

# PRODUCT DATASHEET

## PL COMP 1200 V 33W 840 DALI

PANEL COMPACT 1200 DALI | Rectangular recessed panel luminaires, for 1200 x 300 mm ceiling systems and DALI-2 technology



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### 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 1200 x 300 mm

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### Product benefits

- Low flicker light thanks to special electronic control gear
- External driver for extended flexibility and easy installation
- Suitable for emergency lighting
- 5 years guarantee

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### 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)



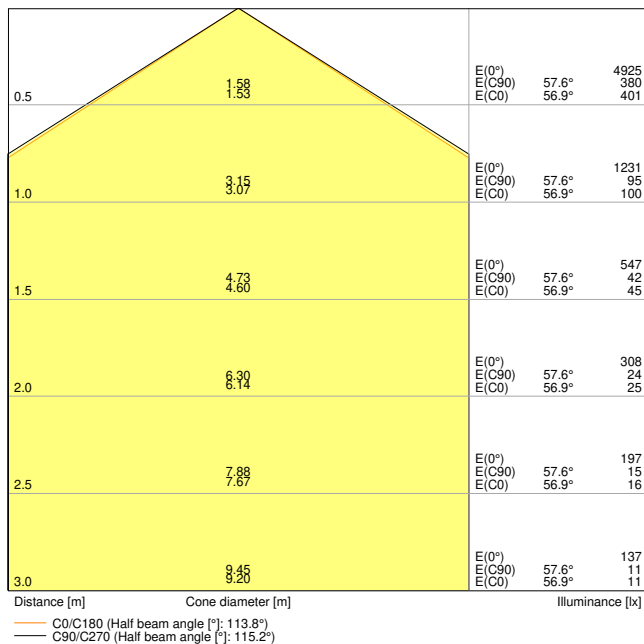
## TECHNICAL DATA

### Electrical data

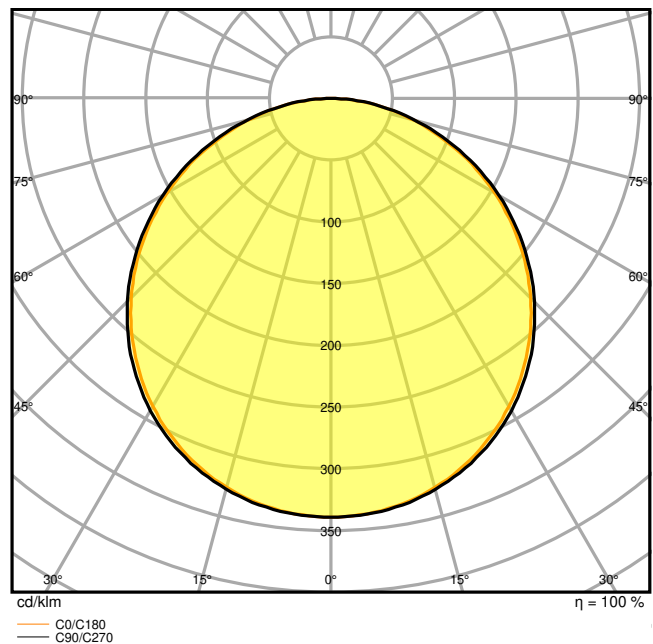
Nominal wattage	33.00 W
Nominal voltage	220...240 V
Mains frequency	0/50/60 Hz
Nominal current	190.000 mA
Inrush current	1.7 A
Inrush current time $T_{h50}$	52 $\mu$ s
Max. number of luminaires per miniature circuit breaker B16	83
Max. number of luminaires per miniature circuit breaker C10	52
Max. number of luminaires per miniature circuit breaker C16	83
Power factor $\lambda$	> 0.90
Total harmonic distortion	< 10 %
Protection class	II
Operating mode	External LED driver

### Photometrical data

Luminous flux	3630 lm
Luminous efficacy	110 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	> 80
Standard deviation of color matching	$\leq$ 5 sdc <sub>m</sub>
Low flicker	Yes
Flickering metric (Pst LM)	<1
Stroboscope effect metric (SVM)	< 0.4
Photobiological safety group acc. to EN62778	RG0
Beam angle	120 °



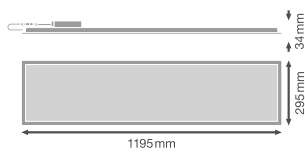
PL COMP 1200 V 33W 840 DALI EM CONVERSION BOX



PL COMP 1200 V 33W 840 DALI EM CONVERSION BOX

### Dimensions & Weight

Length	1195.00 mm
Width	295.00 mm
Height	34.00 mm
Product weight	1543.00 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 <sup>1)</sup>
Lifespan L80/B10 at 25 °C	50000 h <sup>1)</sup>
Lifespan L90/B10 at 25 °C	40000 h
Number of switching cycles	50000

<sup>1)</sup> 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	< 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 W
Luminous flux in emergency operation mode	400 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 mm<sup>2</sup>

## 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 33W 840 DALI EM CONVERSION BOX
 LDT file (Eulumdat)	PL COMP 1200 V 33W 840 DALI EM CONVERSION BOX

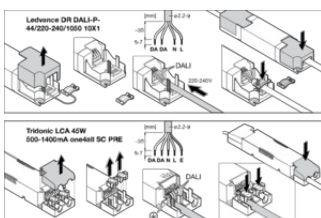
Photometric and lighting design files		Document name
	ULD file (DIALux)	PL COMP 1200 V 33W 840 DALI
	ROLF file (RELUX)	PL COMP 1200 V 33W 840 DALI
	UGR file (UGR table)	PL COMP 1200 V 33W 840 DALI EM CONVERSION BOX
	LDC typ cone	PL COMP 1200 V 33W 840 DALI EM CONVERSION BOX
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CAD/BIM files		Document name
	BIM_Revit_3D	Panel Compact
	CAD_STEP_3D	PL COMP 1200x300
Tender texts		Document name
	Tender documents	PANEL COMPACT 1200 DALI 33W 840 DALI-EN

### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854017186	Folding box 1	1,249 mm x 39 mm x 304 mm	1922.00 g	14.81 dm <sup>3</sup>
4099854017193	Shipping box 4	1,264 mm x 172 mm x 328 mm	8608.00 g	71.31 dm <sup>3</sup>

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](http://www.ledvance.com/guarantee)

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