PRODUCT DATASHEET
PL COMP 600 DA V 26W 840 U19

PANEL COMPACT 600 DALI | Square recessed panel luminaire with DALI-2 IoT driver, 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

- Suitable luminaire for VIVARES and other DALI-2 Light Management Systems
- Energy savings thanks to high system efficacy: up to 140 lm/W
- High color consistency with SDCM 3
- Through-wiring possible
- Versions with reduced glare (U19) for office applications available
- Suitable for central battery emergency installations acc. to EN 60598-2-22

Product features

- IoT-ready luminaire with DALI-2 technology
- Extruded aluminum frame, metal housing
- Polystyrene diffuser - TP(a) rated (UK)
- Lifetime (L80/B10): up to 75,000 h (at 25 °C)
- 5-pole terminal block, cable cross section up to 5 x 2.5 mm^2
- Type of protection: IP50 (panel luminaire), IP20 (driver)



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TECHNICAL DATA

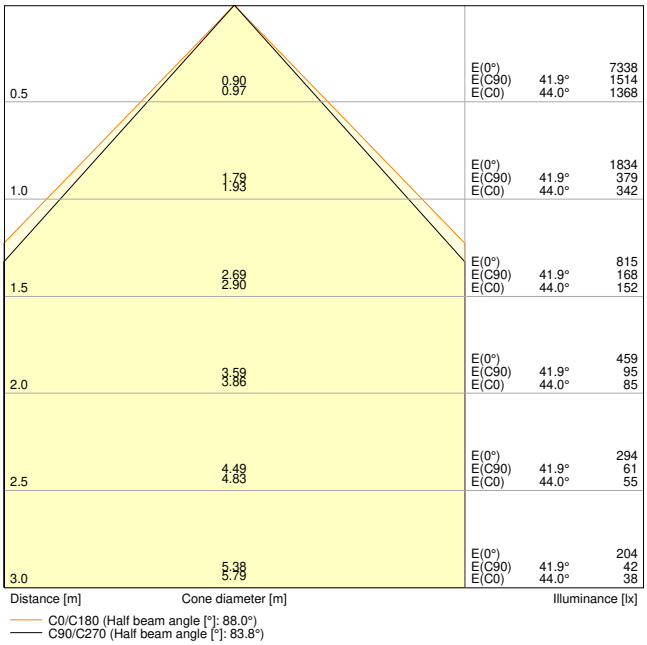
Electrical data

Nominal wattage	26.00 W
Nominal voltage	220…240 V
Mains frequency	0/50/60 Hz
Nominal current	120.000 mA
Inrush current	5.32 A
Inrush current time T_{h50}	34 µs
Max. number of luminaires per miniature circuit breaker B16	47
Max. number of luminaires per miniature circuit breaker C10	29
Max. number of luminaires per miniature circuit breaker C16	47
Power factor λ	0.90
Total harmonic distortion	< 5 %
Protection class	II
Surge capability (L-N)	1000 V
Operating mode	External LED driver
Dimming interface	DALI-2 / IoT / Push-DIM

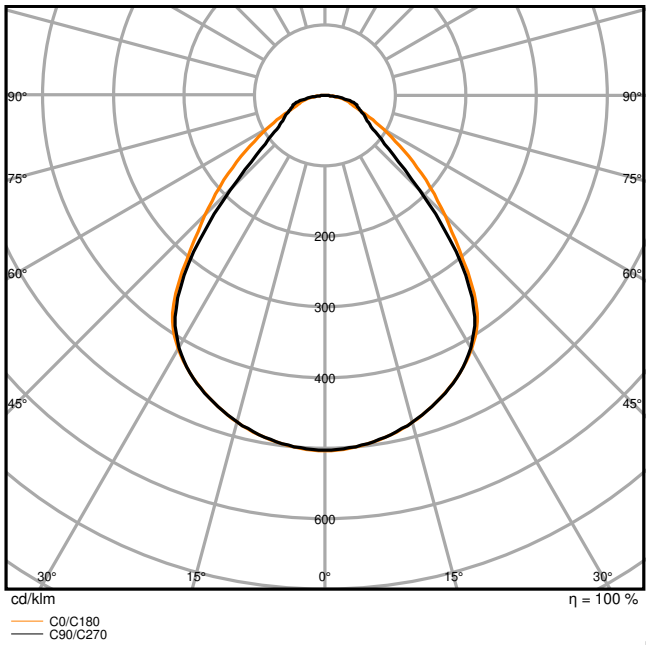
Photometrical data

Luminous flux	3640 lm
Luminous efficacy	140 lm/W
Color temperature	4000 K
Light color (designation)	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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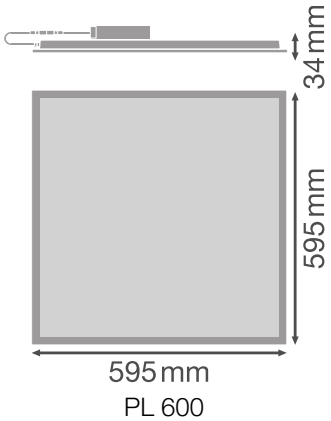
PL COMP 600 DA V 26W 840 U19 3640lm



PL COMP 600 DA V 26W 840 U19 3640lm

Dimensions & Weight

Length	595.00 mm
Width	595.00 mm
Height	34.00 mm
Product weight	1640.00 g



PL 600

Materials & Colors

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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	Yes
Type of dimming	DALI-2
Dimming range	1…100 %
IoT ready	Support of DALI data type PART 251, 252, 253 [1)]
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
Replaceable light source	No

1) Internet of Things. Supports data transfer via gateway to cloud-based monitoring platforms, such as LEDVANCE VIVARES Cloud

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

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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	700 mA
ECG - Output ripple current	0.05 %
ECG - Length	105.00 mm
ECG - Width	45.00 mm
ECG - Height	25,0 mm
Recommended control gear	DR DALI-P-42/220-240/1A0

Emergency lighting

Type of Emergency Lighting (EL)	EL certified driver (0Hz / DC operation) for central battery operation included
Wattage in emergency operation mode	4 W
Luminous flux in emergency operation mode	500

Certificates & Standards

Standards	CE / CB / ENEC / UKCA / EAC / EL / 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	VIVARES

Accessories Optional

Product image	Product name	EAN
	PANEL 600 SURFACE MOUNT KIT H75	4058075472914
	PANEL 600 SURFACE MOUNT KIT H75 BK	4058075834330

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Product image	Product name	EAN
	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

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

Components Driver

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Product image	Product name	EAN
	DR DALI-P -42/220-240/1A0	4058075845381

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	Informationstext 18 Abs 4 ElektroG
PDF	Legal information	LSI PANEL COMPACT GEN2 600 625
PDF	Legal information	PL COMP
PDF	Legal information	Legal Insert
PDF	Legal information	Safety Insert G11207793
PDF	Declarations of conformity	PANEL COMPACT
PDF	Declarations of conformity UKCA	PANEL COMPACT
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 DA V 26W 840 U19 3640lm

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	Photometric and lighting design files	Document name
	LDT file (Eulumdat)	PL COMP 600 DA V 26W 840 U19 3640lm
	ULD file (DIALux)	PL COMP 600 DA V 26W 840 U19
	ROLF file (RELUX)	PL COMP 600 DA V 26W 840 U19
	UGR file (UGR table)	PL COMP 600 DA V 26W 840 U19 3640lm
	Light distribution curve type cone	PL COMP 600 DA V 26W 840 U19 3640lm
	Light distribution curve type polar	PL COMP 600 DA V 26W 840 U19 3640lm

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

	Tender texts	Document name
	Tender documents	PANEL COMPACT 600 DALI 26W 840 U19-en

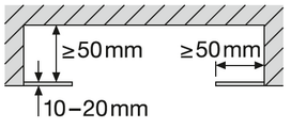
LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854734861	Folding box 1	40 mm x 602 mm x 669 mm	2023.00 g	16.11 dm^3
4099854734878	Shipping box 4	620 mm x 180 mm x 695 mm	9052.00 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

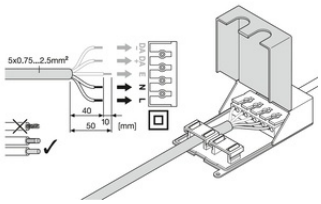
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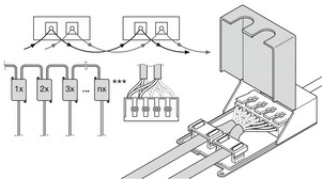




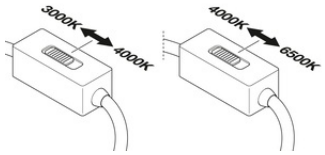


PANEL COMPACT 600 /625	DRIVER	W	I_{out} (mA)	lm	lm/W
PL COMP 600/625 26W 830 840	DR DS-V-26/220-240/700 PL COMP EAN 4099854746813	26	700	3640	140
PL COMP 600/625 DA 26W 830 840	DR DALI-P-42/220-240/1A0 EAN 4058075845381	26	700	3640	140
PL COMP 600/625 30WML 830/840/865/930/940	DR DS-V-30/220-240/800 PL COMP EAN 4099854746837	30	800	4200	140
		26	700	3640	140
		22	600	3080	140
PL COMP 600/625 DA 30W 830/840/865 PL COMP 600/625 DA 30W 930/940	DR DALI-P-42/220-240/1A0 EAN 4058075845381	30	800	4200	140
		30	800	4050	135





PL Compact 600/625 30W



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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