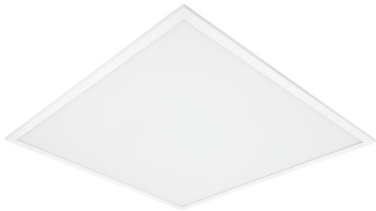# PRODUCT DATASHEET
PANEL 600 36 W 4000 K OP IP54 WT

PANEL 600 IP54 | Square recessed panel luminaires with IP54 protection and high luminous flux, 600 x 600 mm

AREAS OF APPLICATION

– Direct replacement for luminaires with fluorescent lamps
– Hospitals
– Laboratories
– Suitable for recessed ceiling systems with grid size of 600 x 600 mm
– Kitchens, workspaces

PRODUCT BENEFITS

– Suitable for use in dusty and damp locations thanks to high IP rating
– High lumen output reduces the total number of panels per installation
– Energy savings of up to 50 % (compared to luminaires that use fluorescent lamps)
– Low flicker light thanks to special electronic control gear
– 5 years guarantee

PRODUCT FEATURES

– Type of protection: IP54
– Luminous flux: up to 4,320 lm
– High luminous efficacy: up to 120 lm/W
– Lifetime (L80/B50): up to 60,000 h (at 25 °C)
– Aluminum housing, PMMA diffuser

TECHNICAL DATA

Electrical data

Nominal wattage	36.00 W
Operating mode	External LED driver
Nominal voltage	220...240 V
Mains frequency	50/60 Hz
Power factor λ	>0.90
Inrush current	15.0 A
Total harmonic distortion	20 %
Inrush current time T$_{h50}$	460 µs

Luminaire control gear data

Flicker-free	Yes
ECG - Length	150 mm
ECG - Width	41.4 mm
Max. no. of lum. on circuit break. B16 A	17
Max. no. of lum. on circuit break. C10 A	35
Max. no. of lum. on circuit break. C16 A	56

Photometrical data

Color temperature	4000 K
Color rendering index Ra	>80
Light color (designation)	Cool White
Luminous flux	4320 lm
Luminous efficacy	120 lm/W
Standard deviation of color matching	3 sdcm

Light technical data

Beam angle	120 °

Dimensions & weight

Length	595.0 mm
Width	595.0 mm
Height	12.6 mm
Product weight	3200.00 g
Mounting width	575 mm
Mounting length	575 mm

Colors & materials

Housing color	White
Product color	White
Housing color	White
Body material	Aluminum
Cover material	Polymethylmethacrylate (PMMA)

Temperatures & operating conditions

Ambient temperature range	-10...+45 °C

Lifespan

Number of switching cycles	25000
Lifespan L70/B50 at 25 °C	80000 h
Lifespan L80/B10 at 25 °C	60000 h
Lifespan L90/B10 at 25 °C	35000 h

Additional product data

Mounting type	Recessed/Suspended/Surface
Mounting location	Ceiling / Wall

Capabilities

Dimmable	No

Type of connection	Screw terminal, 2-Pole (L,N)
LED module replaceable	Not replaceable

Certificates & standards

Type of protection	IP54
Protection class	II
Protection class IK (shock resistance)	IK04
Glow Wire Test according to IEC 695-2-1	650 °C
Photobiological safety group EN62778	RG 0
Standards	CE/CB/ENEC/TÜV SÜD/EAC/RoHS

Light Distribution

Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	1.56 / 1.55	E(0°) 5812 / E(C90) 57.3° 460 / E(C0) 57.1° 466
1.0	3.12 / 3.09	E(0°) 1453 / E(C90) 57.3° 115 / E(C0) 57.1° 117
1.5	4.67 / 4.64	E(0°) 646 / E(C90) 57.3° 51 / E(C0) 57.1° 52
2.0	6.23 / 6.18	E(0°) 363 / E(C90) 57.3° 29 / E(C0) 57.1° 29
2.5	7.79 / 7.73	E(0°) 232 / E(C90) 57.3° 18 / E(C0) 57.1° 19
3.0	9.35 / 9.27	E(0°) 161 / E(C90) 57.3° 13 / E(C0) 57.1° 13

C0/C180 (Half beam angle [°]: 114.2°)
C90/C270 (Half beam angle [°]: 114.6°)

cd/klm — = 100%

C0/C180
C90/C270
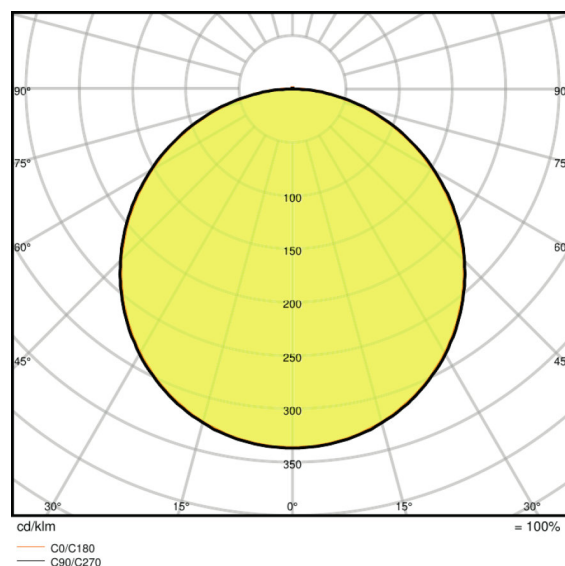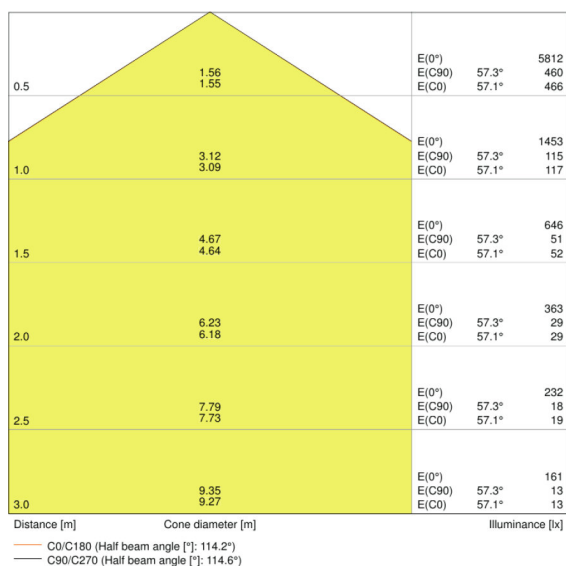
LDC typ cone

LDC typ polar

EQUIPMENT / ACCESSORIES

– Accessories for several mounting options available
– External control gear included

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075149502	Folding carton box 1	625 mm x 62 mm x 635 mm	3495.00 g	24.61 dm³

| 4058075149519 | Shipping carton box 4 | 650 mm x 270 mm x 645 mm | 14830.00 g | 113.20 dm³ |

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

REFERENCES / LINKS

For Guarantee see
▶ www.ledvance.com/guarantee

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.

—