

# PRODUCT DATASHEET

## PL PRINT SKY1 DA 600 V 33W

PANEL PRINT SKY 600 DALI | Panel luminaires featuring a printed realistic sky image, for 600 x 600 mm ceiling systems and DALI-2 technology



### Areas of application

- Suitable for recessed ceiling systems with grid size of 600 x 600 mm
- Lounges, reception areas, foyers, corridors, elevators
- Decorative illumination

### Product benefits

- Brings natural looking sky into buildings
- Luminous ceiling creating an atmosphere that comforts people
- Available as a single panel, set of 6 and set of 9
- Other images, customized patterns and logos on request

### Product features

- Extruded aluminum frame, metal housing
- Color coated polystyrene diffuser
- UGR  $\leq 22$  with a 120° beam angle
- Lifetime (L80/B10): up to 50,000 h (at 25 °C)
- External DALI-2 driver included



## 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
Protection class	II
Operating mode	External LED driver
Dimming interface	DALI-2 / IoT

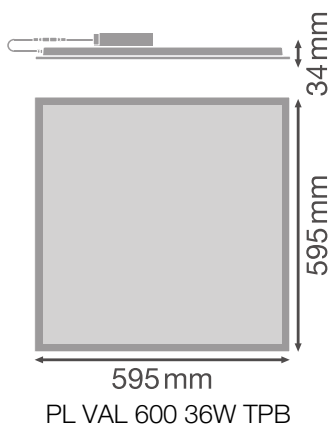
### Photometrical data

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

<sup>1)</sup> Decorative Panel: Lumen/Efficacy as well as SDCM and CRI will vary from the original Panel values based on the printed image

### Dimensions & Weight

Length	595.00 mm
Width	595.00 mm
Height	32.00 mm
Product weight	1543.00 g



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	Push connector, 2-Pole (L/N)
Type of protection	IP40/IP20
Protection class IK (shock resistance)	IK02
Dimmable	Yes
Type of dimming	DALI2
IoT ready	Support of DALI data type PART 251, 252, 253 <sup>1)</sup>
Mounting type	Recessed/Suspended/Surface
Mounting location	Ceiling
Application environment	Indoor
Mounting length	575 mm
Mounting width	575 mm
Mounting depth	50,0 mm
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	70000 h <sup>1)</sup>
Lifespan L80/B10 at 25 °C	50000 h <sup>1)</sup>
Lifespan L80/B50 at 25 °C	50000 h
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	700 mA
ECG - Output ripple current	< 7 %
ECG - Length	168 mm
ECG - Width	44 mm
ECG - Height	32 mm

### Certificates & Standards

Standards	CE / UKCA / EAC
Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	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
- Security brackets preinstalled
- External control gear included

### Safety advice

- The individual pattern can have influence on the perceived CRI, color temperature and lumen value.

## DOWNLOAD DATA

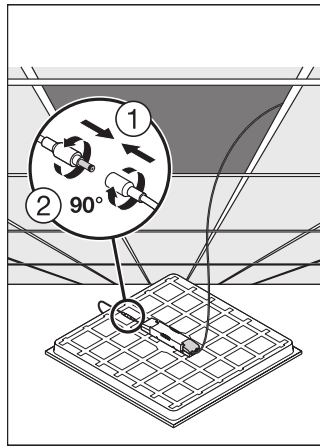
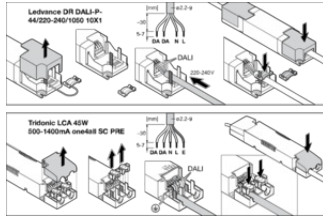
Documents and certificates		Document name
	User instruction / safety instructions	PL PRINT SKY1 DA
	Legal information	Legal Insert PANEL COMPACT
	Legal information	Informationstext 18 Abs 4 ElektroG
	Legal information	PL PRINT SKY1 DA
	Legal information	PL PRINT SKY1 DA
	Declarations of conformity	PL PRINT SKY
	Declarations of conformity UKCA	PL PRINT SKY
Tender texts		Document name
	Tender documents	PANEL PRINT SKY 600 DALI SKY1 DA 600 V 33W-en

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854534744	Folding box 1	602 mm x 37 mm x 649 mm	1911.00 g	14.46 dm <sup>3</sup>
4099854534751	Shipping box 4	664 mm x 164 mm x 628 mm	8553.00 g	68.39 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



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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.