PRODUCT DATASHEET
PL COMP 600 V 30W ML 83040 U19

PANEL COMPACT 600 MULTI SELECT | Square recessed panel luminaire with Multi Select function, 600 x 600 mm

VALUE CLASS

Areas of application

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

Product benefits

- Highly versatile due to selectable lumen levels and light colors (Multi Select)
- Energy savings thanks to high system efficacy: up to 140 lm/W
- High lumen output with up to 4200 lm (3 levels selectable)
- High color consistency with SDCM 3
- Versions with reduced glare (U19) for office applications and CRI 90 versions available
- Through-wiring possible
- Decentral emergency lighting possible with separately available LEDVANCE Emergency Conversion Box

Product features

- Extruded aluminum frame, metal housing
- Polystyrene diffuser
- Lifetime (L80/B10): up to 75,000 h (at 25 °C)
- 3-pole terminal block, cable cross section up to 3 x 1.5 mm^2
- Type of protection: IP50 (panel luminaire), IP20 (driver)



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TECHNICAL DATA

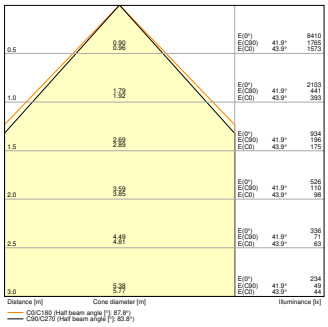
Electrical data

Nominal wattage	30 W / 26 W / 22 W
Nominal voltage	220…240 V
Mains frequency	50/60 Hz
Nominal current	135mA / 115mA / 105 mA
Inrush current	26.4 A
Inrush current time T_{h50}	114 µs
Max. number of luminaires per miniature circuit breaker B16	25
Max. number of luminaires per miniature circuit breaker C10	19
Max. number of luminaires per miniature circuit breaker C16	30
Power factor λ	0.90
Protection class	II
Surge capability (L-N)	1000 V
Operating mode	External LED driver

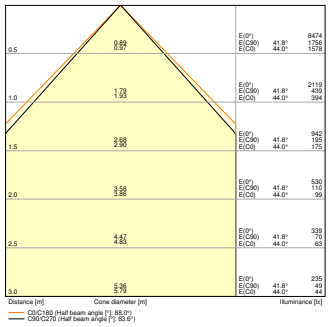
Photometrical data

Luminous flux	4200 lm / 3640 lm / 3080 lm
Luminous efficacy	140 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	< 3 sdcm
Low flicker	Yes
Flickering metric (Pst LM)	<1
Stroboscope effect metric (SVM)	< 0.4
Photobiological safety group acc. to EN62778	RG0
Photobiological safety group acc. to EN62471	RG0
Beam angle	90 °
UGR	< 19

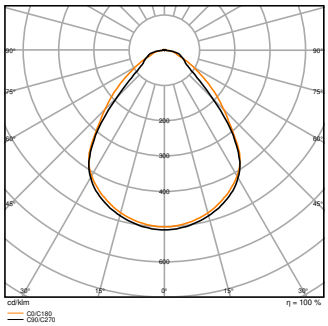
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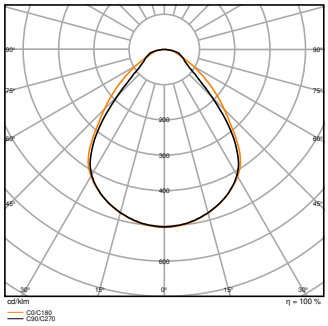
PL COMP 600 V 30W ML 830 U19 4200lm



PL COMP 600 V 30W ML 840 U19 4200lm



PL COMP 600 V 30W ML 830 U19 4200lm



PL COMP 600 V 30W ML 840 U19 4200lm

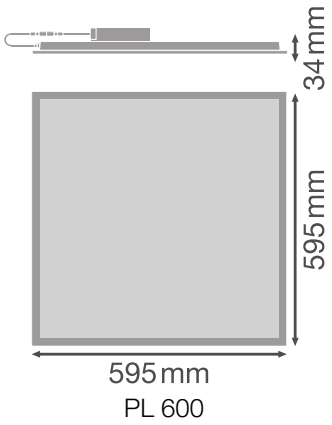
Adjustable attributes

Nominal wattage	Color temperature	Luminous flux	Luminous efficacy
22 W	3000 K	3080 lm	140 lm/W
22 W	4000 K	3080 lm	140 lm/W
26 W	3000 K	3640 lm	140 lm/W
26 W	4000 K	3640 lm	140 lm/W
30 W	3000 K	4200 lm	140 lm/W
30 W	4000 K	4200 lm	140 lm/W

Dimensions & Weight

Length	595.00 mm
Width	595.00 mm
Height	34.00 mm
Product weight	1700.00 g

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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
Type of protection	IP50/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 mm
Mechanically adjustable	No
With light source	Yes

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Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	100000 h [1)]
Lifespan L80/B10 at 25 °C	75000 h [1)]
Lifespan L80/B50 at 25 °C	75000 h
Lifespan L90/B10 at 25 °C	35000 h
Number of switching cycles	100000

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	800mA / 700mA / 600 mA
ECG - Output ripple current	0.05 %
ECG - Length	175.00 mm
ECG - Width	55,0 mm
ECG - Height	30,0 mm
Recommended control gear	DR DS-V-30/220-240/800 PL COMP

Emergency lighting

Type of Emergency Lighting (EL)	Optional EL unit (battery and controller) for decentral operation available separately
Wattage in emergency operation mode	4,5 W
Luminous flux in emergency operation mode	560

Certificates & Standards

Standards	CE / CB / ENEC / UKCA / EAC / EPD
Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	No
EPD	LEDV-00075-V01.01-EN
Replaceable light source (EPREL)	Not replaceable

Additional product data

Added function	MULTI SELECT

Accessories Optional

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Product image	Product name	EAN
	PANEL 600 SURFACE MOUNT KIT H75	4058075472914
	PANEL 600 SURFACE MOUNT KIT H75 BK	4058075834330
	PANEL 600 SURFACE MOUNT KIT H70 VAL	4058075402843
	PANEL 600 RECESSED MOUNT FRAME	4058075402881
	PANEL RECESSED MOUNT CLIPS VAL 4x	4058075409859
	PANEL Suspension Kit	4058075402928

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
- Replacement driver separately available

Upgrade and replacement components

Components EL Battery

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Product image	Product name	EAN
	EL KIT COMP 55V 4W LI MT AT 3H WT	4058075860711

Components Driver

Product image	Product name	EAN
	DR DS-V 30/220-240/800 PL COMP	4099854748837

Safety advice

- All electrical connections must be made by a qualified person.
- The external flexible cable or cord of this luminaire cannot be replaced; if the cord is damaged, the luminaire must be disposed of.
- Caution, risk of electric shock.
- The luminaires are not suitable for covering with thermally insulated material.

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	User instruction / safety instructions	G11256086 PL COMP
PDF	Legal information	Safety Insert G11207793
PDF	Legal information	Legal Insert G11146927
PDF	Legal information	Informationstext 18 Abs 4 ElektroG
PDF	Legal information	LSI PANEL COMPACT GEN2 600 625
PDF	Legal information	PL COMP
PDF	Declarations of conformity	PANEL COMPACT
PDF	Declarations of conformity UKCA	PANEL COMPACT

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	Documents and certificates	Document name
PDF	EPD	EPD_EN_PANEL COMPACT GEN 2
PDF	EPD	EPD_FR_PANEL COMPACT GEN 2

	Photometric and lighting design files	Document name
IES	IES file (IES)	PL COMP 600 V 30W ML 830 U19 4200lm
IES	IES file (IES)	PL COMP 600 V 30W ML 840 U19 4200lm
LDT	LDT file (Eulumdat)	PL COMP 600 V 30W ML 830 U19 4200lm
LDT	LDT file (Eulumdat)	PL COMP 600 V 30W ML 840 U19 4200lm
ULD	ULD file (DIALux)	PL COMP 600 V 30W ML 83040 U19
ROLF	ROLF file (RELUX)	PL COMP 600 V 30W ML 83040 U19
	UGR file (UGR table)	PL COMP 600 V 30W ML 830 U19 4200lm
	UGR file (UGR table)	PL COMP 600 V 30W ML 840 U19 4200lm
	Light distribution curve type cone	PL COMP 600 V 30W ML 830 U19 4200lm
	Light distribution curve type cone	PL COMP 600 V 30W ML 840 U19 4200lm
	Light distribution curve type polar	PL COMP 600 V 30W ML 830 U19 4200lm
	Light distribution curve type polar	PL COMP 600 V 30W ML 840 U19 4200lm

	CAD/BIM files	Document name
RFA	BIM Revit 3D	Panel Compact G2
STEP	CAD STEP 3D	PL COMP G2 600

	Tender texts	Document name
TXT	Tender documents	PANEL COMPACT 600 MULTI SELECT 30W ML 83040 U19-en

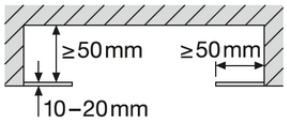
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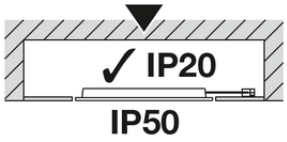
LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854734540	Folding box 1	40 mm x 602 mm x 669 mm	2083.00 g	16.11 dm^3
4099854734557	Shipping box 4	620 mm x 180 mm x 695 mm	9292.00 g	77.56 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.

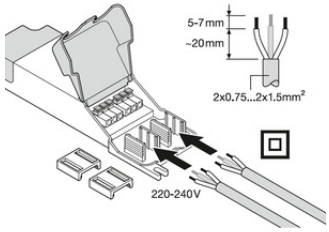
ADDITIONAL CATALOG INFORMATION



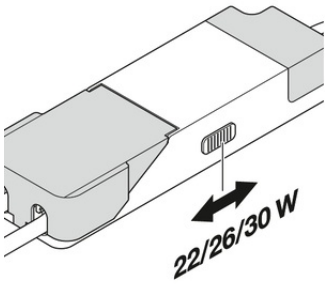








PL Compact 30W Multilumen (ML)



References / Links

– For Guarantee see www.ledvance.com/guarantee

DISCLAIMER

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