



# PowerBalance RC600B

## RC600B LED40S/840 POE W60L60 MA GM

Beam angle 100° - Opal - 120°

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			
Beam angle of light source	- °	CE mark	CE mark
Light source colour	840 neutral white	ENEC mark	-
Light source replaceable	No	Warranty period	3 years
Number of gear units	1 unit	Constant light output	No
Driver included	Yes	Number of products on MCB (16 A type B)	-
Optic type	100 [ Beam angle 100°]	EU RoHS compliant	No
Optical cover/lens type	O [ Opal]	Light source engine type	LED
Luminaire light beam spread	120°	<b>Operating and Electrical</b>	
Control interface	Power over Ethernet	Input Voltage	220/240 V
Connection	CI [ Internal connector]	Input frequency	50 to 60 Hz
Cable	-	Power factor (min.)	0.9
Protection class IEC	Safety class III (III)		
Glow-wire test	650/30 [ Temperature 650 °C, duration 30 s]		
Flammability mark	NO [-]		

# PowerBalance RC600B

## Controls and Dimming

Dimmable	Yes
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## Mechanical and Housing

Housing material	Metal
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Steel
Optical cover/lens finish	Opal
Overall length	597 mm
Overall width	597 mm
Overall height	69.7 mm
Colour	White

## Approval and Application

Ingress protection code	IP20 [ Finger-protected]
Mech. impact protection code	IK03 [ 0.3 J]

## Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	4100 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	117.14 lm/W
Init. Corr. Colour Temperature	4000 K

Init. Colour rendering index	>80
Initial chromaticity	SDCM<4
Initial input power	35 W
Power consumption tolerance	+/-10%

## Over Time Performance (IEC Compliant)

Median useful life L70B50	50000 h
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## Application Conditions

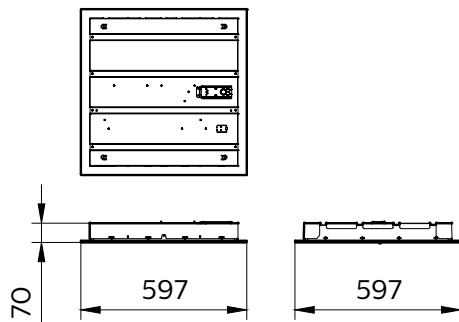
Ambient temperature range	0 to +40 °C
Maximum dimming level	20%
Suitable for random switching	Yes

## Product Data

Full product code	911401515141
Order product name	RC600B LED40S/840 POE W60L60 MA GM
Order code	01515141
SAP numerator – quantity per pack	1
Numerator – packs per outer box	2
SAP material	911401515141
SAP net weight (piece)	5.299 kg



## Dimensional drawing



RC600B/RC650B Power Balance G3/G4

