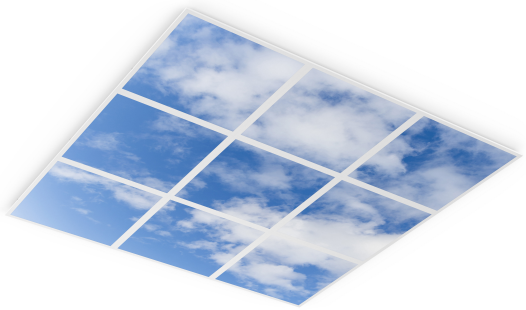
# PRODUCT DATASHEET
# PL PRINT SKY DA 625 V 26W SET9

PANEL PRINT SKY 625 DALI | Panel luminaires featuring a printed realistic sky image, for 625 x 625 mm ceiling systems and DALI-2 technology



VALUE CLASS

## Areas of application

- Suitable for recessed ceiling systems with grid size of 625 x 625 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 4, set of 6 and set of 9
- Other images, customized patterns and logos on request
- Through-wiring possible

## Product features

- Extruded aluminum frame, metal housing
- Color coated polystyrene diffuser
- UGR ≤ 22 with a 120° beam angle
- Lifetime (L80/B10): up to 75,000 h (at 25 °C)
- External DALI-2 driver included
- 5-pole terminal block, cable cross section up to 5 x 2.5 $mm^2$


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# TECHNICAL DATA

## Electrical data

| | |
|---|---|
| Nominal wattage | 234 W |
| Nominal voltage | 220…240 V |
| Mains frequency | 50/60 Hz |
| Nominal current | 120 mA |
| Inrush current | 5.32 A |
| Inrush current time $T_{h50}$ | 34 µs |
| Max. number of luminaires per miniature circuit breaker B16 | 47 |
| Max. number of luminaires per miniature circuit breaker C10 | 29 |
| Max. number of luminaires per miniature circuit breaker C16 | 47 |
| Power factor λ | 0.90 |
| Protection class | II |
| Operating mode | External LED driver |
| Dimming interface | DALI-2 / IoT |

## Photometrical data

| | |
|---|---|
| Luminous flux | 32760 lm [1)] |
| Luminous efficacy | 140 lm/W [1)] |
| Color rendering index Ra | > 80 [1)] |
| Standard deviation of color matching | < 3 sdcm [1)] |
| Low flicker | Yes |
| Flickering metric (Pst LM) | <1 |
| Stroboscope effect metric (SVM) | < 0.4 |
| Photobiological safety group acc. to EN62778 | RG0 |
| Photobiological safety group acc. to EN62471 | RG0 |
| Beam angle | 110 ° |

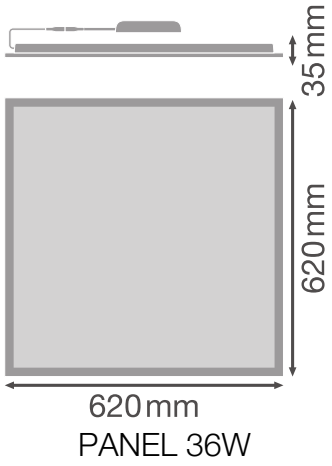
1) Decorative Panel: Lumen/Efficacy as well as SDCM and CRI will vary from the original Panel values based on the printed image

## Dimensions & Weight

| | |
|---|---|
| Length | 620 mm [1)] |
| Width | 620 mm [1)] |
| Height | 34.0 mm |
| Product weight | 22000.00 g |

1) 3x620 mm


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PANEL 36W

## Materials & Colors

| | |
|---|---|
| Product color | White |
| RAL Color (most similar) | RAL 9003 |
| 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 | Screwless terminal, 5-Pole |
| Type of protection | IP50/IP20 |
| Protection class IK (shock resistance) | IK02 |
| Dimmable | Yes |
| Dimming range | 1…100 % |
| IoT ready | Support of DALI data type PART 251, 252, 253 [1)] |
| Mounting type | Recessed |
| Mounting location | Ceiling |
| Mounting length | 600 mm |
| Mounting width | 600 mm |
| Mounting depth | 50 mm |


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| | |
|---|---|
| Mechanically 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 | 100000 h 1) |
| Lifespan L80/B10 at 25 °C | 75000 h 1) |
| Lifespan L80/B50 at 25 °C | 75000 h |
| Lifespan L90/B10 at 25 °C | 35000 h 1) |
| Number of switching cycles | 100000 |

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 |
| Output ripple current (100 Hz) | 0.05 % |
| ECG - Length | 105.00 mm |
| ECG - Width | 45.00 mm |
| ECG - Height | 25.00 mm |
| Recommended control gear | DR DALI-P-42/220-240/1A0 |

## Emergency lighting

| | |
|---|---|
| Type of emergency operation test | None |

## Certificates & Standards

| | |
|---|---|
| Standards | CE / CB / 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 brackets preinstalled
- External control gear included


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## Safety advice

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

## DOWNLOAD DATA

| | Documents and certificates | Document name |
|---|---|---|
| PDF | User instruction / safety instructions | G11282581 PANEL PRINT SKY GEN2 |
| PDF | Legal information | Safety Insert G11207793 |
| PDF | Legal information | Informationstext 18 Abs 4 ElektroG |
| PDF | Legal information | Legal Insert |
| PDF | Legal information | PL PRINT SKY DA |
| PDF | Legal information | Light Source Insert |
| PDF | Declarations of conformity | PANEL PRINT SKY GEN2 |
| PDF | Declarations of conformity UKCA | PANEL PRINT SKY GEN2 |

| | Tender texts | Document name |
|---|---|---|
| TXT | Tender documents | PANEL PRINT SKY 625 DALI SKY DA 625 V 26W SET9-en |

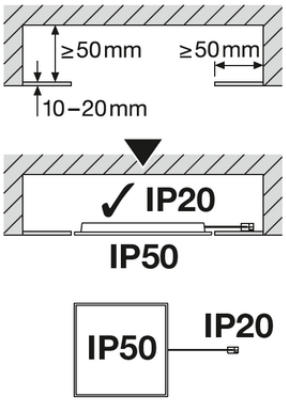
## LOGISTICAL DATA

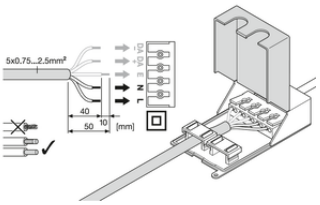
| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---|---|---|---|---|
| 4058075861992 | Shipping box<br>1 | 645 mm x 380 mm x 720 mm | 23855.00 g | 176.47 $dm^3$ |

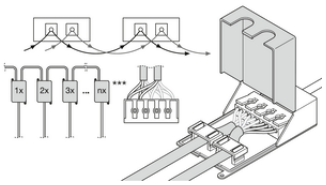
The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.


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## ADDITIONAL CATALOG INFORMATION




## References / Links

– For Guarantee see www.ledvance.com/guarantee

## DISCLAIMER

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