

# PRODUCT DATASHEET

## PANEL INDV 600 DALI 33 W 4000K

PANEL IndiviLED® 600 DALI | Square recessed luminaire with IndiviLED® optics, 600mm with DALI-2 IoT technology



### 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 600 x 600 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

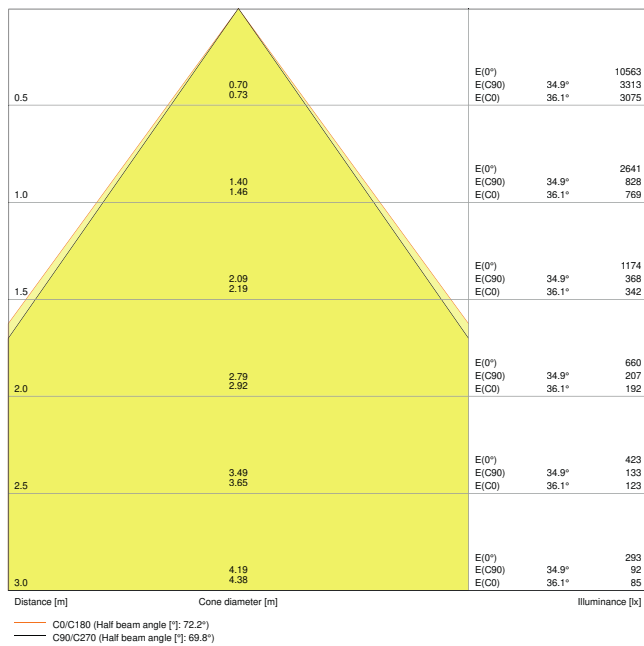
## TECHNICAL DATA

### Electrical data

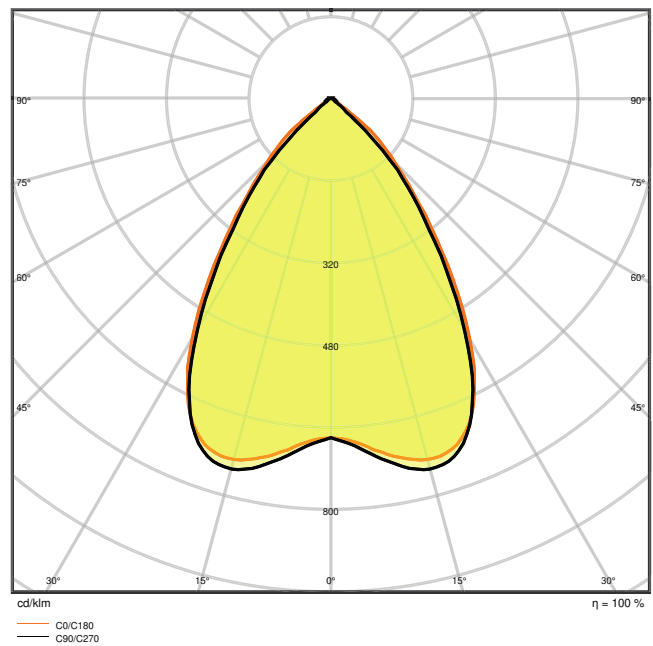
Nominal wattage	33.00 W
Nominal voltage	220...240 V
Mains frequency	0/50/60 Hz
Nominal current	180.000 mA
Inrush current	23 A
Inrush current time $T_{h50}$	200 $\mu$ s
Max. number of luminaires per miniature circuit breaker B16	14
Max. number of luminaires per miniature circuit breaker C10	23
Max. number of luminaires per miniature circuit breaker C16	38
Power factor $\lambda$	> 0.90
Total harmonic distortion	< 20 %
Protection class	II
Operating mode	External LED driver
Dimming interface	DALI

### Photometrical data

Luminous flux	4000 lm
Luminous efficacy	120 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	$\geq 80$
Standard deviation of color matching	3 sdc <sub>m</sub>
Low flicker	Yes
Photobiological safety group acc. to EN62778	RG1
Beam angle	70 °
UGR	< 16



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### Dimensions & Weight

Length	595.00 mm
Width	595.00 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	Screwless terminal, 5-Pole
Type of protection	IP40
Protection class IK (shock resistance)	IK08
Dimmable	Yes
Type of dimming	DALI
Mounting type	Recessed
Mounting location	Ceiling
Application environment	Indoor
Mounting length	575 mm

Mounting width	575 mm
Mounting depth	50,0 mm

**Lifespan**





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

<sup>1)</sup> 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 / EAC / RoHS
Ball shot safe	No
Replaceable light source (EPREL)	Not replaceable

**Accessories Optional**











Product image	Product name	EAN
	EM CONVERSION BOX	4058075237025
	PANEL RECESSED MOUNT CLIPS VAL 4x	4058075409859
	CONNECTOR BOX 5POLE L/N/PE/D+/D- 4x	4058075473034
	PANEL Suspension Kit	4058075402928

**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	UI PANEL INDIVILED DALI
	Declarations of conformity	PANEL INDV DALI
Photometric and lighting design files		Document name
	IES file (IES)	Panel Indv DALI 600 33W 4000K
	LDT file (Eulumdat)	Panel Indv DALI 600 33W 4000K
	UGR file (UGR table)	Panel Indv DALI 600 33W 4000K
	Light distribution curve type cone	Panel Indv DALI 600 33W 4000K
	Light distribution curve type polar	Panel Indv DALI 600 33W 4000K
CAD/BIM files		Document name
	BIM Revit 3D	PANEL Indiv
	CAD STEP 3D	PANEL Indiv 600
Tender texts		Document name
	Tender documents	PANEL IndiviLED 600 DALI 33 W 4000K-EN

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075201231	Folding box 1	643 mm x 688 mm x 38 mm	3993.00 g	16.81 dm <sup>3</sup>
4058075201248	Shipping box 3	660 mm x 135 mm x 710 mm	12854.00 g	63.26 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.

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## References / Links

– For Guarantee see [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)

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Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.