PHILIPS Lighting



ArcForm

RC660B LED35S/830 PSD W60L60 MO-PC PI

ArcForm, LED module, system flux 3600 lm, 830 warm white, Power supply unit with DALI interface, MESO optic in polycarbonate cover, Plug-in connector 3-pole Wieland/Adels compatible and 2-pole control signal for light regulation

More and more customers are looking for lighting solutions that support the architecture of the building and the types of activity taking place in certain zones. A luminaire with soft light and a gentle appearance is perfect for those places where additional quality of light adds value. With the cleanly designed ArcForm, the optical system using MesoOptics technology creates soft, comfortable lighting, with a full luminous surface. The luminaire's wide beam shape means that the light distribution is uniform throughout the entire space, rather than directional. And the LED boards and optics offer significant energy savings compared to a similar conventional solution.

Product data

General Information			
Lamp family code	LED36S [LED module, system flux 3600 lm]		
Cap-Base	- [-]		
Light source replaceable	No		
Number of gear units	1 unit		
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	RC660B [ArcForm]
Lighting Technology	LED
Glow-wire test	Temperature 850 °C, duration 5 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
ENEC mark	ENEC mark
Warranty period	5 years
EU RoHS compliant	Yes

ArcForm

Light Technical	
Luminous Flux	3,500 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	117 lm/W
Color rendering index (CRI)	>80
Number of light sources	1
Light source color	830 warm white
Optic type	-
Optical cover type	MESO optic in polycarbonate cover
Luminaire light beam spread	120°
Unified glare rating CEN	Not applicable

Optical cover finish	Clear
Overall length	597 mm
Overall width	597 mm
Overall height	161 mm
Dimensions (Height x Width x Depth)	161 x 597 x 597 mm

Approval and Application	
Ingress protection code	IP40 [Wire-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	(0.43, 0.43) SDCM <3	
Power consumption tolerance	+/-10%	

Over Time Performance (IEC Compliant)	_
Control gear failure rate at median useful 5%	

life 50000 h	
Lumen maintenance at median useful	L80

life* 50000 h

App	lication	Con	ditions
, (PP)	lication		ancionis

Performance ambient temperature Tq	25 ℃
Maximum dim level	1%
Suitable for random switching	No

Product Data	
Order product name	RC660B LED35S/830 PSD W60L60 MO-PC
	PI
Full product name	RC660B LED35S/830 PSD W60L60 MO-PC
	PI
Full product code	871829127389900
Order code	910502015403
Material Nr. (12NC)	910502015403
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291273899
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291273899

Power	Consumpti	on	

Operating and Electrical

Input Voltage

Line Frequency

Inrush current

Inrush time

Power Factor (Fraction)	0.93
Connection	Plug-in connector 3-pole Wieland/Adels
	compatible and 2-pole control signal for light

regulation

+10 to +40 °C

5 A

1 ms 30 W

220 to 240 V

50 to 60 Hz

Number of products on MCB of 16 A type 20

Cable

Temperature

Ambient temperature range

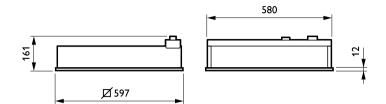
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No

Mechanical and Housing

Housing Material	Steel
Reflector material	Aluminum
Optic material	-
Optical cover material	Polycarbonate
Fixation material	-
Housing Color	White

ArcForm

Dimensional drawing





© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com 2023, October 9 - data subject to change