PRODUCT DATASHEET
PL COMP 600 V 35W 830 840 U19 PS

PANEL COMPACT 600 UGR<19 2CCT | Square recessed panel luminaires with Multi Select function and low glare, for 600 x 600 mm ceiling systems

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

- Highly versatile due to selectable CCT and lumen steps (Multi Select)
- Good glare reduction (UGR < 19)
- Low flicker light thanks to special electronic control gear
- External driver for extended flexibility and easy installation
- 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

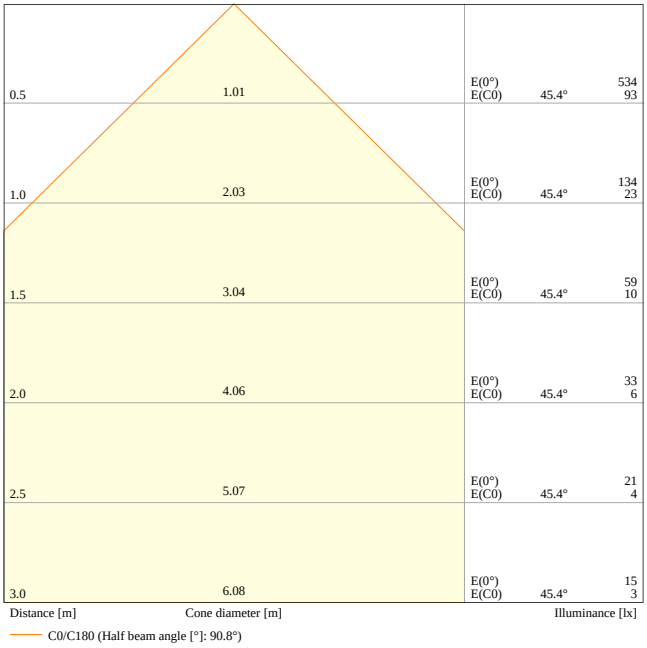
Electrical data

Nominal wattage	35.0 W / 30 W
Nominal voltage	220…240 V
Mains frequency	50…60 Hz
Nominal current	170.000 mA
Inrush current	12.3 A
Inrush current time T_{h50}	52 µs
Max. number of luminaires per miniature circuit breaker B16	61
Max. number of luminaires per miniature circuit breaker C10	48
Max. number of luminaires per miniature circuit breaker C16	78
Power factor λ	> 0.90
Maximum total harmonic distortion	< 10 %
Protection class	II
Operating mode	External LED driver

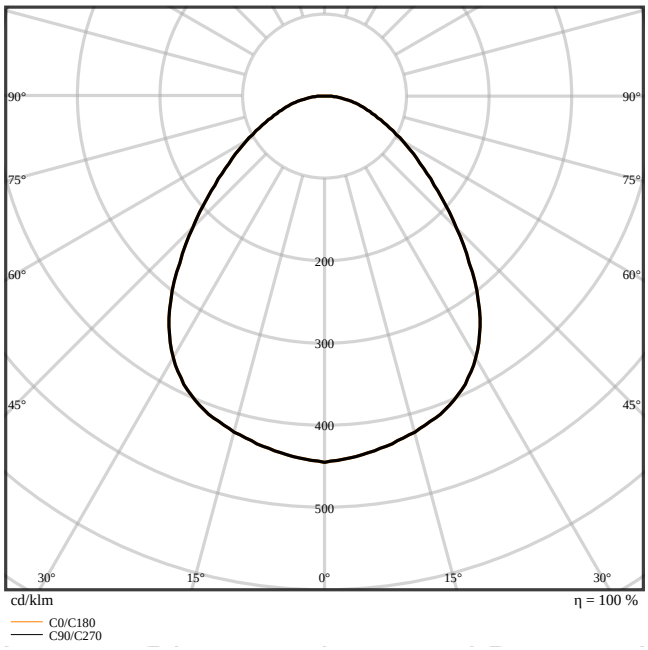
Photometrical data

Luminous flux	3300 lm / 3850 lm
Luminous efficacy	110 lm/W
Color temperature	3000 K / 4000 K
Light color (designation)	Warm White / Cool White
Color rendering index Ra	> 80
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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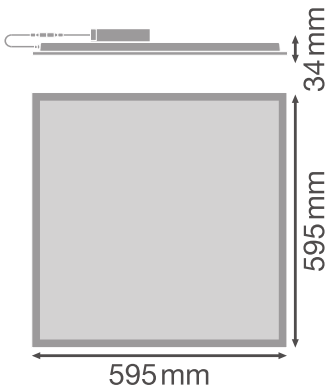
PL COMP 600 V 30W 830 U19 PS 3300lm



PL COMP 600 V 30W 830 U19 PS 3300lm

Dimensions & Weight

Length	595.00 mm
Width	595.00 mm
Height	32.00 mm
Product weight	1750.00 g



PL 600

Materials & Colors

Product color	White
Housing color	White

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RAL Color (most similar)	RAL 9003
Body material	Steel
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…+50 °C
Temperature range at storage	-20…+80 °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	595.00 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	730 mA
Output ripple current (100 Hz)	< 5 %
ECG - Length	116.7 mm
ECG - Width	44 mm
ECG - Height	30,0 mm
Recommended control gear	LEDV DR DALI-P-44/220-240/1050

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Emergency lighting

Type of Emergency Lighting (EL)	Optional EL unit (battery and controller) for decentral operation available separately / EL certified driver (0Hz / DC operation) for central battery operation included

Certificates & Standards

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

Additional product data

Added function	MULTI LUMEN

EQUIPMENT / ACCESSORIES

- External control gear included with a switch to select preferred lumen level
- Separate switch preinstalled to choose preferred CCT during installation
- Suitable for use with separate Emergency Conversion Box
- Accessories for several mounting options available
- Security rope for luminaire included
- Security brackets preinstalled

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	User instruction / safety instructions	UI PANEL COMPACT 2CCT
PDF	Legal information	LSI PANEL COMPACT 600 625
PDF	Legal information	Legal Insert PL COMP
PDF	Legal information	EM Insert PL COMP
PDF	Legal information	Informationstext 18 Abs 4 ElektroG
PDF	Declarations of conformity	PL COMP 625
PDF	Declarations of conformity UKCA	PL COMP 625
PDF	Certificates	PL COMP

	Photometric and lighting design files	Document name
IES	IES file (IES)	PL COMP 600 V 35W 830 U19 PS 3850lm

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	Photometric and lighting design files	Document name
	LDT file (Eulumdat)	PL COMP 600 V 35W 840 U19 PS 3850lm
	ULD file (DIALux)	PL COMP 600 V 35W 830 840 U19 PS
	ROLF file (RELUX)	PL COMP 600 V 35W 830 840 U19 PS
	UGR file (UGR table)	PL COMP 600 V 30W 830 U19 PS 3300lm
	Light distribution curve type cone	PL COMP 600 V 30W 830 U19 PS 3300lm
	Light distribution curve type polar	PL COMP 600 V 30W 830 U19 PS 3300lm

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

	Tender texts	Document name
	Tender documents	PANEL COMPACT 600 UGR19 2CCT 35W 830 840 U19 PS-EN

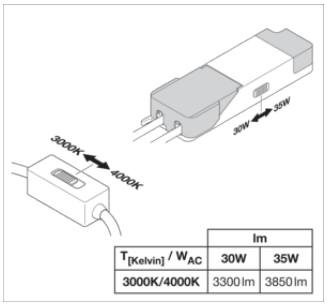
LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854206535	Folding box 1	602 mm x 37 mm x 662 mm	2180.00 g	14.75 dm^3
4099854206542	Shipping box 4	677 mm x 164 mm x 628 mm	9630.00 g	69.73 dm^3

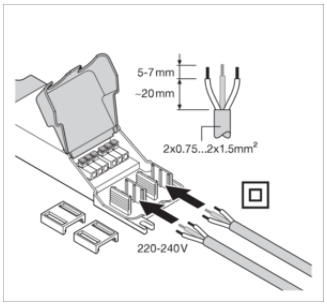
The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

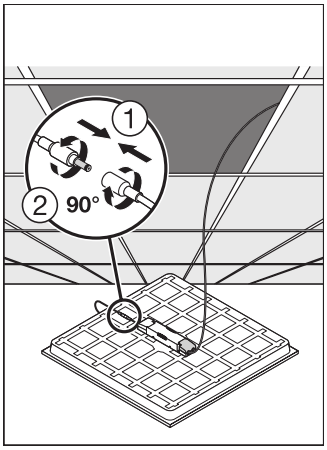
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ADDITIONAL CATALOG INFORMATION



$T_{[Kelvin]}$ / W_{AC}	lm	
	30W	35W
3000K/4000K	3300 lm	3850 lm





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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