PRODUCT DATASHEET
PANEL INDV 600 33 W 4000K

PANEL IndiviLED® 600 GEN 1 | Square recessed luminaire with IndiviLED® optics, 600mm

GERMAN DESIGN AWARD NOMINEE 2019



PERFOR-MANCE CLASS

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

- Homogenous light distribution and reduced glare thanks to the IndiviLED® optics
- Energy savings of up to 50 % (compared to luminaires that use fluorescent lamps)
- Robust structure with IK08
- Low flicker light thanks to special electronic control gear
- 5 years guarantee

Product features

- Each LED with individual lens and reflector for UGR < 16 and homogenous light distribution
- Lifetime (L80/B50): up to 50,000 h (at 25 °C)
- Metal housing, polycarbonate (PC) lenses and reflectors
- Luminous flux: up to 4,000 lm
- Luminous efficacy: up to 120 lm/W
- Initial color consistency: 3 SDCM
- Glow Wire Test according to IEC 60695-2-12: 850 °C

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– Luminaire versions with IoT-ready DALI-2 driver or IoT Zigbee 3.0 technology available

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TECHNICAL DATA

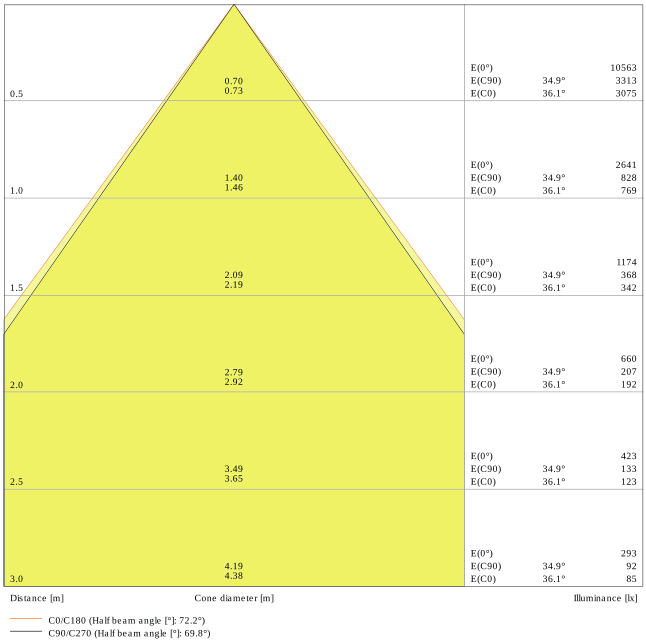
Electrical data

Nominal wattage	33.00 W
Nominal voltage	220…240 V
Mains frequency	50/60 Hz
Nominal current	180.000 mA
Inrush current	36.4 A
Inrush current time T_{h50}	80 µs
Max. number of luminaires per miniature circuit breaker B16	18
Max. number of luminaires per miniature circuit breaker C10	15
Max. number of luminaires per miniature circuit breaker C16	24
Power factor λ	> 0.90
Maximum total harmonic distortion	20 %
Protection class	II
Operating mode	External LED driver

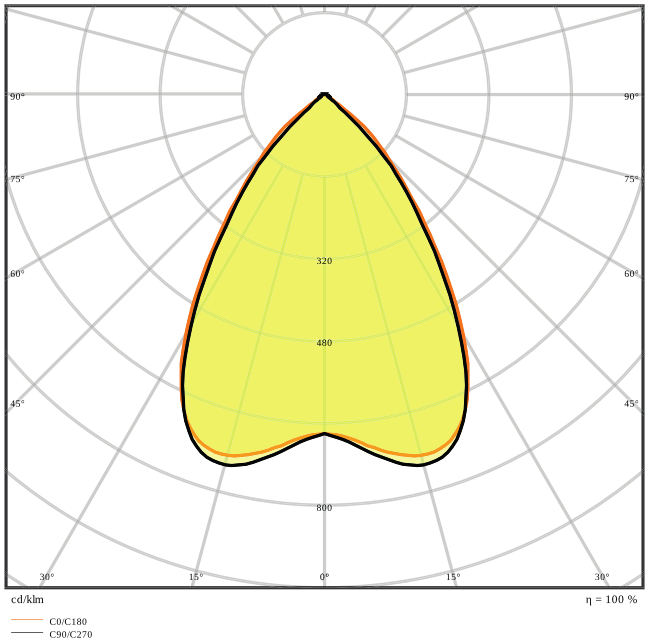
Photometrical data

Luminous flux	4000 lm
Luminous efficacy	120 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	≥80
Standard deviation of color matching	3 sdcm
Luminous intensity	-
Low flicker	Yes
Flickering metric (Pst LM)	-
Stroboscope effect metric (SVM)	-
Photobiological safety group acc. to EN62778	RG1
Beam angle	70 °
UGR	< 16

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Panel Indv 600 33W 4000K

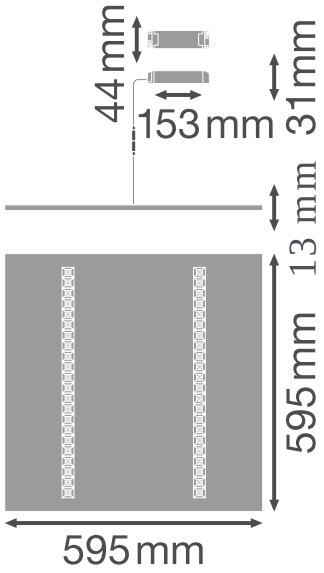


Panel Indv 600 33W 4000K

Dimensions & Weight

Length	595.00 mm
Width	595.00 mm
Height	13.00 mm
Product weight	3500.00 g

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PANEL INDV 600 33W

Materials & Colors

Product color	White
Housing color	White
RAL Color (most similar)	RAL 9003
Body material	Steel
Cover material	Polycarbonate (PC)
Light emitting surface material	Polycarbonate (PC)
Glow Wire Test according to IEC 60695-2-12	850 °C
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-20…+45 °C
Type of connection	Screw terminal, 2-Pole (L,N)
Type of protection	IP40
Protection class IK (shock resistance)	IK08
Dimmable	No
Mounting type	Recessed
Mounting location	Ceiling
Application environment	Indoor
Mounting length	575 mm

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Mounting width	575 mm
Mounting depth	50,0 mm
With light source	Yes
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	80000 h [1)]
Lifespan L80/B10 at 25 °C	60000 h [1)]
Lifespan L80/B50 at 25 °C	60000 h
Lifespan L90/B10 at 25 °C	35000 h [1)]
Number of switching cycles	25000

1) t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

Certificates & Standards

Standards	CE / CB / ENEC / TÜV SÜD / EAC
Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	No

Accessories Optional

Product image	Product name	EAN
	CONNECTOR BOX 5POLE L/N/PE/D+/D- 4x	4058075473034
	CONNECTOR BOX 5POLE L/N 4x	4058075473010
	PANEL RECESSED MOUNT CLIPS VAL 4x	4058075409859
	EM CONVERSION BOX	4058075237025

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Product image	Product name	EAN
	PANEL Suspension Kit	4058075402928

EQUIPMENT / ACCESSORIES

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

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	User instruction / safety instructions	User Instruction Panel IndiviLED 600 625
PDF	Legal information	LSI PANEL INDV
PDF	Legal information	Informationstext 18 Abs 4 ElektroG
PDF	Declarations of conformity	EU declaration of conformity panel IndiviLED

	Photometric and lighting design files	Document name
IES	IES file (IES)	Panel Indv 600 33W 4000K
LDT	LDT file (Eulumdat)	Panel Indv 600 33W 4000K
ULD	ULD file (DIALux)	PANEL INDV 600 33W-4000K
ROLF	ROLF file (RELUX)	PANEL INDV 600 33W-4000K
	UGR file (UGR table)	Panel Indv 600 33W 4000K
	Light distribution curve type cone	Panel Indv 600 33W 4000K
	Light distribution curve type polar	Panel Indv 600 33W 4000K

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	CAD/BIM files	Document name
	BIM Revit 3D	PANEL Indiv
	CAD STEP 3D	PANEL Indiv 600

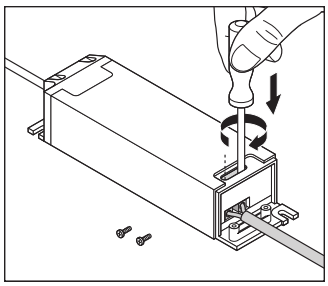
	Tender texts	Document name
	Tender documents	PANEL IndiviLED 600 33 W 4000K-EN

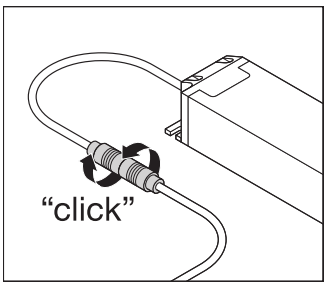
LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075201156	Folding box 1	643 mm x 688 mm x 38 mm	3893.00 g	16.81 dm^3
4058075201163	Shipping box 3	660 mm x 135 mm x 710 mm	12554.00 g	63.26 dm^3

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.

ADDITIONAL CATALOG INFORMATION





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.

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