PHILIPS

Lighting



PowerBalance RC600B

RC600B LED40S/840 POE W60L60 SL IN

PowerBalance RC600B, 117.14 lm/W, 840 neutral 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
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	4,100 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	117.14 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

PowerBalance RC600B

Power Consumption	35 W
Power Factor (Fraction)	0.9
Connection	Internal connector
Cable	-
Number of products on MCB of 16 A type B	-

Temperature

Ambient temperature range	0 to +40 °C

Controls and Dimming

Dimmable	Yes
Control interface	Power over Ethernet
Constant light output	No

Mechanical and Housing

Housing Material	Metal
Reflector material	-
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Steel
Housing Color	White
Optical cover finish	Opal
Overall length	597 mm
Overall width	597 mm
Overall height	69.7 mm
Dimensions (Height x Width x Depth)	70 x 597 x 597 mm

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK03 [0.3 J]
Protection class IEC	Safety class III

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)

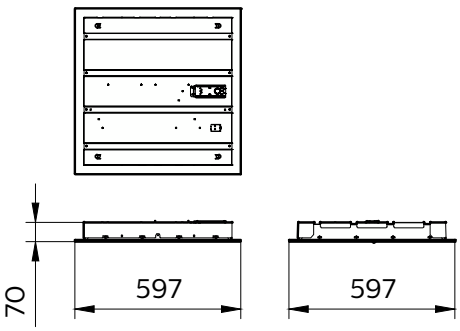
Application Conditions

Maximum dim level	20%
Suitable for random switching	Yes

Product Data

Order product name	RC600B LED40S/840 POE W60L60 SL IN
Full product name	RC600B LED40S/840 POE W60L60 SL IN
Full product code	911401516041
Order code	911401516041
Material Nr. (12NC)	911401516041
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2

Dimensional drawing



PowerBalance RC600B

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2023, May 16 - data subject to change