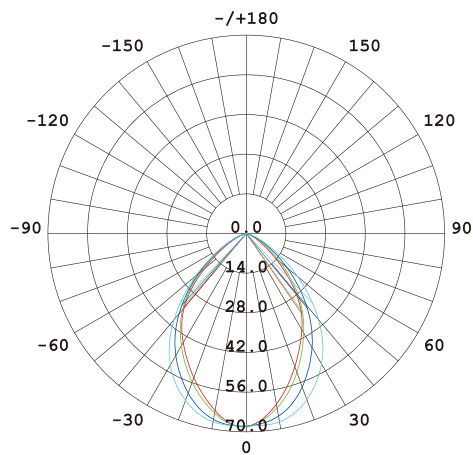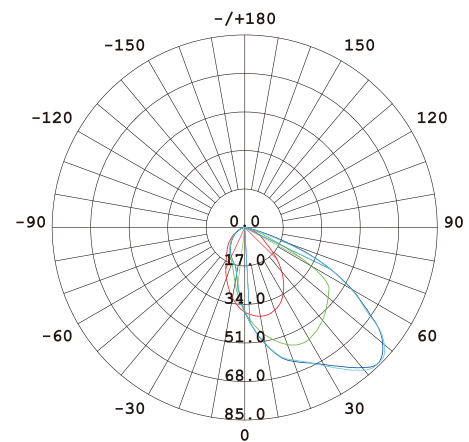ASYMMTERIC

LIGHT DISTRIBUTION

SYMMETRIC

ASYMMTERIC

ORDER CODE

| RLR-242 | - | - | - |

BEAM ANGLE
S - Symmetric
A - Asymmetric

CCT /COLOR
827 - 2700K
830 - 3000K
835 - 3500K
840 - 4000K
RD - Red
GR - Green
BL - Blue
AMB - Amber (Turtle Friendly)
RGBW - RGB+W (3000K)
RGBDMX - RGB (DMX self-addressing)

HANDRAIL SIZE
15 - 1.50" (38mm) dia. 0.120" Wall Tube
17 - 1.66" (42mm) dia. Schedule 40 Pipe
19 - 1.90" (48mm) dia. Schedule 40 Pipe

DRIVER CUTSHEETS

DESCRIPTION	INPUT	OUTPUT	WATTAGES	SPECIFICATION SHEETS	
Universal Phase Dimming Indoor	120VAC	24VDC	24W 48W 60W	DR-24VDC-DIMA	⭳
Univ. Phase/0-10V Dimming Ind./Out.	100-277VAC	24VDC	30W-300W	DR-24VDC-DIMS-UNV	⭳
RGB/W Controller Indoor	12-36VDC	24VDC	768W max.	DR-RGBW-WIFI-CON	⭳
RGB/W DMX Controller	12-24VDC	24VDC	N/A	DR-DMX-RGBW-WIFI-CON	⭳

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