

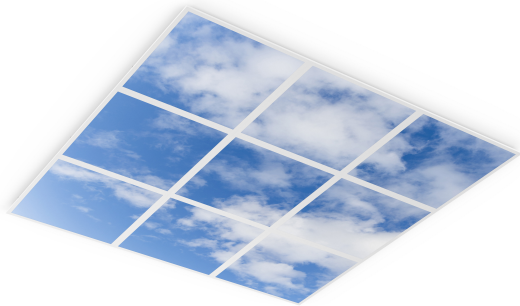


LEDVANCE

# PRODUCT DATASHEET

## PL PRINT SKY DA 600 V 33W SET9

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



VALUE  
CLASS

### 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                                             | 297 W               |
| Nominal voltage                                             | 220...240 V         |
| Mains frequency                                             | 0/50/60 Hz          |
| Nominal current                                             | 190 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

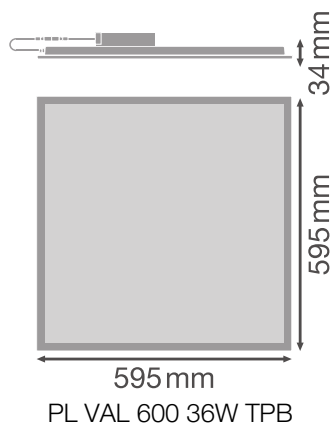
|                                              |                                    |
|----------------------------------------------|------------------------------------|
| Luminous flux                                | 32670 lm <sup>1)</sup>             |
| Luminous efficacy                            | 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 <sup>1)</sup> |
| Width          | 595 mm <sup>1)</sup>    |
| Height         | 32.00 mm                |
| Product weight | 23900.00 g              |

<sup>1)</sup> 3x595 mm



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                                                         |
| IoT ready                              | Support of DALI data type PART 251, 252, 253 <sup>1)</sup> |
| Mounting type                          | Recessed                                                   |
| Mounting location                      | Ceiling                                                    |
| 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                | 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              |

### Additional product data

|                |         |
|----------------|---------|
| Added function | VIVARES |
|----------------|---------|

### 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                      | Informationstext 18 Abs 4 ElektroG |
|    | Legal information                      | Legal Insert PANEL COMPACT         |
|    | Legal information                      | PL PRINT SKY1 DA                   |
|    | Legal information                      | PL PRINT SKY1 DA                   |
|    | Legal information                      | PL PRINT SKY DA                    |
|    | Declarations of conformity             | PL PRINT SKY                       |
|    | Declarations of conformity UKCA        | PL PRINT SKY                       |
|  | EU Data Act                            | DALI LED Driver and Luminaires     |

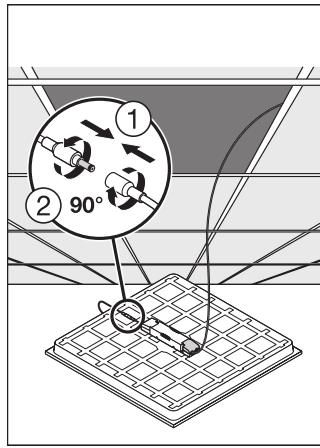
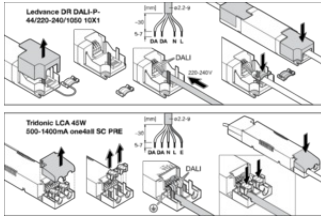
| Tender texts                                                                                        | Document name                                     |
|-----------------------------------------------------------------------------------------------------|---------------------------------------------------|
|  Tender documents | PANEL PRINT SKY 600 DALI SKY DA 600 V 33W SET9-en |

## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                 |
|---------------|------------------------------|--------------------------------------|--------------|------------------------|
| 4099854538407 | Shipping box<br>1            | 677 mm x 347 mm x 628 mm             | 25499.00 g   | 147.53 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)

## DISCLAIMER

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