

# PHILIPS

## Lighting

# SmartBright Slim Panel G2

## RC091V LED36S/840 PSU W30L120 GM G2

Power supply unit external (PSU) - - - Polystyrene bowl/cover prismatic - 120°

The SmartBright Slim Panel provides the most affordable LED solution. The complete product family delivers multiple mounting types, product dimensions and lumen options. The new generation ensures both higher system efficacy and excellent lighting uniformity.

### Product data

General Information		Operating and Electrical	
Beam angle of light source	- °	ENEC mark	-
Light source colour	840 neutral white	Warranty period	3 years
Light source replaceable	No	Constant light output	No
Number of gear units	1 unit	Number of products on MCB (16 A type B)	57
Driver/power unit/transformer	PSU-E [ Power supply unit external (PSU)]	EU RoHS compliant	Yes
Driver included	Yes	Light source engine type	LED
Optic type	No [-]		
Optical cover/lens type	Polystyrene bowl/cover prismatic	Operating and Electrical	
Luminaire light beam spread	120°	Input Voltage	220 to 240 V
Control interface	-	Input frequency	50 or 60 Hz
Connection	Connection unit 2-pole	Inrush current	6.56 A
Cable	-	Inrush time	0.05 ms
Protection class IEC	Safety class II (II)	Power factor (min.)	0.9
Glow-wire test	650/30 [ Temperature 650 °C, duration 30 s]		
Flammability mark	NO [-]	Controls and Dimming	
CE mark	CE mark	Dimmable	No

# SmartBright Slim Panel G2

## Mechanical and Housing

Housing material	Aluminum extruded
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover/lens material	Polystyrene
Fixation material	-
Optical cover/lens finish	Frosted
Overall length	1197 mm
Overall width	297 mm
Overall height	31.5 mm
Colour	White

## Approval and Application

Ingress protection code	IP20 [ Finger-protected]
Mech. impact protection code	IK02 [ 0.2 J standard]

## Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	3600 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	90 lm/W
Init. Corr. Colour Temperature	4000 K
Init. Colour rendering index	>80
Initial chromaticity	(0.38, 0.38) SDCM $\leq$ 5

Initial input power	40 W
Power consumption tolerance	+/-10%

## Over Time Performance (IEC Compliant)

Median useful life L70B50	25000 h
---------------------------	---------

## Application Conditions

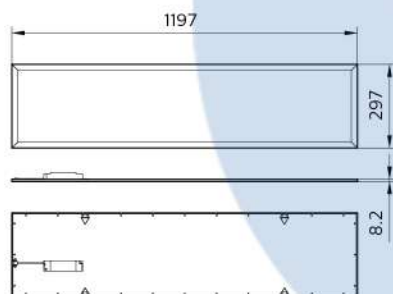
Ambient temperature range	-10 to +35 °C
Maximum dimming level	Not applicable
Suitable for random switching	No

## Product Data

Full product code	911401723832
Order product name	RC091V LED36S/840 PSU W30L120 GM G2
EAN/UPC – product	8710163324739
Order code	01723832
SAP numerator – quantity per pack	1
Numerator – packs per outer box	4
SAP material	911401723832
SAP net weight (piece)	2.300 kg



## Dimensional drawing



RC091V LED36S/840 PSU W30L120 GM G2

