

PRODUCT DATASHEET

PANEL INDV 625 33 W 4000K DALI

PANEL IndiviLED® 625 DALI | Square recessed luminaire with IndiviLED® optics, 625mm with DALI-2 IoT technology



GERMAN
DESIGN
AWARD
NOMINEE
2019



PERFOR-
MANCE
CLASS

Areas of application

- Direct replacement for luminaires with fluorescent lamps
- Corridors
- Offices
- Conference rooms
- Reception areas
- Foyers
- Elevators
- Suitable for recessed ceiling systems with grid size of 625 x 625 mm

Product benefits

- Suitable luminaire for VIVARES and other DALI-2 Light Management Systems
- Homogenous light distribution and reduced glare thanks to the IndiviLED® optics
- Energy savings of up to 50 % (compared to luminaires that use fluorescent lamps)
- Robust structure with IK08
- Low flicker light thanks to special electronic control gear
- 5 years guarantee

Product features

- IoT-ready luminaire with DALI-2 technology
- Each LED with individual lens and reflector for UGR < 16 and homogenous light distribution



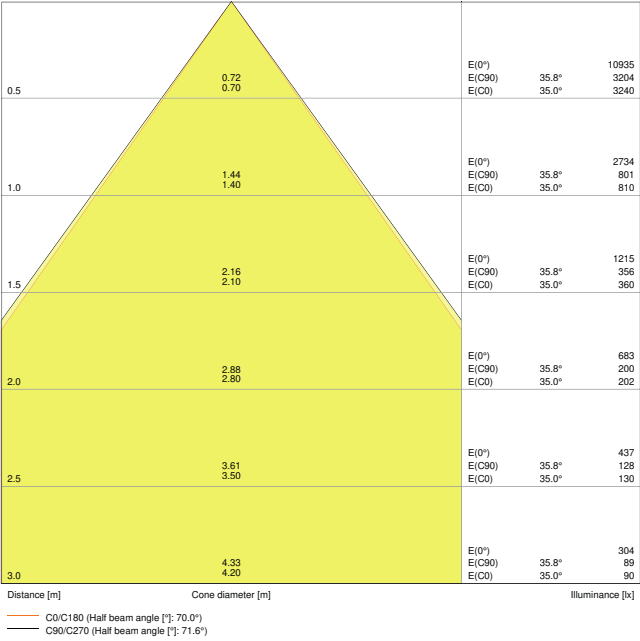
- Lifetime (L80/B50): up to 50,000 h (at 25 °C)
- Metal housing, polycarbonate (PC) lenses and reflectors
- Luminous flux: up to 4,000 lm
- Luminous efficacy: up to 120 lm/W
- Initial color consistency: 3 SDCM
- Glow Wire Test according to IEC 60695-2-12: 850 °C

TECHNICAL DATA**Electrical data**

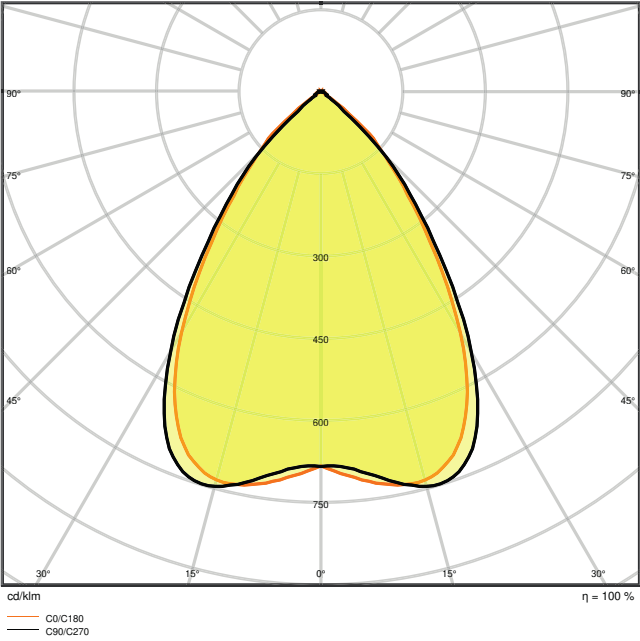
Nominal wattage	33.00 W
Nominal voltage	220...240 V
Mains frequency	0/50/60 Hz
Nominal current	180.000 mA
Max. number of luminaires per miniature circuit breaker B16	14
Max. number of luminaires per miniature circuit breaker C10	23
Max. number of luminaires per miniature circuit breaker C16	38
Power factor λ	> 0.90
Total harmonic distortion	< 20 %
Protection class	II
Operating mode	External LED driver
Dimming interface	DALI-2 / IoT

Photometrical data

Luminous flux	4000 lm
Luminous efficacy	120 lm/W
Color temperature	4000 K
Light color (designation)	Warm White
Color rendering index Ra	≥80
Standard deviation of color matching	3 sdcn
Luminous intensity	-
Low flicker	Yes
Flickering metric (Pst LM)	-
Stroboscope effect metric (SVM)	-
Photobiological safety group acc. to EN62778	RG1
Beam angle	70 °
UGR	< 16



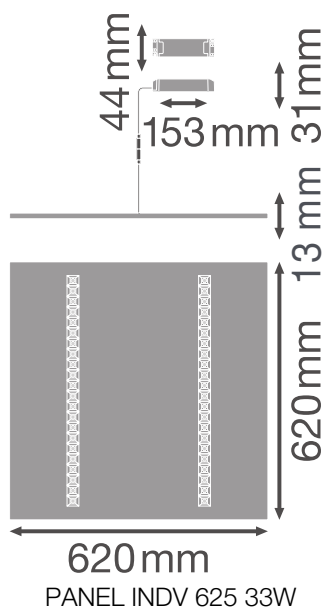
PL INDV 625 33W4000K DALI



PL INDV 625 33W4000K DALI

Dimensions & Weight

Length	620.00 mm
Width	620.00 mm
Height	13.00 mm
Product weight	3600.00 g



Materials & Colors

Product color	White
Housing color	White
Body material	Steel
Cover material	Polycarbonate (PC)
Light emitting surface material	Polycarbonate (PC)
Glow Wire Test according to IEC 60695-2-12	850 °C
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-20...+45 °C
Type of connection	Terminal, 3-Pole (L, N, PE)
Type of protection	IP40
Protection class IK (shock resistance)	IK08
Dimmable	Yes
Type of dimming	DALI
Mounting type	Surface/Recessed
Mounting location	Ceiling
Application environment	Indoor
Mounting length	600,0 mm

Mounting width	600,0 mm
Mounting depth	50,0 mm
With light source	Yes

Lifespan

Lifespan L70/B50 at 25 °C	80000 h ¹⁾
Lifespan L80/B10 at 25 °C	60000 h ¹⁾
Lifespan L80/B50 at 25 °C	60000 h
Lifespan L90/B10 at 25 °C	35000 h
Number of switching cycles	25000

¹⁾ t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

Certificates & Standards

Standards	CE / CB / ENEC / EAC
Luminaire with limited surface temperature, "D sign"	No
Replaceable light source (EPREL)	Not replaceable

Additional product data

Added function	VIVARES
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EQUIPMENT / ACCESSORIES

- Accessories for several mounting options available
- Security rope for luminaire included
- External control gear included

DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	PANEL INDIVILED DALI 600/625
	Legal information	LSI PANEL INDV EM
	Legal information	Informationstext 18 Abs 4 ElektroG
	Declarations of conformity	PL INDV 33 DALI

Photometric and lighting design files		Document name
	IES file (IES)	PL INDV 625 33W4000K DALI
	LDT file (Eulumdat)	PL INDV 625 33W4000K DALI
	ULD file (DIALux)	PL INDV 625 33W-4000K DALI
	ROLF file (RELUX)	PL INDV 625 33W-4000K
	UGR file (UGR table)	PL INDV 625 33W4000K DALI
	Light distribution curve type cone	PL INDV 625 33W4000K DALI
	Light distribution curve type polar	PL INDV 625 33W4000K DALI
CAD/BIM files		Document name
	BIM Revit 3D	PANEL Indiv
	CAD STEP 3D	PL INDV 625

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075503922	Folding box 1	668 mm x 723 mm x 38 mm	4024.00 g	18.35 dm ³
4058075503939	Shipping box 3	685 mm x 135 mm x 735 mm	12998.00 g	67.97 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.

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.