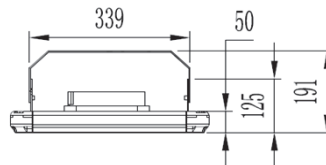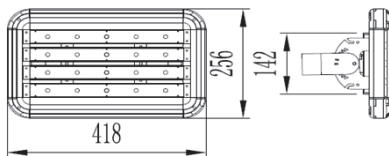**Light Rack Floodlight LED (LL3LRF50 Series up to 4,100Lm) Specification**

Product Features

- High performance, up to 4,100Lm (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 100W metal halide[1]
- Energy Savings up to 70% compared to metal halide[1]
- TM21 projected LED Life >100,000 hours at L_{70}
- High colour rendering, in excess of CRI: 70
- Colour temperature options: 4000K and 5000K
- Robust IP66 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: 418mm
Width: 256mm
Height: 191mm
Weight: 4.5kg ±0.2kg

Light source
Nichia (Japan) Integrated COB - 45W 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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www.lumexlighting.com.au

Light Rack Floodlight LED (LL3LRF50 Series up to 4,100Lm) Specification

Connection
Power connection: Flex and plug or direct connection

Output
Luminous Flux 4000K: 3,900Lm
Luminous Flux 5000K: 4,100Lm
Efficacy: up to 77Lm/W
Beam Angle: 60˚/90˚
CRI: >70
Run Cost/Yr: $34.07
   Costs based on usage 260 days @ 12hr/day, Energy cost $0.21/kWh

Electrical
Input Voltage: 200-240Vac
Current: 210mA
Typical Lamp Power: 45W
Driver Losses: 8W
Typical Total Power: 53W
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
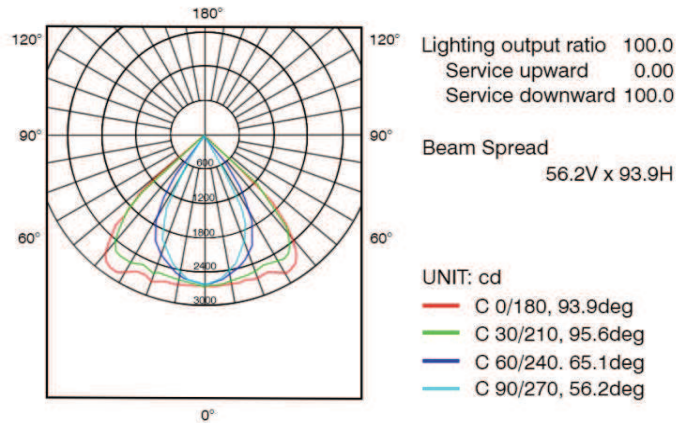Electrical Safety: AS/NZS 60598.1 & .2.5, AS/NZS 4417 (RCM)

Catalogue Number

Product Group		Group Designation		Wattage		Mount Orientation		Colour Temperature		Frame Colour	
LL3	Floodlights	LRF	Light Rack Floodlights	50	50W		Vertical Mount	C	5000K	W	White
						H	Horizontal Mount	N	4000K	B	Black

LL3	LF	50	H	N	B

LL3LRF50HNB *LUMEX Light Rack Floodlight 50W Horizontal Mount 4000K Black Frame*

Polar intensity diagram

Lighting output ratio 100.0
Service upward   0.00
Service downward   100.0

Beam Spread
                56.2V x 93.9H

UNIT: cd
— C 0/180, 93.9deg
— C 30/210, 95.6deg
— C 60/240. 65.1deg
— C 90/270, 56.2deg

LL3LRF50

M	E_{av}	E_{max}		Dia(M)
3	220	277	60/90°	6x3.6
4	130	165		9x4.8
5	80	102		10x6.0
6	57	72		12x7.2
7	45	57		14x8.4

[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