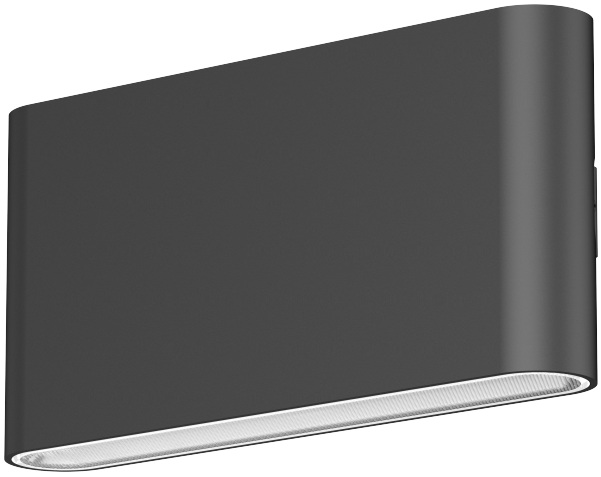
LANN

8 W CCT selectable up/down wall light

Black finish / LM-GWL208CCT-B

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	**Black / RAL 9005**
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.

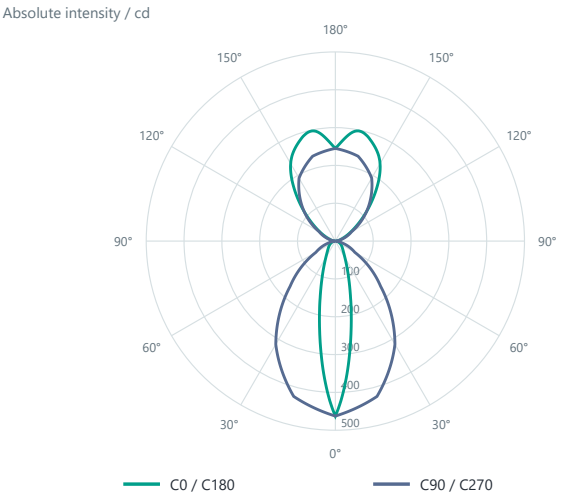
Nominal luminous flux: 890-950 lm (+/-5%), depending on the selected colour temperature.

Photometric performance

4000 K photometric sample / up and down

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

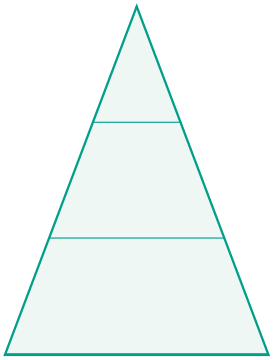
LUMINOUS INTENSITY



Down: C0 20.9 / C90 77.2 degrees

Up: C0 83.3 / C90 89.4 degrees

DOWNWARD BEAM CONE



Down beam 20.9°

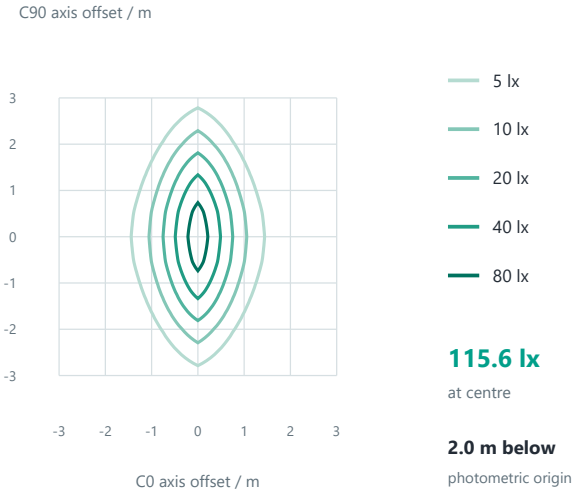
Schematic / not to scale

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.