PHILIPS Lighting



LuxSpace, recessed

DN571B LED40S/830 PSD-VLC-E C WH

LUXSPACE 2 COMPACT DEEP, LED module, system flux 4000 lm, 830 warm white, Power supply unit with DALI interface, DC compatible, external, High-gloss mirror, 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	LED40S [LED module, system flux 4000 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.	

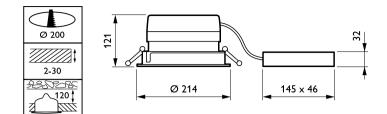
Product family code	DN571B [LUXSPACE 2 COMPACT DEEP]	
Lighting Technology	LED	
Value ladder	Specification	
CE mark	Yes	
Warranty period	5 years	
Flammability mark	For mounting on normally flammable	
	surfaces	
ENEC mark	ENEC mark	
Glow-wire test	Temperature 850 °C, duration 5 s	
EU RoHS compliant	No	
Light Technical		
Luminous Flux	4,100 lm	
Correlated Color Temperature (Nom)	3000 K	

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Luminous Efficacy (rated) (Nom)	121 lm/W	Overall height	119 mm
Color rendering index (CRI)	>80	Overall diameter	214 mm
Number of light sources	1		
Light source color	830 warm white	Approval and Application	
Optic type	High-gloss mirror	Ingress protection code	IP20 [Finger-protected]
Optical cover type	-	Mech. impact protection code	IK02 [0.2 J standard]
Luminaire light beam spread	70°	Protection class IEC	Safety class II
Unified glare rating CEN	22		
		Initial Performance (IEC Compliant)	
Operating and Electrical		Luminous flux tolerance	+/-10%
Input Voltage	220 to 240 V	Initial chromaticity	(0.43, 0.40) SDCM <3
Line Frequency	50 to 60 Hz	Power consumption tolerance	+/-10%
Inrush current	20.4 A		
Inrush time	0.195 ms	Over Time Performance (IEC Compliant)	
Power Consumption	34 W	Control gear failure rate at median useful	5 %
Power Factor (Fraction)	0.9	life 50000 h	
Connection	Push-in connector and pull relief	Lumen maintenance at median useful	L90
Cable	-	life* 50000 h	
Number of products on MCB of 16 A type	24	Lumen maintenance at median useful	L80
В		life* 100000 h	
Temperature		Application Conditions	
Ambient temperature range	+10 to +25 °C	Performance ambient temperature Tq	25 ℃
		Maximum dim level	1%
Controls and Dimming		Suitable for random switching	Yes
Dimmable	Yes		
Driver/power unit/transformer	Power supply unit with DALI interface, DC	Product Data	
	compatible, external	Order product name	DN571B LED40S/830 PSD-VLC-E C WH
Control interface	DALI	Full product name	DN571B LED40S/830 PSD-VLC-E C WH
Constant light output	No	Full product code	871829194130900
		Order code	94130900
Mechanical and Housing		Material Nr. (12NC)	910503706645
Housing Material	Aluminum die cast	Numerator - Quantity Per Pack	1
Reflector material	Polycarbonate aluminum coated	EAN/UPC - Product/Case	8718291941309
Optic material	Polycarbonate	Numerator - Packs per outer box	1
Optical cover material	Polycarbonate	EAN/UPC - Case	8718291941309
Fixation material	Steel		
Housing Color	White RAL 9003		
Optical cover finish	Frosted		

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Dimensional drawing





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