PRODUCT DATASHEET
PL PRINT SKY1 DA 625 V 26W

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	26.00 W
Nominal voltage	220…240 V
Mains frequency	50/60 Hz
Nominal current	120.000 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
Maximum total harmonic distortion	< 10 %
Protection class	II
Operating mode	External LED driver
Dimming interface	DALI-2 / IoT

Photometrical data

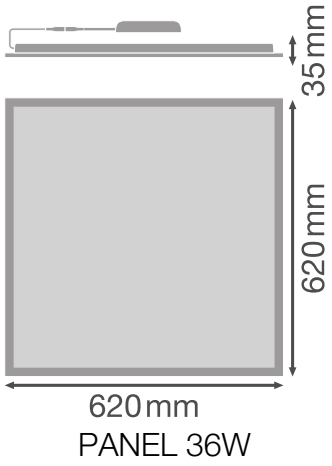
Luminous flux	3640 lm [1)]
Luminous efficacy	140 lm/W [1)]
Color rendering index Ra	> 80 [1)]
Standard deviation of color matching	< 3 sdcm [1)]
Low flicker	Yes
Flickering metric (Pst LM)	<1
Stroboscope effect metric (SVM)	< 0.4
Photobiological safety group acc. to EN62778	RG0
Photobiological safety 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	620.00 mm
Width	620.00 mm
Height	34.00 mm
Product weight	1690.00 g

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Materials & Colors

Product color	White
Housing 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
Type of dimming	DALI-2
Dimming range	1…100 %
IoT ready	Support of DALI data type PART 251, 252, 253 [1)]
Mounting type	Recessed/Suspended/Surface
Mounting location	Ceiling
Application environment	Indoor

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Mounting length	600 mm
Mounting width	600 mm
Mounting depth	50 mm
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
Replaceable light source (EPREL)	Not replaceable

Additional product data

Added function	VIVARES

Components for light control

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Components Light Control

Product image	Product name	EAN
	MANUAL CONTROL UNIT GROUP DALI-2 TW	4099854748691
	MANUAL CONTROL UNIT SELECT DALI-2	4058075837485
	MANUAL CONTROL UNIT SELECT DALI-2 TW	4058075837508
	MANUAL CONTROL UNIT SELECT DALI-2 EXCHANGEABLE COVER TW	4058075837522
	MANUAL CONTROL UNIT TOUCH DALI-2 TW	4058075837560
	MANUAL CONTROL UNIT TOUCH DALI-2	4058075837546
	PUSH CONTROL UNIT FLUSH MOUNT DALI-2 TW	4058075837584
	PUSH CONTROL UNIT FM DALI-2 DIM	4099854846922
	SURFACE MOUNT FRAME	4058075843561
	PUSHBUTTON COUPLER DALI-2	4058075837607

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Product image	Product name	EAN
	FLEX CONTROL UNIT IOT DALI-2 HCL TW	4058075841888
	FLEX CONTROL UNIT FLUSH MOUNT DALI-2 TW	4058075841901
	FLEX CONTROL UNIT DALI-2 TW	4058075843844
	FLEX CONTROL UNIT REAL-TIME-CLOCK DALI-2 HCL TW	4058075841925
	SENSOR DALI-2 LIGHT/PRESENCE-6 INFRARED CEILING INTEGRATION	4058075837621
	SENSOR CEILING MOUNTING KIT LIGHT/PRESENCE-6	4099854748714
	SENSOR DALI-2 LIGHT/PRESENCE-8 INFRARED CEILING INTEGRATION	4058075841949
	SENSOR DALI-2 LIGHT/PRESENCE-40X5 INFRARED CEILING INTEGRATION	4058075843868
	SENSOR DALI-2 LIGHT/PRESENCE-24 INFRARED CEILING MOUNTING	4058075843882
	HIGHBAY SENSOR DALI-2 LIGHT/PRESENCE -21 INFRARED CEILING MOUNTING	4058075857537
	DALI sensors -8 IR CI, -40X5 IR CI, -24 IR CM, -21 IR CM	4058075843905

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Product image	Product name	EAN
	RELAY DALI-2 RAIL MOUNTING	4099854709159
	RELAY DALI-2 CEILING MOUNTING	4099854709135
	REPEATER DALI-2 RAIL MOUNTING	4099854709111
	REPEATER DALI-2 CEILING MOUNTING	4099854709098

EQUIPMENT / ACCESSORIES

- Accessories for several mounting options available
- 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
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	Light Source Insert
PDF	Declarations of conformity	PANEL PRINT SKY GEN2
PDF	Declarations of conformity UKCA	PANEL PRINT SKY GEN2

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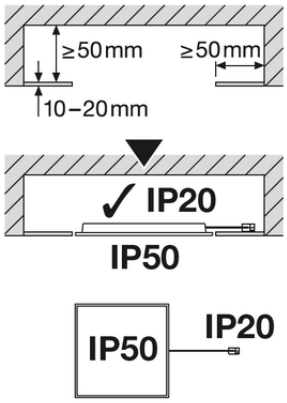
	Tender texts	Document name
	Tender documents	PANEL PRINT SKY 625 DALI SKY1 DA 625 V 26W-en

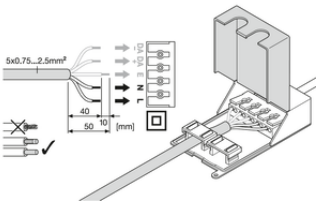
LOGISTICAL DATA

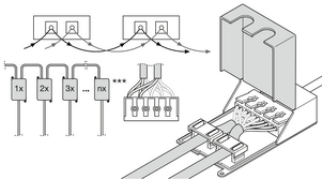
Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075861862	Folding box 1	40 mm x 627 mm x 694 mm	2103.00 g	17.41 dm^3
4058075861879	Shipping box 4	645 mm x 180 mm x 720 mm	9502.00 g	83.59 dm^3

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.

ADDITIONAL CATALOG INFORMATION







References / Links

– For Guarantee see www.ledvance.com/guarantee

DISCLAIMER

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

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