

PRODUCT DATASHEET

PL COMP 1200 V 35W 940 U19 DALI

PANEL COMPACT 1200 UGR<19 DALI CRI90 | Rectangular recessed panel luminaire with low glare and CRI90, for 1200 x 300 mm ceiling systems and DALI-2 technology



Areas of application

- Direct replacement for luminaires with compact fluorescent lamps
- Offices, conference rooms
- Reception areas, foyers, corridors, elevators
- Suitable for recessed ceiling systems with grid size of 1200 x 300 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 for extended flexibility and easy installation
- Suitable for emergency lighting
- 5 years guarantee

Product features

- Suitable for central battery emergency installations acc. to EN 60598-2-22
- Push DIM function for dimming and switching directly on a pushbutton
- Extruded aluminum frame
- Polystyrene diffuser
- Lifetime (L80/B10): up to 50,000 h (at 25 °C)



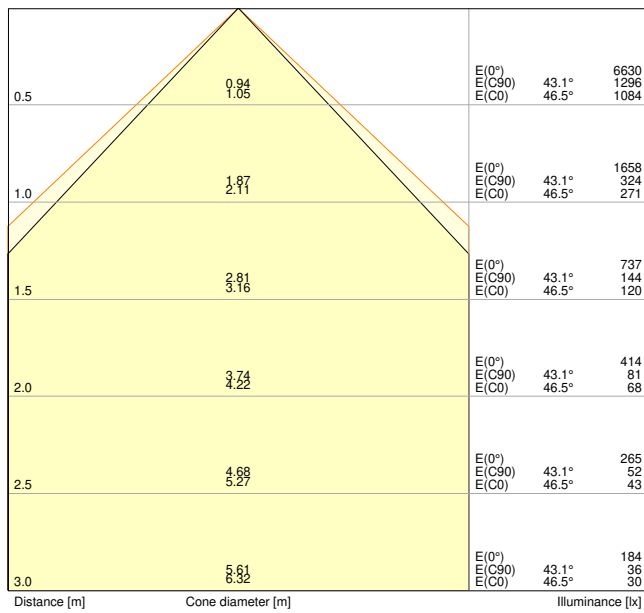
TECHNICAL DATA

Electrical data

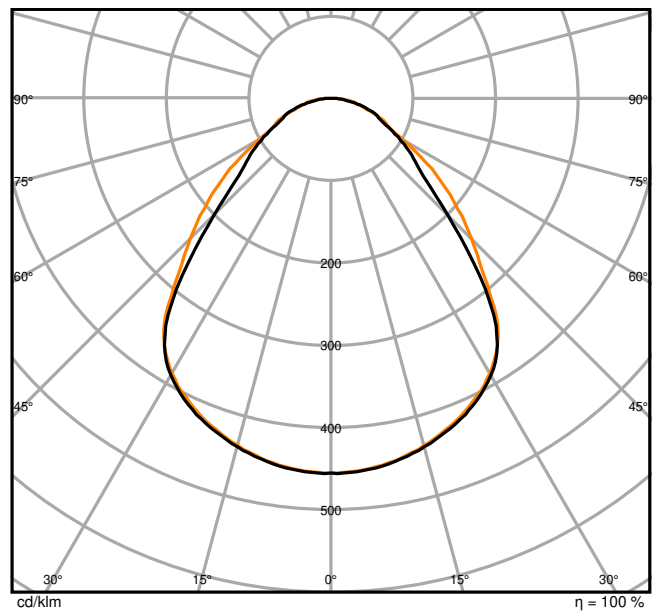
Nominal wattage	35.00 W
Nominal voltage	220...240 V
Mains frequency	0/50/60 Hz
Nominal current	190.000 mA
Inrush current	0.88 A
Inrush current time T_{h50}	51 μ s
Max. number of luminaires per miniature circuit breaker B16	80
Max. number of luminaires per miniature circuit breaker C10	50
Max. number of luminaires per miniature circuit breaker C16	80
Power factor λ	> 0.90
Total harmonic distortion	< 10 %
Protection class	II
Operating mode	External LED driver

Photometrical data

Luminous flux	3640 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 sdc _m
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



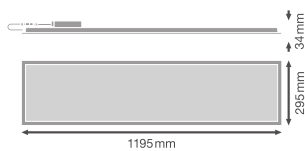
PL COMP 1200 V 35W 940 U19 DALI EM CONVERSION BOX



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Dimensions & Weight

Length	1195.00 mm
Width	295.00 mm
Height	34.00 mm
Product weight	1790.00 g



PL COMP1200 V

Materials & Colors

Product color	White
Housing color	White
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...+45 °C
Temperature range at storage	-20...+70 °C
Type of connection	Screwless terminal, 4-Pole (L,N, DA+, DA-)
Type of protection	IP40/IP20
Protection class IK (shock resistance)	IK02
Dimmable	Yes
Type of dimming	DALI2
Mounting type	Recessed/Suspended/Surface
Mounting location	Ceiling
Application environment	Indoor
Mounting length	1190 mm
Mounting width	290 mm
Mounting depth	50,0 mm
Adjustable	No
LED module replaceable	Not replaceable
With light source	Yes

Lifespan

Lifespan L70/B50 at 25 °C	70000 h ¹⁾
Lifespan L80/B10 at 25 °C	50000 h ¹⁾
Lifespan L90/B10 at 25 °C	40000 h
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	750 mA
ECG - Output ripple current	< 7 %

ECG - Length	168 mm
ECG - Width	44 mm
ECG - Height	32 mm
Recommended control gear	LEDV DR DALI-P-44/220-240/1050; Tridonic LCA 45W 500-1400mA one4all SC PRE






Emergency lighting



Wattage in emergency operation mode	5.5 W
Luminous flux in emergency operation mode	450 lm

Certificates & Standards

Standards	CE / CB / TÜV / 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
	CONNECTOR BOX 5POLE L/N/PE/D+/D- 4x	4058075473034
	EM CONVERSION BOX	4058075237025
	CONNECTOR BOX 5POLE L/N 4x	4058075473010
	PANEL 1200x300 RECESSED MOUNT FRAME	4058075472976
	PANEL RECESSED MOUNT CLIPS VAL 4x	4058075409859









Product image	Product name	EAN
	PANEL Suspension Kit	4058075402928
	PANEL 1200 X 300 SURFACE MOUNT KIT VAL	4058075472952

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 mm²

DOWNLOAD DATA

Documents and certificates	Document name
 User Instruction	UI PL COMP 1200 V
 Addon Technical Information	LISO Insert PL COMP 1200 V
 Legal information	Legal Insert PANEL COMPACT
 Legal information	EM Insert PL COMP
 Declarations of conformity	CE Declaration of Conformity PL COMP V DALI
 Declarations Of Conformity UKCA	UKCA Declaration of Conformity PL COMP V DALI
Photometric and lighting design files	Document name
 IES file (IES)	PL COMP 1200 V 35W 940 U19 DALI EM CONVERSION BOX
 LDT file (Eulumdat)	PL COMP 1200 V 35W 940 U19 DALI EM CONVERSION BOX

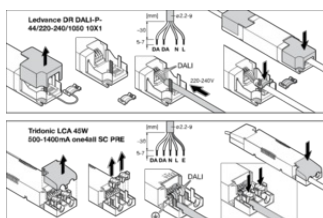
Photometric and lighting design files		Document name
	ULD file (DIALux)	PL COMP 1200 V 35W 940 U19 DALI
	ROLF file (RELUX)	PL COMP 1200 V 35W 940 U19 DALI
	UGR file (UGR table)	PL COMP 1200 V 35W 940 U19 DALI EM CONVERSION BOX
	LDC typ cone	PL COMP 1200 V 35W 940 U19 DALI EM CONVERSION BOX
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CAD/BIM files		Document name
	BIM_Revit_3D	Panel Compact
	CAD_STEP_3D	PL COMP 1200x300
Tender texts		Document name
	Tender documents	PANEL COMPACT 1200 UGR19 DALI CRI90 35W 940 U19 DALI-EN

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854017520	Folding box 1	1,249 mm x 39 mm x 304 mm	2169.00 g	14.81 dm ³
4099854017537	Shipping box 4	1,264 mm x 172 mm x 328 mm	9596.00 g	71.31 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.