PRODUCT DATASHEET
PL COMP 600 V 30W 940 U19

PANEL COMPACT 600 UGR<19 CRI90 | Square recessed panel luminaire with low glare and CRI90, for 600 x 600 mm ceiling systems

VALUE CLASS

Areas of application

- Direct replacement for luminaires with fluorescent lamps
- Offices, conference rooms
- Reception areas, foyers, corridors, elevators
- Suitable for recessed ceiling systems with grid size of 600 x 600 mm

Product benefits

- High color rendering index (Ra>90) with up to 104 lm/W
- Good glare reduction (UGR < 19)
- Low flicker light thanks to special electronic control gear
- External driver with an optional 3-pole through-wiring feature
- Versions with DALI ECG available
- 5 years guarantee

Product features

- Extruded aluminum frame
- Polystyrene diffuser
- Lifetime (L80/B10): up to 50,000 h (at 25 °C)

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TECHNICAL DATA

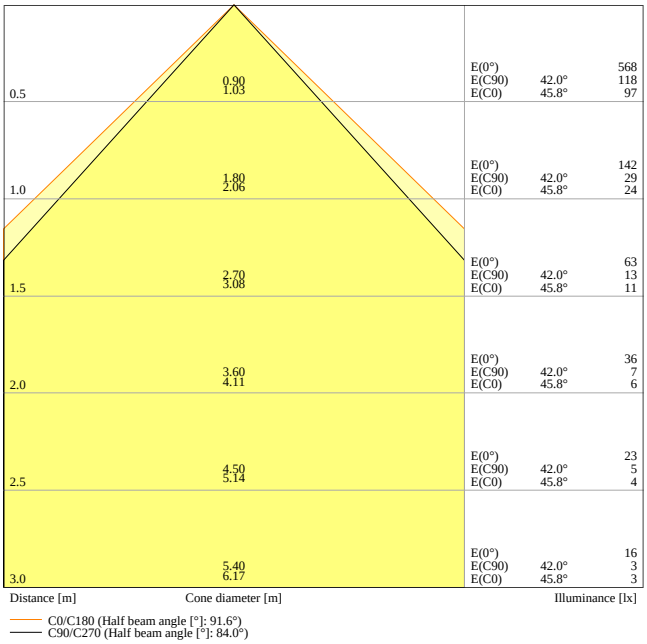
Electrical data

Nominal wattage	30.00 W
Nominal voltage	220…240 V
Mains frequency	50…60 Hz
Nominal current	158.000 mA
Inrush current	12.1 A
Inrush current time T_{h50}	52 µs
Max. number of luminaires per miniature circuit breaker B16	62
Max. number of luminaires per miniature circuit breaker C10	49
Max. number of luminaires per miniature circuit breaker C16	79
Power factor λ	> 0.90
Maximum total harmonic distortion	< 10 %
Protection class	II
Operating mode	External LED driver

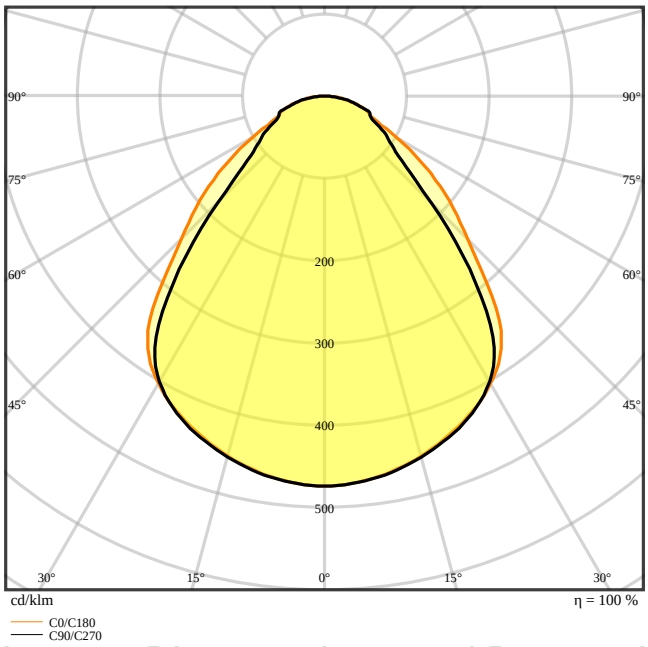
Photometrical data

Luminous flux	3120 lm
Luminous efficacy	104 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	> 90
Standard deviation of color matching	≤5 sdcm
Low flicker	Yes
Flickering metric (Pst LM)	<1
Stroboscope effect metric (SVM)	< 0.4
Photobiological safety group acc. to EN62778	RG0
Beam angle	90 °
UGR	< 19

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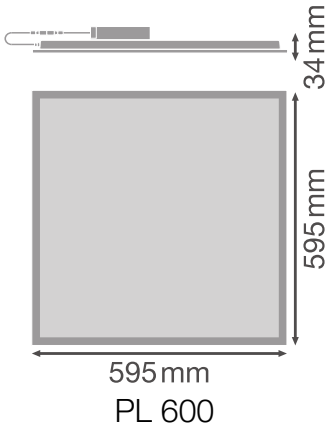
PL COMP 600 V 30W 940 U19 EM CONVERSION BOX



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Dimensions & Weight

Length	595.00 mm
Width	595.00 mm
Height	32.00 mm
Product weight	1790.00 g



PL 600

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Materials & Colors

Product color	White
Housing color	White
RAL Color (most similar)	RAL 9003
Body material	Aluminum
Cover material	Polystyrene (PS)
Light emitting surface material	Polystyrene
Glow Wire Test according to IEC 60695-2-12	650 °C
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-10…+45 °C
Temperature range at storage	-20…+70 °C
Type of connection	Screwless terminal, 2-Pole (L, N)
Type of protection	IP40/IP20
Protection class IK (shock resistance)	IK02
Dimmable	No
Mounting type	Recessed/Suspended/Surface
Mounting location	Ceiling
Application environment	Indoor
Mounting length	575 mm
Mounting width	575 mm
Mounting depth	50,0 mm
Mechanically adjustable	No
With light source	Yes
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	70000 h [1)]
Lifespan L80/B10 at 25 °C	50000 h [1)]
Lifespan L80/B50 at 25 °C	50000 h
Lifespan L90/B10 at 25 °C	40000 h [1)]
Number of switching cycles	50000

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

Control gear

Output current	650 mA

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Output ripple current (100 Hz)	< 7 %
ECG - Length	116.7 mm
ECG - Width	49.9 mm
ECG - Height	27 mm
Recommended control gear	LEDV DR DALI-P-44/220-240/1050

Emergency lighting

Type of Emergency Lighting (EL)	Optional EL unit (battery and controller) for decentral operation available separately

Certificates & Standards

Standards	CE / CB / ENEC / UKCA / EAC / EPD
Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	No
EPD	LEDV-00008-V01.01-EN

Accessories Optional

Product image	Product name	EAN
	DR DALI - P -44/220-240/1050	4058075779723
	DR AY ZB+DALI CLAMP DUO	4058075483125
	EM CONVERSION BOX	4058075237025
	PANEL 600 SURFACE MOUNT KIT H75	4058075472914
	PANEL 600 SURFACE MOUNT KIT H70 VAL	4058075402843

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Product image	Product name	EAN
	PANEL RECESSED MOUNT CLIPS VAL 4x	4058075409859
	PANEL 600 RECESSED MOUNT FRAME	4058075402881
	PANEL Suspension Kit	4058075402928
	CONNECTOR BOX 5POLE L/N 4x	4058075473010

EQUIPMENT / ACCESSORIES

- Accessories for several mounting options available
- Security rope for luminaire included
- Security brackets preinstalled
- External control gear included
- Suitable for use with separate Emergency Conversion Box
- Connector box with 5-pole terminal for through-wiring separately available for cable cross sections up to 2.5 mm^2

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	User instruction / safety instructions	UI PANEL COMPACT 2CCT
PDF	Legal information	LISO Insert PL COMP 600 V
PDF	Legal information	EM Insert PL COMP
PDF	Legal information	Informationstext 18 Abs 4 ElektroG
PDF	Declarations of conformity	CE Declaration of Conformity PL COMP V
PDF	Declarations of conformity UKCA	UKCA Declaration of Conformity PL COMP V
PDF	Certificates	PL COMP

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	Documents and certificates	Document name
PDF	EPD	EPD EN PANEL COMPACT DALI

	Photometric and lighting design files	Document name
IES	IES file (IES)	PL COMP 600 V 30W 940 U19 EM CONVERSION BOX
LDT	LDT file (Eulumdat)	PL COMP 600 V 30W 940 U19 EM CONVERSION BOX
ULD	ULD file (DIALux)	PL COMP 600 V 30W 940 U19
ROLF	ROLF file (RELUX)	PL COMP 600 V 30W 940 U19
	UGR file (UGR table)	PL COMP 600 V 30W 940 U19 EM CONVERSION BOX
	Light distribution curve type cone	PL COMP 600 V 30W 940 U19 EM CONVERSION BOX
	Light distribution curve type polar	PL COMP 600 V 30W 940 U19 EM CONVERSION BOX

	CAD/BIM files	Document name
RFA	BIM Revit 3D	Panel Compact
STEP	CAD STEP 3D	PL COMP 600

	Tender texts	Document name
TXT	Tender documents	PANEL COMPACT 600 UGR19 CRI90 30W 940 U19-EN

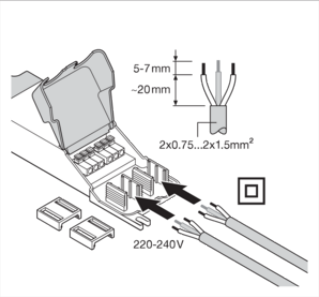
LOGISTICAL DATA

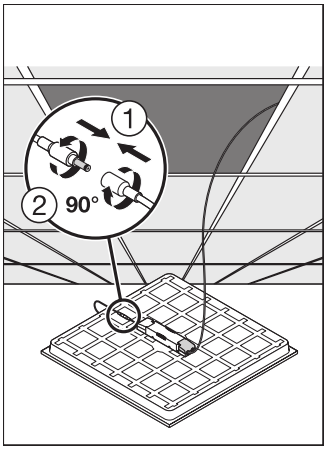
Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854017346	Folding box 1	602 mm x 37 mm x 662 mm	2220.00 g	14.75 dm^3
4099854017353	Shipping box 4	677 mm x 164 mm x 628 mm	9790.00 g	69.73 dm^3

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.

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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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