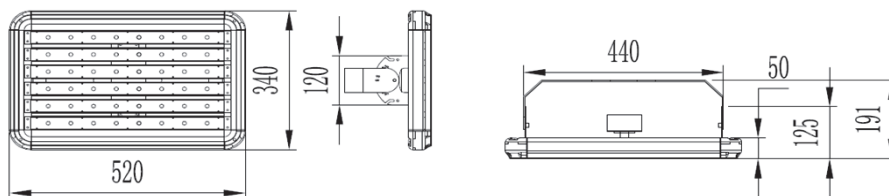


Light Rack Floodlight LED (LL3LRF95 Series up to 9,200Lm) Specification



Product Features

- High performance, up to 9,200Lm (hot lumen)
- Rugged and robust design ideal for commercial and industrial, including wet area and outdoor applications
- Modular design with individual lenses crafted to provide maximum effectiveness
- Alternative to 250W metal halide¹
- Energy Savings up to 70% compared to metal halide¹
- TM21 projected LED Life >100,000 hours at L₇₀
- High colour rendering, in excess of CRI: 70
- Colour temperature options: 4000K and 5000K
- Robust IP65 Construction
- Horizontal and Vertical mounting
- White body also available to special order
- UV Resistant Flex and plug or direct connection
- Full Australian Approvals
- Seven Year Warranty



Physical

Length: 520mm
Width: 340mm
Height: 191mm
Weight: 7.0kg ±0.3kg

Light source

Nichia (Japan) Integrated COB - 85W Array

Control and Programming

Dimming: Not suitable for dimming

Optics

Individual Glass Refracting Lenses

Construction

Fixture: Aluminium
Fixture colour: Black, White
Protection rating: IP66

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Connection

Power connection: Flex and plug or direct connection

Output

Luminous Flux 4000K: 8,700Lm

Luminous Flux 5000K: 9,200Lm

Efficacy: 102Lm/W

Beam Angle: 60°/90°

CRI: >70

Run Cost/Yr: \$66.83

**Costs based on usage 260 days @ 12hr/day, Energy cost \$0.21/kWh*

Electrical

Input Voltage Vac: 200-240

Current: 410mA

Typical Lamp Power: 85W

Driver Losses: 5W

Typical Total Power: 90W

Power Factor: 0.95

Total Harmonic Distortion: ≤15%

Thermal

Cooling: Convection, Conduction

Operating Range Tc: -25°C ~ +65°C

Humidity (non-condensing): 15-95%

Run Temperature Teq: <55°C

Certificates

EMC: AS/NZS 61547, EN 55015 AS/NZS CISPR15, EN 61000.3.2 & .3.3

Electrical Safety: AS/NZS 60598.1 & .2.5, AS/NZS 4417 (RCM)

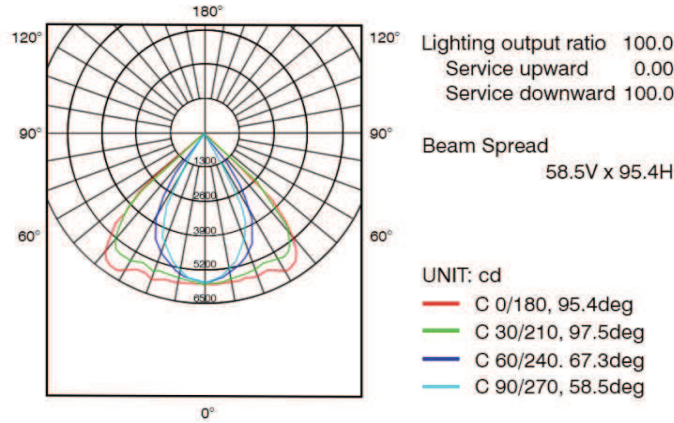
Catalogue Number

Product Group		Group Designation		Wattage		Mount Orientation		Colour Temperature		Frame Colour	
LL3	Floodlights	LRF	Light Rack Floodlights	95	95W		Vertical Mount	C	5000K	W	White
						H	Horizontal Mount	N	4000K	B	Black

LL3LRF95HNB LUMEX Light Rack Floodlight 95W Horizontal Mount 4000K Black Frame

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Polar intensity diagram



LL3LRF95

M	E _{av}	E _{max}		Dia(M)
5	197	250		10x6.0
6	137	174		12x7.2
7	100	127		14x8.4
8	76	97		16x9.6
9	60	76		18x10.8

¹ Specific product and energy saving comparisons will vary with light level requirements and other aspects of a particular application. A lighting design review is recommended to identify the most economical solution for each application.

* October 2014, Specifications subject to change without notice