



# LuxSpace, recessed

## DN570B LED40S/TWH PSD-E C WH

LuxSpace, recessed, 34.5 W, 3800 lm, DALI, Frosted

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

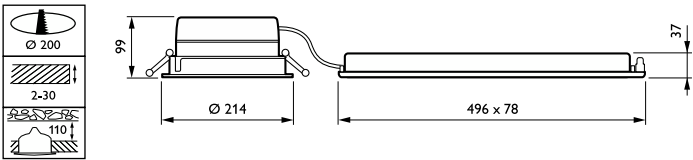
General Information		Value ladder	Specification
Lamp family code	LED38S [LED module, system flux 3800 lm]	CE mark	Yes
Cap-Base	- [-]	Warranty period	5 years
Light source replaceable	No	Flammability mark	For mounting on normally flammable surfaces
Number of gear units	1 unit	ENEC mark	ENEC mark
Gear	-	Glow-wire test	Temperature 850 °C, duration 5 s
Driver included	Yes	EU RoHS compliant	No
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.	Light Technical	
Product family code	DN570B [LUXSPACE 2 COMPACT LOW HEIGHT]	Luminous Flux	3.800 lm
Lighting Technology	LED	Luminous Efficacy (rated) (Nom)	110 lm/W
		Color rendering index (CRI)	>80
		Number of light sources	1
		Light source color	Tunable white
		Optic type	High-gloss mirror
		Luminaire light beam spread	80°

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Unified glare rating CEN	25
Operating and Electrical	
Input Voltage	220/240 V
Line Frequency	50 or 60 Hz
Inrush current	49 A
Inrush time	0.154 ms
Power Consumption	34.5 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type B	17
Temperature	
Ambient temperature range	+10 to +25 °C
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface, DC compatible, external
Control interface	DALI
Constant light output	No
Mechanical and Housing	
Housing Material	Aluminum die cast
Reflector material	Polycarbonate aluminum coated
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Steel
Housing Color	White RAL 9003
Optical cover finish	Frosted
Overall height	96.5 mm
Overall diameter	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 I
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	SDCM≤4
Power consumption tolerance	+/-10%
Over Time Performance (IEC Compliant)	
Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L90
Lumen maintenance at median useful life* 100000 h	L80
Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Yes
Product Data	
Order product name	DN570B LED40S/TWH PSD-E C WH
Full product name	DN570B LED40S/TWH PSD-E C WH
Full product code	871829194390700
Order code	94390700
Material Nr. (12NC)	910503706703
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291943907
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291943907

Dimensional drawing



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