

# PRODUCT DATASHEET

## PL PRINT SKY1 600 V 33W

PANEL PRINT SKY 600 | Panel luminaires featuring a printed realistic sky image, for 600 x 600 ceiling systems



### 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
- External driver with an optional 3-pole through-wiring feature
- Version with DALI ECG available

### Product features

- Extruded aluminum frame, metal housing
- Color coated polystyrene diffuser
- $UGR \leq 22$  with a  $120^\circ$  beam angle
- 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                                             | 50...60 Hz          |
| Nominal current                                             | 150.000 mA          |
| Inrush current                                              | 12.3 A              |
| Inrush current time $T_{h50}$                               | 52 $\mu$ s          |
| Max. number of luminaires per miniature circuit breaker B16 | 61                  |
| Max. number of luminaires per miniature circuit breaker C10 | 48                  |
| Max. number of luminaires per miniature circuit breaker C16 | 78                  |
| Power factor $\lambda$                                      | > 0.90              |
| Protection class                                            | II                  |
| Operating mode                                              | External LED driver |

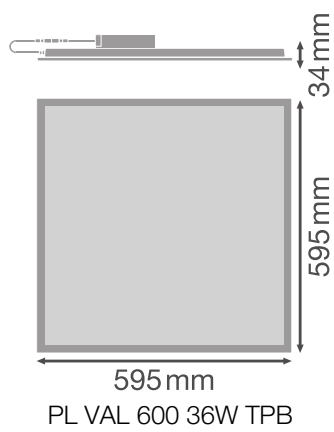
### Photometrical data

|                                              |                        |
|----------------------------------------------|------------------------|
| 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 sdcM <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                              | Aluminum         |
| 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                               | No                           |
| 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                          |

## 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                 |

<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                | 116.7 mm |
| ECG - Width                 | 49.9 mm  |
| ECG - Height                | 27 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

|                |                           |
|----------------|---------------------------|
| Product remark | Available from April 2025 |
|----------------|---------------------------|

## 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

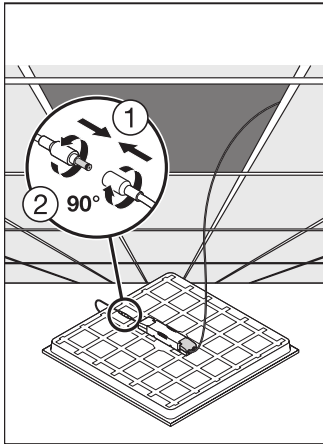
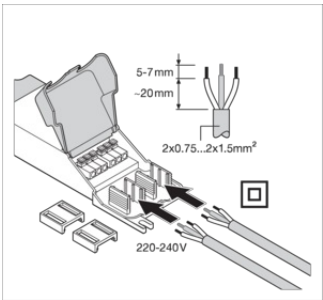
| Documents and certificates                                                        |                                        | Document name                      |
|-----------------------------------------------------------------------------------|----------------------------------------|------------------------------------|
|  | User instruction / safety instructions | PL PRINT SKY1                      |
|  | Legal information                      | Legal Insert G11146927             |
|  | Legal information                      | Informationstext 18 Abs 4 ElektroG |
|  | Legal information                      | Safety Insert G11207793            |
|  | Legal information                      | PL PRINT SKY1                      |
|  | Declarations of conformity             | PL PRINT SKY                       |
|  | Declarations of conformity UKCA        | PL PRINT SKY                       |

LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4099854535413 | Folding box<br>1             | 602 mm x 37 mm x 662 mm              | 1973.00 g    | 14.75 dm <sup>3</sup> |
| 4099854535420 | Shipping box<br>4            | 677 mm x 164 mm x 628 mm             | 8801.00 g    | 69.73 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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## DISCLAIMER

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