

# Lighting

**PHILIPS** 

# PowerBalance RC600B

## RC600B LED40S/840 PSU W30L120 GM

PowerBalance RC600B, 125 lm/W, 840 neutral white

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	

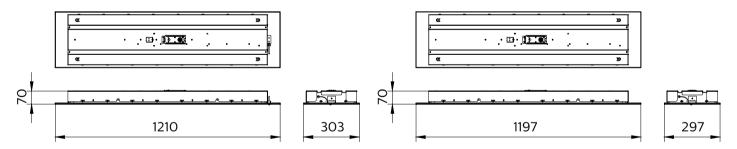
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	125 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	- degree(s)
Light source color	840 neutral white
Optic type	Beam angle 100°
Optical cover type	Opal
Luminaire light beam spread	120°
Operating and Electrical	
Input Voltage	220/240 V
Line Frequency	50 to 60 Hz
Inrush current	14 A
Inrush time	250 ms
Power Consumption	32 W

### PowerBalance RC600B

Power Factor (Fraction)	0.9	Approval and Ap
Connection	Internal connector	Ingress protection of
Cable	-	Mech. impact prote
Number of products on MCB of 16 A type B	33	Protection class IEC
Temperature		Initial Performar
Ambient temperature range	-20 to +40 °C	Luminous flux toler
		Initial chromaticity
Controls and Dimming		Power consumption
Dimmable	No	
Driver/power unit/transformer	-	Over Time Perfo
Control interface	-	Median useful life I
Constant light output	No	
		Application Con
Mechanical and Housing		Maximum dim leve
Housing Material	Metal	Suitable for random
Reflector material	-	
Optic material	Polycarbonate	Product Data
Optical cover material	Polycarbonate	Order product nam
Fixation material	Steel	Full product name
Housing Color	White	Full product code
Optical cover finish	Opal	Order code
Overall length	297 mm	Material Nr. (12NC)
Overall width	1,197 mm	Numerator - Quant
Overall height	69.7 mm	Numerator - Packs
Dimensions (Height x Width x Depth)	70 x 1197 x 297 mm	

Approval and Application		
Ingress protection code	IP20 [Finger-protected]	
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	Not applicable	
Suitable for random switching	Yes	
Product Data		
Order product name	RC600B LED40S/840 PSU W30L120 GM	
Full product name	RC600B LED40S/840 PSU W30L120 GM	
Full product code	911401898599	
Order code	911401898599	
Material Nr. (12NC)	911401898599	
Numerator - Quantity Per Pack	1	
Numerator - Packs per outer box	2	

#### Dimensional drawing



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