# LANN

## 8 W CCT selectable up/down wall light

### White finish / LM-GWL208CCT-W

A slim wall light with a polarised lens for an upward and downward wall-washing effect. Select warm, neutral or daylight white and adjust brightness with a compatible TRIAC dimmer.



8 W

3CCT

IP65

TRIAC dimmable

Class II

5 years

## ELECTRICAL / LIGHT

| | |
|---|---|
| Nominal power | **8 W / up and down** |
| Supply | **220-240 V AC / 50 Hz** |
| Input current | **<0.05 A (rated)** |
| CCT settings | **3000 / 4000 / 5700 K** |
| Nominal output | **890-950 lm (+/-5%)** |
| CRI / SDCM | **80 / <6** |
| Nominal optic | **29 x 77 x 8 degrees** |
| Dimming | **TRIAC** |
| Driver / class | **Built-in / Class II** |
| Power factor | **>=0.9** |
| Lifetime | **50,000 h** |

## STRUCTURAL / INSTALLATION

| | |
|---|---|
| Finish | **White / RAL 9016** |
| Housing / lens | **Polycarbonate** |
| Ingress / impact | **IP65 / IK08** |
| Dimensions L/H/D | **175 / 90 / 36 mm** |
| Mounting centres | **120 x 52 mm** |
| Net weight | **0.34 kg** |
| Operating ambient | **-20 to +40 degrees C** |
| Storage | **-20 to +65 degrees C** |
| Glow wire | **750 degrees C** |
| Warranty | **5 years** |
| Installation | **Surface wall mount** |

## OPTIC / INSTALLATION NOTE

Polarised wall-washing lens. Select the colour temperature before final closure and preserve all seals.

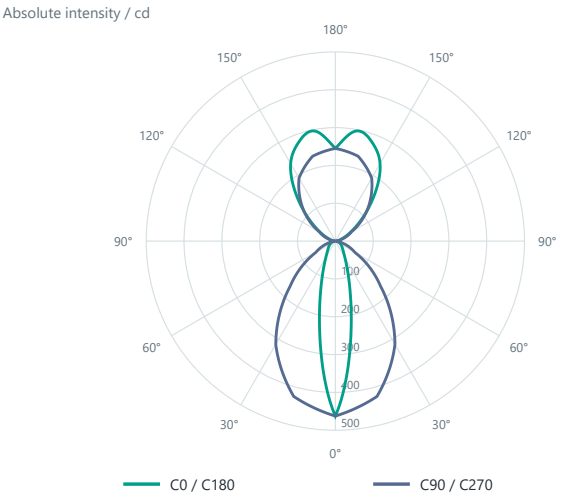
Nominal luminous flux: 890-950 lm (+/-5%), depending on the selected colour temperature.

# Photometric performance

4000 K photometric sample / up and down

| TOTAL FLUX | MEASURED INPUT | PEAK INTENSITY |
|---|---|---|
| **943 lm** | **7.39 W** | **462.5 cd** |

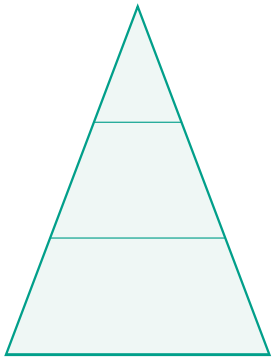
## LUMINOUS INTENSITY




Down: C0 20.9 / C90 77.2 degrees

Up: C0 83.3 / C90 89.4 degrees

## DOWNWARD BEAM CONE



**Down beam 20.9°**

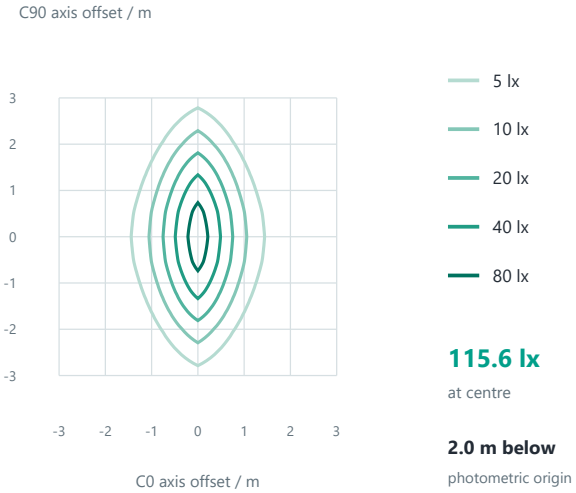
Schematic / not to scale

| | |
|---|---|
| **1.0 m** | **462.5 lx** |
| Footprint 0.37 × 1.60 m | |
| **2.0 m** | **115.6 lx** |
| Footprint 0.74 × 3.20 m | |
| **3.0 m** | **51.4 lx** |
| Footprint 1.10 × 4.79 m | |

C0 × C90 at 50% peak

Direct light / free field

## HORIZONTAL REFERENCE PLANE




**115.6 lx**

at centre

**2.0 m below**

photometric origin

## CCT SAMPLE COMPARISON

| CCT | Flux / input |
|---|---|
| 3000 K | **898 lm / 7.58 W** |
| 4000 K | **943 lm / 7.39 W** |
| 5700 K | **971 lm / 7.56 W** |

Reference plane: 2.0 m below the light source. Direct light in free field.

Calculation basis: absolute IES intensity data with Type C symmetry. Beam footprints use 50% peak intensity in C0 and C90. Direct illuminance includes distance and incidence angle, without reflections or obstructions.

# Driver Technical Data

Built-in TRIAC dimmable driver

## PERFORMANCE / PROTECTION

| | |
|---|---|
| Driver efficiency | **>=78%** |
| Pst / SVM | **<1 / <=0.4** |
| Flicker index | **<5%** |
| Inrush current / duration | **1.68 A / 42.4 microseconds** |
| No-load power | **<1 W at 230 V AC** |
| Protection | **Short circuit / over-voltage / over-temperature** |

## ELECTRICAL TESTS

| | |
|---|---|
| Withstand voltage | **I/P-O/P: 3.75 kVac, <5 mA for 60 s** |
| Insulation resistance | **I/P-O/P: 500 V DC, >=4 megohms** |
| Surge | **IEC/EN 61000-4-5, L-N: 1 kV** |

## EMC STANDARDS

Emission: EN 55015; EN 61000-3-2.

Immunity: EN 61000-4-2, -3, -4, -5, -6, -8, -11; EN 61547.