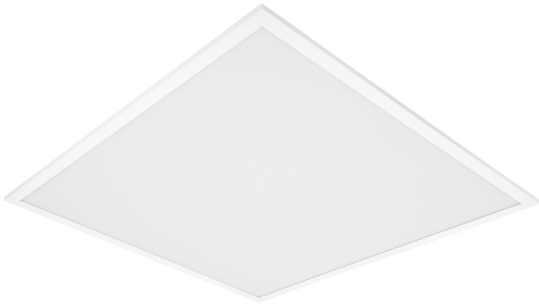


# PRODUCT DATASHEET

## BIOLUX HCL PL 625 S 41W TW DALI CSW

BIOLUX HCL PANEL DALI GEN 1 | Square recessed panel luminaire, Tunable White, DALI-2



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### Areas of application

- Direct replacement for luminaires with fluorescent lamps
- Offices, conference rooms
- Reception areas, foyers, corridors, elevators
- Available for grid size of 600 mm x 600 mm and 625 mm x 625 mm

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### Product benefits

- External DALI-2 driver for extended flexibility and easy installation
- Low flicker light thanks to special electronic control gear
- Good glare reduction (UGR < 19)
- Comfortable light and high color consistency
- 5 years guarantee

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### Product features

- Extruded aluminum frame
- Adjustable color temperature via Tunable White: 2,700...6,500 K
- Version available with pre-mounted Wago-connector (Item No: WAGO 771-8517-3. 3m) for Panel 625 CSW
- Very high color rendering index Ra: > 90

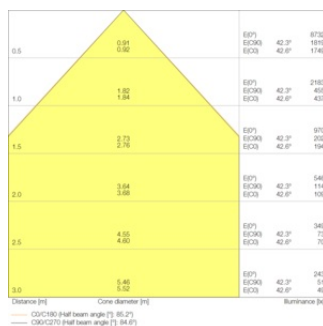
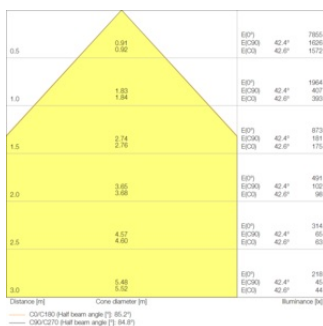
TECHNICAL DATA

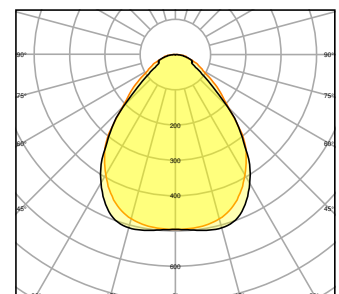
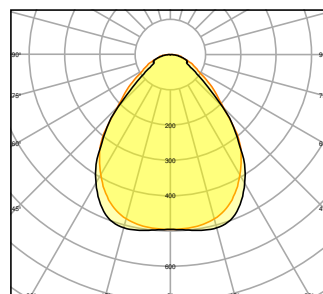
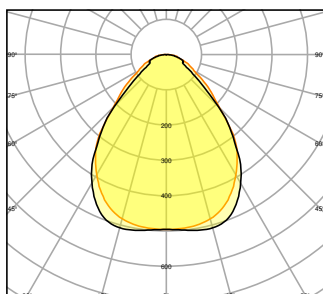
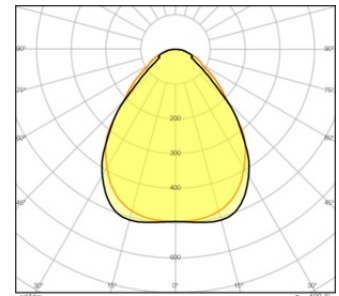
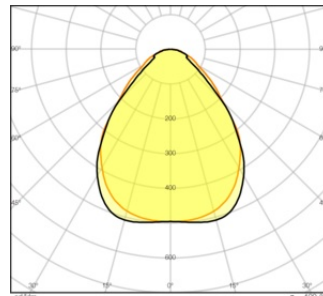
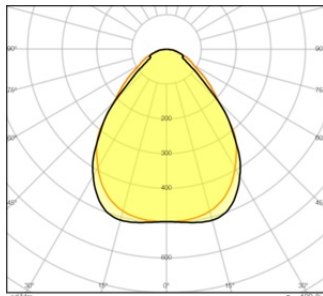
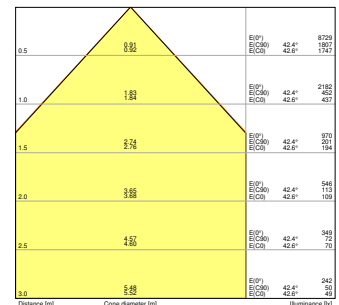
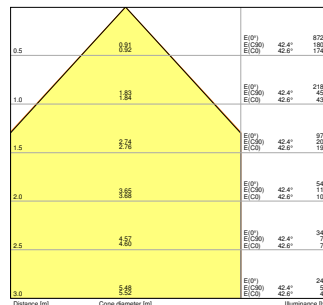
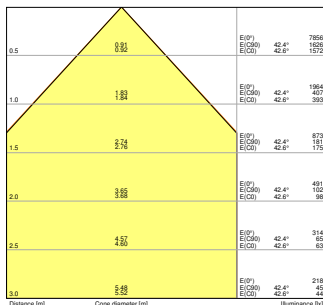
Electrical data

Nominal wattage	41.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	179 mA
Inrush current	27 A
Inrush current time $T_{H50}$	205 $\mu$ s
Max. number of luminaires per miniature circuit breaker B16	23
Max. number of luminaires per miniature circuit breaker C16	38
Power factor $\lambda$	$\geq 0.90$
Total harmonic distortion	< 20 %
Protection class	II
Operating mode	External LED driver

Photometrical data

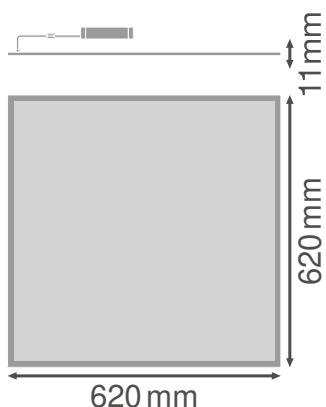
Luminous flux	4200 lm
Luminous efficacy	102 lm/W
Color temperature	2700...6500 K
Light color (designation)	Warm White / Cold White / Cool Daylight
Color rendering index Ra	> 90
Standard deviation of color matching	$\leq 3$ sdcm
Low flicker	Yes
Photobiological safety group acc. to EN62778	RG1
Beam angle	80 °
UGR	< 19





### Dimensions & Weight

Length	620.00 mm
Width	620.00 mm
Height	11.00 mm
Product weight	3380.00 g



### Materials & Colors

Product color	White
Housing color	White
Body material	Aluminum
Cover material	Polymethylmethacrylate (PMMA)
Glow Wire Test according to IEC 60695-2-12	650 °C
Mercury content	0.0 mg

### Application & Mounting

Ambient temperature range	-20...40 °C
Type of connection	Screwless terminal, 5-Pole
Type of protection	IP20
Protection class IK (shock resistance)	IK03
Dimmable	Yes
Type of dimming	DALI2
Mounting type	Recessed
Mounting location	Ceiling
Application environment	Indoor
Mounting length	600,0 mm
Mounting width	600,0 mm
Mounting depth	50,0 mm
LED module replaceable	Not replaceable
With light source	Yes

### Lifespan

Lifespan L70/B50 at 25 °C	50000 h <sup>1)</sup>
Lifespan L80/B10 at 25 °C	40000 h <sup>1)</sup>
Lifespan L90/B10 at 25 °C	25000 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

Nominal output current	600 mA
Output current	600 mA







### Certificates & Standards









Standards	CE / EAC
Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	No

### EQUIPMENT / ACCESSORIES

- Accessories for several mounting options available
- External control gear included

### DOWNLOAD DATA

Documents and certificates	
	User instruction
	Addon Technical Information
	Packaging insert
	Declarations Of Conformity CE
Photometric and lighting design files	
	IES file (IES)
	LDT file (Eulumdat)

Photometric and lighting design files	
	ULD file (DIALux)
	ROLF file (RELUX)
	UGR file (UGR table)
	LDC typ cone
	LDC typ polar
CAD/BIM files	
	BIM_Revit_3D
	CAD_STEP_3D
Tender texts	
	Tender documents

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075636972	Folding box 1	51 mm x 673 mm x 675 mm	3938.00 g	23.17 dm <sup>3</sup>
4058075636989	Shipping box 4	693 mm x 222 mm x 695 mm	16989.00 g	106.92 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.