

NL/GHT RV400-2C



MECHANICAL SPECIFICATIONS

Light Fixture Dimensions	384L x 220W x 102H (mm)
Weight	5.4 (KGS)
Housing Material	Aluminium
IP Rating	IP66
PSU Dimensions	515L x 44.9W x 42.4H (mm)
Weight	1.87 (KGS)
Operation Temperature	-20°C to 45°C
Storage Temperature	-20°C to 45°C

ELECTRICAL SPECIFICATIONS

AC Voltage	347 - 400V	50/60Hz
Rating Power	400W	
PF	0.97	
Inrush Current	Max. 6A	At 400V ac input, 25°C cold start
Surge Protection	EN 61000-4-5	Line to line 4 kV, line to earth 6 kV
Leakage Current	0.75 mA	400Vac / 50Hz input, grounding effectively
Isolation Class	Class I	
Dimming	Down to 10%	RS485

CONTACT INFO@N-LIGHT.TECH FOR MORE INFORMATION

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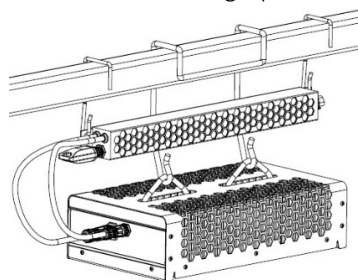
OPTICAL SPECIFICATIONS

Spectrum	88R 6G 6B + 10FR	
PPF (400-700nm)	1310 μ mol/s	+/- 5%
Efficacy up to	3.5 μ mol/J	+/- 5%
Beam Angle (50% peak intensity)	C0/180 149°, C90/270 162°	+/- 6°
Field Angle (10% peak intensity)	C0/180 172°, C90/270 172°	+/- 6°

OTHER SPECIFICATIONS

Risk Group accr. to IEC 62471:2006	Risk Group 0 (RG0)	This product has been tested by DEKRA and classified as posing no photobiological hazard.
Expected Lifespan	50,000 hours	L90B10 at 36000 hours
Wireless control	Bluetooth Mesh Network	Each lighting fixture is equipped with a Bluetooth Dongle, enabling it to connect via Bluetooth to a BRIDGE. The BRIDGE is connected to the TCP/IP network via a CAT6 cable, allowing seamless integration with multiple BRIDGES. A Master Gateway can be connected within the same network to manage and control hundreds of BRIDGES, providing stable and efficient centralised control.
Individual Channel Control	2 Channels control with Power Shelf Function	Multi-channel PSU design with Channel 1 as the primary output; power from auxiliary channels can be reassigned to Channel 1 via control system.
Connection	Wieland RST20i3 Series	

Alternative Mounting Option



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