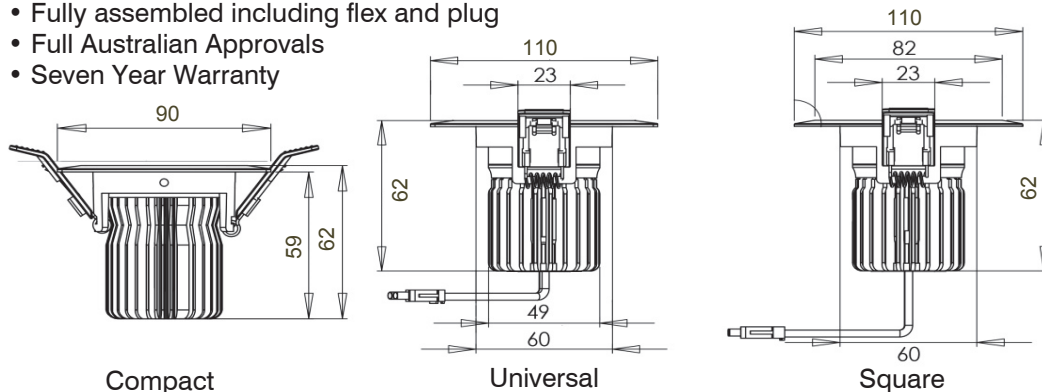


NovaLED Architectural Downlights (LL1N10 Series up to 770Lm) Specification



Product Features

- Superior effective light output, up to 770Lm (hot lumen)
- Smooth, low profile design ideal for residential and commercial applications
- Patented lens design provides excellent usable light with low glare
- Alternative to Halogen dichroic lamps up to 50W
- Replaces recessed luminaires up to 92mm cut out
- Energy Savings up to 80% compared to halogen equivalents
- High colour rendering, in excess of CRI:90
- Dimmable - Lumex Load Smart recommended
- Beam Angles available 90, 60, 38, and 24 degree
- Colour temperature options: 2700K, 3000K, 4000K, 5000K
- Compact and Universal fascia styles
- Gimbal adjustment up to 15 degrees
- Modular design to provide various options
- Fully assembled including flex and plug
- Full Australian Approvals
- Seven Year Warranty



Physical

Installation depth: 59mm
 Maximum Protrusion from mounting surface: 3mm
 Frame diameter: 90mm (Compact), 110mm (Universal/Square)
 Diameter of luminous opening at widest point: 60mm
 Weight with driver: 0.40kg

Light Source

Bridgelux COB

Optics

NovaLED Cameta Lens

Control and Programming

Dimming: Lumex LoadSmart, Trailing Edge Phase Controllers including, C-bus, Dynalite

Construction

Frame: Aluminium
 Frame colour: White, Satin Silver finishes (other colours and finishes available to order)
 Protection rating: IP40

Connection

Power connection: Flex and plug or direct connection

NovaLED Architectural Downlights (LL1N10 Series up to 770Lm) Specification

Output

Luminous Flux 2700K: 700Lm
 Luminous Flux 3000K: 730Lm
 Luminous Flux 4000K: 750Lm
 Luminous Flux 5000K: 770Lm
 Efficacy: up to 96Lm/W
 Beam Angle: 90°, 60°, 38°, 24°
 CRI: >90

Run Cost/Yr: \$5.24

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

Electrical

Input Voltage: 220-240 Vac
 Output Voltage: 30-40Vdc
 Typical Total Power: 8.0W
 Power Factor: 0.95
 Total Harmonic Distortion: ≤15%

Thermal

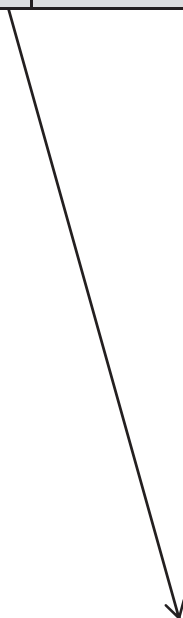
Cooling: Convection, Conduction
 Operating Range Tc: -20°C ~ +65°C
 Humidity (non-condensing): 0-95%
 Run Temperature Teq: <70°C

Certificates

EMC: AS/NZS CISPR15 (C-Tick)
 Electrical Safety: AS/NZS 60598.2.2, AS/NZS 4417 (RCM)

Catalogue Number

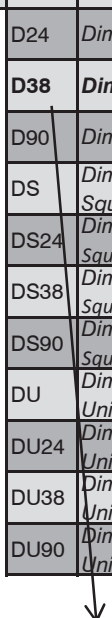
Product Group		Group Designation		Beam Angle		Light Colour Temperature		Fixture Colour	
LL1	Downlights	N10	NovaLED 8W (770Lm)	D	Dimmable 60°	C	Cool White 6000/5000K	B	Black
				D24	Dimmable 24°	N	Natural White 4000K	C	Chrome
				D38	Dimmable 38°	W3	Warm White 3000K	S	Satin Silver
				D90	Dimmable 90°	W	Warm White 2700K	W	White
				DS	Dimmable 60° Square				
				DS24	Dimmable 24° Square				
				DS38	Dimmable 38° Square				
				DS90	Dimmable 90° Square				
				DU	Dimmable 60° Universal				
				DU24	Dimmable 24° Universal				
				DU38	Dimmable 38° Universal				
				DU90	Dimmable 90° Universal				



LL1



N10



D38



W3

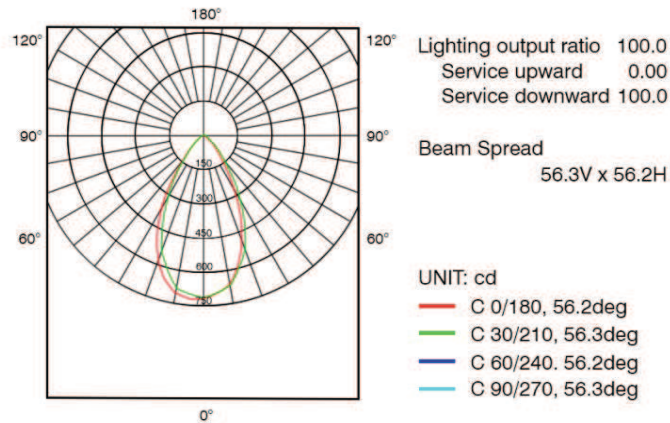


W

LL1N10D38W3W

Lumex NovaLED Architectural Downlight 8W Dimmable 38 degree Warm White (3000K) White Fixture

Polar intensity diagram



LL1N10DW3W

M	E _{av}	E _{max}		Dia(cm)
1	438	720		106
2	109	180		213
3	49	80		319
4	27	45		426
5	18	29		532

* October 2014, Specifications subject to change without notice