



# PowerBalance RC600B

## RC600B LED40S/830 POE W60L60 SL

## PowerBalance RC600B, 117.14 lm/W, 830 warm white, Power over Ethernet

When it comes to lighting an office space with LED luminaires, people are willing to invest in sustainability, but only at reasonable cost. At the same time, the system should comply with office lighting norms to ensure a comfortable working environment. PowerBalance is an attractively priced LED luminaire specially developed to meet all office requirements. It consumes significantly less energy while offering longer life of the light source, resulting in lower operational cost compared to traditional luminaires.

#### **Product data**

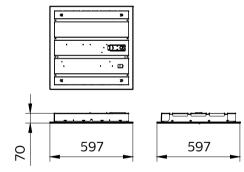
General Information	
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Service tag	Yes
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	-
CE mark	CE mark
ENEC mark	-
Warranty period	3 years
EU RoHS compliant	No
Light Technical	
Luminous Flux	4,100 lm

Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	117.14 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	- degree(s)
Light source color	830 warm white
Optic type	Beam angle 100°
Luminaire light beam spread	120°
Operating and Electrical	
Input Voltage	220/240 V
Line Frequency	50 to 60 Hz
Power Consumption	35 W
Power Factor (Fraction)	0.9
Connection	Internal connector

### PowerBalance RC600B

Cable	-	Approval and Application	
Number of products on MCB of 16 A type B -		Ingress protection code	IP20 [Finger-protected]
		Mech. impact protection code	IK02 [0.2 J standard]
<b>Femperature</b>		Protection class IEC	Safety class III
Ambient temperature range	0 to +40 °C		
		Initial Performance (IEC Complian	nt)
Controls and Dimming		Luminous flux tolerance	+/-10%
Dimmable	Yes	Initial chromaticity	SDCM<4
Control interface	Power over Ethernet	Power consumption tolerance	+/-10%
Constant light output	No		
		Application Conditions	
Mechanical and Housing		Maximum dim level	20%
Housing Material	Metal	Suitable for random switching	Yes
Reflector material	-		
Optic material	Polycarbonate	Product Data	
Optical cover material	Polycarbonate	Order product name	RC600B LED40S/830 POE W60L60 S
Fixation material	Steel	Full product name	RC600B LED40S/830 POE W60L60 S
Housing Color	White	Full product code	911401514341
Optical cover finish	Opal	Order code	911401514341
Overall length	597 mm	Material Nr. (12NC)	911401514341
Overall width	597 mm	Numerator - Quantity Per Pack	1
Overall height	69.7 mm	Numerator - Packs per outer box	2
Dimensions (Height x Width x Depth)	70 x 597 x 597 mm		

#### **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, September 4 - data subject to change