



# PowerBalance RC600B

## RC600B LED40S/840 PSD ACW W60L60 GM

PowerBalance RC600B, 160 lm/W, 840 neutral white, DALI

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	
Light source engine type	LED	
Service tag	Yes	
CE mark	CE mark	
Warranty period	3 years	
Flammability mark	-	
ENEC mark	-	
Glow-wire test	Temperature 650 °C, duration 30 s	
EU RoHS compliant	No	
Light Technical		
Luminous Flux	4,000 lm	

Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	160 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	- degree(s)
Light source color	840 neutral white
Optic type	Beam angle 100°
Optical cover type	Opal
Luminaire light beam spread	120°
Operating and Electrical	
Input Voltage	220/240 V
Line Frequency	50 to 60 Hz
Inrush current	14.7 A
Inrush time	250 ms
Power Consumption	25 W

## PowerBalance RC600B

Power Factor (Fraction)	0.9	Mech. impact p
Connection	Internal connector	Protection clas
Cable	-	
Number of products on MCB of 16 A type	<b>e B</b> 38	Initial Perfor
		Luminous flux
Temperature		Initial chromat
Ambient temperature range	0 to +40 °C	Power consum
Controls and Dimming		Over Time Pe
Dimmable	Yes	Median useful
Driver/power unit/transformer	-	
Control interface	DALI	Application (
Constant light output	No	Maximum dim
		Suitable for rai
Mechanical and Housing		
Housing Material	Metal	Product Data
Reflector material	-	Order product
Optic material	Polycarbonate	
Optical cover material	Polycarbonate	Full product na
Fixation material	Steel	
Housing Color	White	Full product co
Optical cover finish	Opal	Order code
Overall length	597 mm	Material Nr. (12
Overall width	597 mm	Numerator - Q
Overall height	69.7 mm	Numerator - Pa
Dimensions (Height x Width x Depth)	70 x 597 x 597 mm	

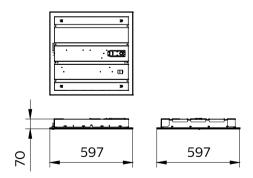
Mech. impact protection code	IK03 [0.3 J]	
Protection class IEC	Safety class I	
Initial Performance (IEC Compliant)		
Luminous flux tolerance	+/-10%	
Initial chromaticity	SDCM<4	
Power consumption tolerance	+/-10%	
Over Time Performance (IEC Compliant)		
Median useful life L70B50	50,000 hour(s)	
Application Conditions		
Maximum dim level	1%	
Suitable for random switching	Yes	
Product Data		
Order product name	RC600B LED40S/840 PSD ACW W60L60	
	GM	
Full product name	RC600B LED40S/840 PSD ACW W60L60	
	GM	
Full product code	911401899499	
Order code	01899499	
Material Nr. (12NC)	911401899499	
Numerator - Quantity Per Pack	1	
Numerator - Packs per outer box	2	

### Approval and Application

Ingress protection code

IP20 [Finger-protected]

## Dimensional drawing



PowerBalance RC600B



© 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, May 1 - data subject to change