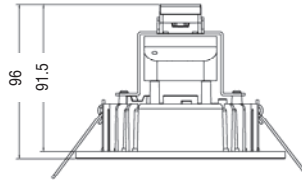
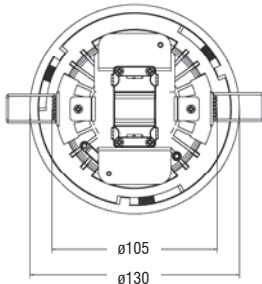


### Classico M4 (LL1CM4 Series up to 990Lm) Specification



#### Product Features

- High performance, up to 990Lm (hot lumen)
- Low profile design ideal for commercial, including wet area and outdoor applications
- Frosted lens design for excellent usable light
- Alternative to Compact Fluorescent and Metal Halide Downlights<sup>1</sup>
- Energy Savings up to 50% compared to PLC lamps<sup>1</sup>
- TM21 projected LED Life >90,000 hours at L<sub>70</sub>
- High colour rendering, in excess of CRI:80
- White finish as standard, Satin Silver optional
- Dimmable - Lumex LoadSmart recommended
- 110 degree Beam Angle
- Colour temperature options: 2700K, 3000K, 4000K, 5000K
- IP54 Ingress Protection
- Flex and plug or direct connection
- Full Australian Approvals
- Seven Year Warranty



#### Physical

Installation depth: 91.5mm  
Maximum Protrusion from mounting surface: 4.5mm  
Frame diameter: 130mm  
Diameter of luminous opening at widest point: 85mm  
Cutout Size: 105mm  
Weight with driver: 0.50kg

#### Light Source

Samsung™ SMD

#### Optics

Frosted diffuser

#### Control and Programming

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

#### Construction

Frame: Aluminium  
Frame colour: White (Satin Silver finishes available to order)  
Protection rating: IP54

### Classico M4 (LL1CM4 Series up to 990Lm) Specification

#### Connection

Power connection: Flex and plug or direct connection

#### Output

Luminous Flux 2700K: 860Lm

Luminous Flux 3000K: 900Lm

Luminous Flux 4000K: 940Lm

Luminous Flux 5000K: 990Lm

Efficacy: up to 83Lm/W

Beam Angle: 110°

CRI: >80

Run Cost/Yr: \$7.86

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

#### Elec

Input Voltage: 200-240Vac

Typical Lamp Power: 10W

Driver Losses: 2.3W

Typical Total Power: 12W

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 T<sub>eq</sub>: <70°C

#### Certificates

EMC: AS/NZS CISPR15 (C-Tick)

Electrical Safety: AS/NZS 60598.2.2, AS/N:

#### Catalogue Number

| Product Group |            | Group Designation |                  | Dimmable |                                  | Light Colour Temperature |                       | Fixture Colour |       |
|---------------|------------|-------------------|------------------|----------|----------------------------------|--------------------------|-----------------------|----------------|-------|
| LL1           | Downlights | CM4               | Classico M3 75mm | DF       | Dimmable Diffused (Frosted Lens) | C                        | Cool White 6000/5000K | W              | White |
|               |            |                   |                  |          |                                  | N                        | Natural White 4000K   |                |       |
|               |            |                   |                  |          |                                  | W3                       | Warm White 3000K      |                |       |
|               |            |                   |                  |          |                                  | W                        | Warm White 2700K      |                |       |

LL1

CM4

DF

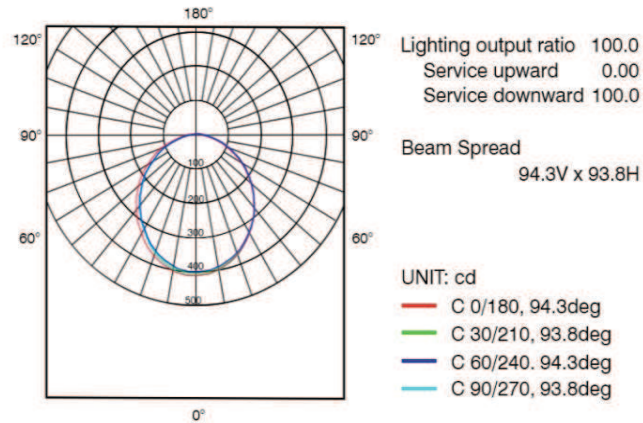
W3

W

#### LL1CM4DFW3W

*Lumex Classico 12W 860Lm Dimmable Diffused Lens 110 degree Warm White (3000K)*

#### Polar intensity diagram



#### LL1CM4DFNW

| M  | E <sub>av</sub> | E <sub>max</sub> |  | Dia(cm) |
|----|-----------------|------------------|--|---------|
| 2  | 27              | 99               |  | 430     |
| 4  | 7               | 25               |  | 850     |
| 6  | 3               | 11               |  | 1280    |
| 8  | 2               | 6                |  | 1710    |
| 10 | 1               | 4                |  | 2130    |

<sup>1</sup> 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.

\* September 2014, Specifications subject to change without notice