PRODUCT DATASHEET
PANEL 600 36 W 3000 K OP WT

PANEL 600 | Square edge-lit panel luminaires, 600 mm

AREAS OF APPLICATION

– Direct replacement for luminaires with fluorescent lamps
– Corridors
– Offices
– Conference rooms
– Reception areas
– Foyers
– Elevators
– Suitable for recessed ceiling systems with grid size of 600 x 600 mm

PRODUCT BENEFITS

– Energy savings of up to 50 % (compared to luminaires that use fluorescent lamps)
– External driver for extended flexibility
– Light guide plate with micro structure made of non-yellowing material for long lifetime
– Easy and quick installation
– Low flicker light thanks to special electronic control gear
– 5 years guarantee

PRODUCT FEATURES

– Lifetime (L80/B50): up to 60,000 h (at 25 °C)
– Aluminum housing, polystyrene diffuser
– High luminous efficacy: up to 120 lm/W
– Initial color consistency: < 4 SDCM
– Ambient temperature in operation: -10...+40 °C
– Type of protection: IP20

TECHNICAL DATA

Electrical data

Nominal wattage	36.00 W
Operating mode	Electronic control gear (ECG)
Nominal voltage	220...240 V
Mains frequency	50/60 Hz
Power factor λ	> 0.95

Luminaire control gear data

ECG - Length	150 mm
ECG - Width	41.4 mm

Photometrical data

Color temperature	3000 K
Color rendering index Ra	>80
Light color (designation)	Warm White
Luminous flux	4320 lm
Luminous efficacy	120 lm/W
Standard deviation of color matching	<4 sdcm

Light technical data

Beam angle	120 °

Dimensions & weight
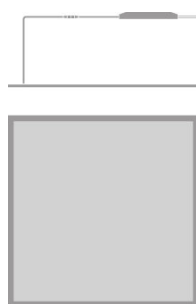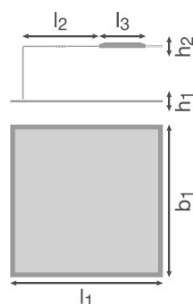
Length	595.0 mm
Width	595.0 mm
Height	12.2 mm
Product weight	3250.00 g
Mounting width	575 mm

Mounting length	575 mm

Colors & materials

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

Temperatures & operating conditions

Ambient temperature range	-10...40 °C

Lifespan

Lifespan L70 at 25 °C	70000 h
Lifespan L80 at 25 °C	60000 h
Lifespan L90 at 25 °C	35000 h

Additional product data

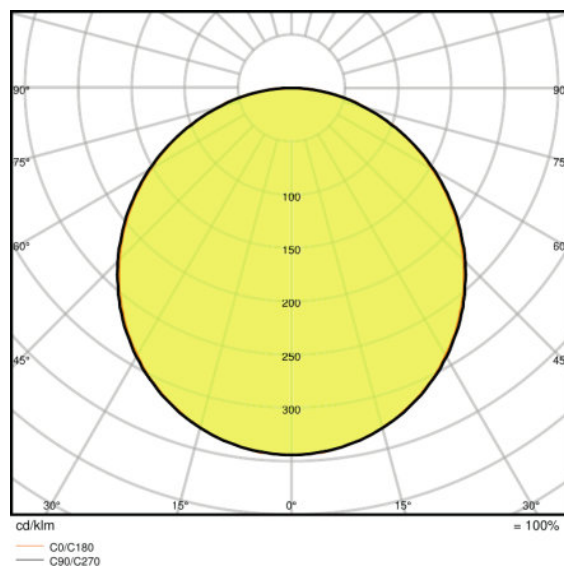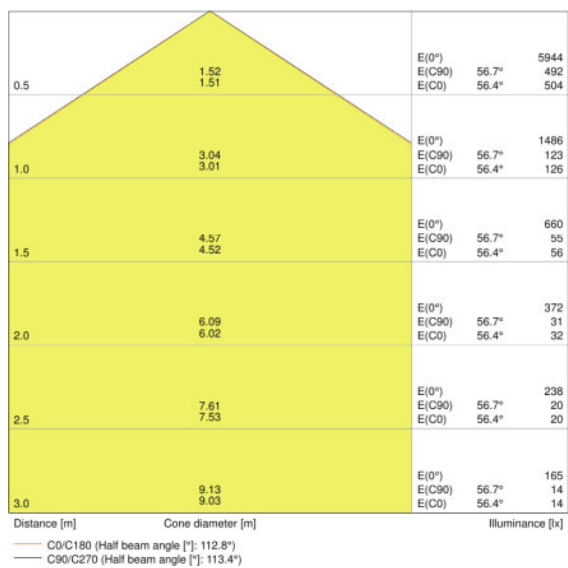| Mounting type	Recessed/Suspended/Surface
Mounting location	Ceiling / Wall

Capabilities

Dimmable	No
Type of connection	Screw terminal, 2-Pole (L,N)
LED module replaceable	Not replaceable

Certificates & standards

Type of protection	IP20
Protection class	II
Protection class IK (shock resistance)	IK03
Glow Wire Test according to IEC 695-2-1	650 °C
Photobiological safety group EN62778	RG 0
Standards	CE/CB/TÜV SÜD/EAC/RoHS

Light Distribution

0.5	1.52 / 1.51	E(0°) E(C90) E(C0)	56.7° 56.4°	5944 492 504
1.0	3.04 / 3.01	E(0°) E(C90) E(C0)	56.7° 56.4°	1486 123 126
1.5	4.57 / 4.52	E(0°) E(C90) E(C0)	56.7° 56.4°	660 55 56
2.0	6.09 / 6.02	E(0°) E(C90) E(C0)	56.7° 56.4°	372 31 32
2.5	7.61 / 7.53	E(0°) E(C90) E(C0)	56.7° 56.4°	238 20 20
3.0	9.13 / 9.03	E(0°) E(C90) E(C0)	56.7° 56.4°	165 14 14

Distance [m]   Cone diameter [m]   Illuminance [lx]

— C0/C180 (Half beam angle [°]: 112.8°)
— C90/C270 (Half beam angle [°]: 113.4°)

LDC typ cone

cd/klm   = 100%

— C0/C180
— C90/C270

LDC typ polar

EQUIPMENT / ACCESSORIES

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- Accessories for several mounting options available
- Security rope for luminaire included
- External control gear included

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075113060	Folding carton box 1	625 mm x 38 mm x 680 mm	3545.00 g	16.15 dm³
4058075113077	Shipping carton box 4	695 mm x 170 mm x 645 mm	15030.00 g	76.21 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

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