



SmartBright Slim Panel

RC091V LED36S/840 PSU W30L120 CAU

SmartBright Slim Panel, 80 lm/W, 840 neutral white

SmartBright Slim Panel provides the most affordable LED solution to replace TL troffer. Its slim design (height of luminaire only 10mm) and multiple mounting options cater various applications (including plastic ceiling). As an edge light architecture, SlimBrigth Slim Panel delivers comfortable light with Excellent uniformity.

Product data

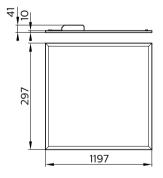
General Information		
Light source replaceable	No	
Number of gear units	1 unit	
Driver included	Yes	
Light source engine type	LED	
CE mark	CE mark	
Warranty period	3 years	
Flammability mark	-	
ENEC mark	ENEC mark	
Glow-wire test	Temperature 650 °C, duration 30 s	
EU RoHS compliant	No	
Light Technical		
Luminous Flux	3,600 lm	
Correlated Color Temperature (Nom)	4000 K	
Luminous Efficacy (rated) (Nom)	80 lm/W	
Color rendering index (CRI)	>80	

Beam angle of light source - degree(s) Light source color 840 neutral white Optic type Wide beam Optical cover type Polystyrene bowl/cover prismatic Luminaire light beam spread 120°
Optic type Wide beam Optical cover type Polystyrene bowl/cover prismatic
Optical cover type Polystyrene bowl/cover prismatic
Luminaire light beam spread 120°
Operating and Electrical
Input Voltage 220/240 V
Line Frequency 50 to 60 Hz
Inrush current 8.1 A
Inrush time 100 ms
Power Consumption 45 W
Power Factor (Fraction) 0.9
Connection Internal connector
Cable -
Number of products on MCB of 16 A type B 50

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Temperature		Mech. impact protection code	IK02 [0.2 J standard]
Ambient temperature range	-10 to +35 °C	Protection class IEC	Safety class II
Controls and Dimming		Initial Performance (IEC Complia	nt)
Dimmable	No	Luminous flux tolerance	+/-10%
Driver/power unit/transformer	-	Initial chromaticity	(0.43, 0.40) SDCM>5
Control interface	-	Power consumption tolerance	+/-10%
Constant light output	No		
		Application Conditions	
Mechanical and Housing		Maximum dim level	Not applicable
Housing Material	Metal		
Reflector material	_	Product Data	
Optic material	Polystyrene	Order product name	RC091V LED36S/840 PSU W30L120 CAU
Optical cover material	Polystyrene	Full product name	RC091V LED36S/840 PSU W30L120 CAU
Fixation material	Steel	Full product code	871016331327600
Housing Color	White	Order code	911401847597
Optical cover finish	Opal	Material Nr. (12NC)	911401847597
Overall length	297 mm	Local order code	SBSPLED36NWFRE
Overall width	1,197 mm	Numerator - Quantity Per Pack	1
Overall height	41 mm	EAN/UPC - Product/Case	8710163313276
Dimensions (Height x Width x Depth)	41 x 1197 x 297 mm	Numerator - Packs per outer box	1
		EAN/UPC - Case	8710163313276
Approval and Application			
Ingress protection code	IP20 [Finger-protected]		

Dimensional drawing





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www.lighting.philips.com 2023, April 30 - data subject to change