PHILIPS Lighting



GreenSpace

DN470T LED20S/830 PSED D22H16 5C6 GR

GreenSpace, 19.2 W, 2100 lm, 3000 K, DALI

Customers want to strike the ideal balance between their initial investment and the cost of the installation during its lifetime. GreenSpace is a cost-efficient and sustainable downlight that can be used to replace conventional CFL downlights in general lighting applications. It features the latest LED technology, which enables extremely low power consumption, while delivering consistent light output, stable colour performance and high colour rendering. The product's long lifetime makes it a true 'fit and forget' solution.

Product data

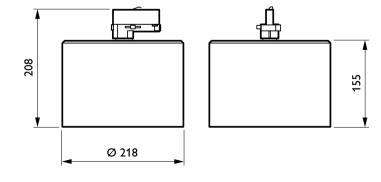
General Information		
Lamp family code	LED20S [LED Module, system flux 2000	
	lm]	
Cap base	- [-]	
Light source replaceable	No	
Number of gear units	Unit	
Driver included	Yes	
Lighting Technology	LED	
Value ladder	Specification	
CE mark	Yes	
Warranty period	5 years	
Flammability mark	For mounting on normally flammable	
	surfaces	
ENEC mark	ENEC mark	
Glow-wire test	Temperature 650 °C, duration 5 s	
EU RoHS compliant	Yes	

Light Technical	
Luminous Flux	2,100 lm
Correlated Colour Temperature	3000 K
Luminous efficacy (rated) (nom.)	110 lm/W
Colour rendering index (CRI)	>80
Light source colour	830 warm white
Optic type	-
Luminaire light beam spread	88°
Unified Glare Rating (CEN)	22
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	20.4 A
Inrush time	0.195 ms
Power Consumption	19.2 W
Power Factor (Fraction)	0.90
Connection	Connection unit 5-pole

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Cable	-	Power consumption tolerance	+/-10%
Number of products on MCB of 16 A type B	24		
		Over Time Performance (IEC Complian	nt)
Temperature		Driver failure rate at 5,000 hours	1 %
Ambient temperature range	+10 to +40 °C	Control gear failure rate at median useful life	≥ 5 %
		50,000 h	
Controls and Dimming		Lumen maintenance at median useful life*	L90
Dimmable	Yes	50,000 h	
Driver/power unit/transformer	Power supply unit with DALI interface	Lumen maintenance at median useful life*	L80
Control interface	DALI	100,000 h	
Constant light output	No		
		Application Conditions	
Mechanical and Housing		Performance ambient temperature Tq	25 ℃
Housing material	Plastic	Maximum dim level	1%
Reflector material	Aluminium and polycarbonate	Suitable for random switching	Not applicable
Optic material	-		
Optical cover/lens material	-	Product Data	
Fixation material	-	Order product name	DN470T LED20S/830 PSED D22H16 5C6
Housing Colour	Grey		GR
Optical cover/lens finish	-	Full product name	DN470T LED20S/830 PSED D22H16 5C6
Overall height	208 mm		GR
Overall diameter	218 mm	Full EOC	871869938957400
		Order code	38957400
Approval and Application		Material no. (12 NC)	912500100277
Ingress protection code	IP20 [Finger-protected]	SAP numerator - quantity per pack	1
Mech. impact protection code	IK02 [0.2 J standard]	EAN/UPC — Product/Case	8718699389574
Protection class IEC	Safety class II	Numerator – packs per outer box	1
		EAN/UPC - Case	8718699389574
Initial Performance (IEC Compliant)			
Luminous flux tolerance	+/-10%		
Initial chromaticity	(0.43, 0.40) SDCM<3		

Dimensional drawing



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