

# LuxSpace square, recessed

### DN572B LED24S/830 PSED-E F WH

LuxSpace2 Square, LED module, system flux 2400 lm, 830 warm white, Power supply unit with DALI interface, DC compatible, external, Facetted reflector, White RAL 9003

Customers are looking to optimize all their resources, and that means not just their running costs (energy, etc.) but also their human resources. Energy savings are therefore a priority, but they must not have an adverse effect on the well-being of employees, who need a pleasant environment in order to be more productive, or on customers, who want to enjoy their shopping experience. LuxSpace provides the perfect combination of efficiency, light comfort and design, without compromising on lighting performance (color rendering and color uniformity). It offers a wide choice of options for creating the desired ambience, no matter the application.

#### **Product data**

General Information	
Lamp family code	LED24S [LED module, system flux 2400 lm]
Cap-Base	- [-]
Light source replaceable	No
Number of gear units	1 unit
Gear	-
Driver included	Yes
Remarks	*-Per Lighting Europe guidance paper
	"Evaluating performance of LED based
	luminaires - January 2018": statistically there
	is no relevant difference in lumen
	maintenance between B50 and for example

	B10. Therefore, the median useful life (B50)
	value also represents the B10 value.
Service tag	Yes
Product family code	DN572B [LuxSpace2 Square]
Lighting Technology	LED
Value ladder	Specification
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable
	surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 850 °C, duration 5 s

Datasheet, 2023, September 4 data subject to change

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EU RoHS compliant	No	Fixation material
		Housing Color
Light Technical		Optical cover finish
Luminous Flux	2,400 lm	Overall length
Correlated Color Temperature (Nom)	3000 K	Overall width
Luminous Efficacy (rated) (Nom)	114 lm/W	Overall height
Color rendering index (CRI)	>80	Dimensions (Heigh
Number of light sources	1	
Light source color	830 warm white	Approval and A
Optic type	Facetted reflector	Ingress protection
Optical cover type	-	Mech. impact prote
Luminaire light beam spread	80°	Protection class IE
Unified glare rating CEN	19	
		Initial Performa
Operating and Electrical		Luminous flux tole
Input Voltage	220 to 240 V	Initial chromaticity
Line Frequency	50 to 60 Hz	Power consumptio
Inrush current	20.4 A	
Inrush time	0.195 ms	Over Time Perfo
Power Consumption	21 W	Control gear failure
Power Factor (Fraction)	0.9	life 50000 h
Connection	Push-in connector and pull relief	Lumen maintenand
Cable	-	life* 50000 h
Number of products on MCB of 16 A type	24	
В		Application Con
		Performance ambi
Temperature		Maximum dim leve
Ambient temperature range	+10 to +25 °C	Suitable for rando
Controls and Dimming		Product Data
Controls and Dimming	W	
Dimmable	Yes	Order product nam
Driver/power unit/transformer	Power supply unit with DALI interface, DC	Full product name
	compatible, external	Full product code
Control interface	DALI	Order code
Constant light output	No	Material Nr. (12NC)
		Numerator - Quan
Mechanical and Housing		EAN/UPC - Produc
Housing Material	Aluminum die cast	Numerator - Packs
Reflector material	Polycarbonate aluminum coated	EAN/UPC - Case
Optic material	Polycarbonate	
Optical cover material	Glass	

Fixation material	Steel
Housing Color	White RAL 9003
Optical cover finish	Frosted
Overall length	214 mm
Overall width	214 mm
Overall height	119 mm
Dimensions (Height x Width x Depth)	119 x 214 x 214 mm
Approval and Application	
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class II
Initial Performance (IEC Compliant	)
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.43, 0.40) SDCM <3
Power consumption tolerance	+/-10%
Over Time Performance (IEC Comp	liant)
Over Time Performance (IEC Comp  Control gear failure rate at median usefu	
Control gear failure rate at median usefu	
Control gear failure rate at median usefulife 50000 h	1 5%
Control gear failure rate at median usefulife 50000 h  Lumen maintenance at median useful life* 50000 h	1 5%
Control gear failure rate at median usefulife 50000 h  Lumen maintenance at median useful	1 5%
Control gear failure rate at median usefulife 50000 h  Lumen maintenance at median useful life* 50000 h	1 5%
Control gear failure rate at median useful life 50000 h  Lumen maintenance at median useful life* 50000 h  Application Conditions	L90  25 °C  1%
Control gear failure rate at median useful life 50000 h  Lumen maintenance at median useful life* 50000 h  Application Conditions  Performance ambient temperature Tq	L90 25°C
Control gear failure rate at median useful life 50000 h  Lumen maintenance at median useful life* 50000 h  Application Conditions  Performance ambient temperature Tq  Maximum dim level  Suitable for random switching	L90  25 °C  1%
Control gear failure rate at median useful life 50000 h  Lumen maintenance at median useful life* 50000 h  Application Conditions  Performance ambient temperature Tq  Maximum dim level  Suitable for random switching  Product Data	L90  25°C  1%  Yes
Control gear failure rate at median useful life 50000 h  Lumen maintenance at median useful life* 50000 h  Application Conditions  Performance ambient temperature Tq  Maximum dim level  Suitable for random switching  Product Data  Order product name	L 5 %  L90  25 °C  1%  Yes  DN572B LED24S/830 PSED-E F WH
Control gear failure rate at median useful life 50000 h  Lumen maintenance at median useful life* 50000 h  Application Conditions  Performance ambient temperature Tq  Maximum dim level  Suitable for random switching  Product Data  Order product name  Full product name	25 °C 1% Yes  DN572B LED24S/830 PSED-E F WH DN572B LED24S/830 PSED-E F WH
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