PHILIPS Lighting



PowerBalance RC360 – Perfect combination of sustainable performance and return on investment

PowerBalance RC360B

When it comes to lighting an office space with LED luminaires, people are usually willing to invest in sustainability, provided the investment pays back. At the same time, the system should comply with office lighting norms in order to ensure a comfortable working environment. PowerBalance RC360 offers the ideal combination of sustainable performance and return on investment on the one hand, and compliance with relevant office norms on the other. It reduces energy costs by more than half compared to a T5 solution, and the light source also has a longer lifetime. This results in significantly lower operating costs, ensuring a payback that meets the needs of the specification market. The architecture of PowerBalance RC360 enables a range of highly versatile modular and semi-modularluminaires. These can be easily mounted in ceilings with exposed or concealed T-bars, as well as plaster ceilings and bandraster-type ceilings.

Benefits

- \cdot Delivers substantial savings on operating costs compared to T5
- \cdot Fully compliant with relevant office norms
- \cdot Very efficient luminaire enabling up to 80% energy savings

Features

- State-of-the-art optical/LED technology
- High efficacy:115 lm/W
- UGR<19 and L65 ≤ 3000 cd/m2
- Choice of dimensions and options to suit different applications and needs
- Suitable for direct replacement of T5 luminaires

Application

- General lighting for office buildings
- General lighting for healthcare applications
- \cdot General lighting for educational applications

Warnings and Safety

- The product is IP20 and, as such, is not protected against water ingress. Therefore, we strongly recommend that the environment in which the luminaire is to be installed should be suitably checked
- If the advice above is not taken and the luminaires are subject to water ingress, Philips / Signify cannot guarantee safe failure and the product warranty will become void

Versions





IPPR_RC360Bi_0003-Product photo

IPPR RC360Bi 0005



IPPR RC360Bi 0007

Dimensional drawing



Dimensional drawing



Product details



IPDP_RC360Bi_0001-Detail photo



IPDP_RC360Bi_0003-Detail photo



IPDP_RC360Bi_0005-Detail photo



IPDP_RC360Bi_0007-Detail photo



IPDP_RC360Bi_0019-Detail photo

General InformationYesCE markYesDriver includedYesENEC markENEC markFlammability markFor mounting on normally flammable surfacesGear-Glow-wire testTemperature 650 °C, duration 30 sLamp family codeLED34SLight source replaceableNoNumber of gear unitsLunitService tagYesOptical cover typePolycarbonate bowl/coverOptical cover type200 degree(s)Optical cover type10101Strobescopic effect visibility measure ounplant1Number of light sources1Optical cover type3,400 lmMumber of light sources1Optical cover type10101Value as per EN 61000-3-3Townorther compliantFlickering value (PStLM) - Flickering value as per EN 61000-3-31Temperature Ambient temperature range+10 to +40 °CMechanical and Housing100 to 60 HzHousing ColorSafety class IMechanical and Housing100 stallHousing ColorSafety class IMechanical and Housing100 stallHousing Color1002Initial Performance (IEC Compliant)100Initial Performance (IEC Compliant)20Cover Time Performance (IEC Compliant)-3Initial chromaticity(0.38, 0.38) SDCC (-3)Light Spreaden science-4Maximum dim level3/toSuitable for random switching <t< th=""><th></th><th></th></t<>		
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		1%
Suitable for random switching		

General Information

Order Code	Full Product Name	Product family code
96453500	RC360B LED34S/930 PSD W60L60 VPC PIP	RC360B
96461000	RC360B LED34S/940 PSU W60L60 VPC PIP	RC360B
96473300	RC360B LED34S/940 PSD W60L60 VPC W	RC360B
96437500	RC360B LED34S/940 PSD W30L120 VPC W	RC360B
96446700	RC360B LED34S/930 PSD W30L120 VPC W	RC360B
96448100	RC360B LED34S/940 PSD W30L120 VPC PIP	RC360B
96454200	RC362B LED34S/940 PSD W62L62 VPC PIP	RC362B
96459700	RC362B LED34S/940 PSU W62L62 VPC PIP	RC362B
96445000	RC362B LED34S/940 PSU W31L125 VPC PIP	RC362B

Light Technical

		Correlated Color	Luminous Efficacy
Order Code	Full Product Name	Temperature (Nom)	(rated) (Nom)
96453500	RC360B LED34S/930 PSD	3000 K	121 lm/W
	W60L60 VPC PIP		
96461000	RC360B LED34S/940 PSU	4000 K	126 lm/W
	W60L60 VPC PIP		
96473300	RC360B LED34S/940 PSD	4000 K	126 lm/W
	W60L60 VPC W		
96437500	RC360B LED34S/940 PSD	4000 K	126 lm/W
	W30L120 VPC W		
96446700	RC360B LED34S/930 PSD	3000 K	121 lm/W
	W30L120 VPC W		

		Correlated Color	Luminous Efficacy
Order Code	Full Product Name	Temperature (Nom)	(rated) (Nom)
96448100	RC360B LED34S/940 PSD	4000 K	126 lm/W
	W30L120 VPC PIP		
96454200	RC362B LED34S/940 PSD	4000 K	126 lm/W
	W62L62 VPC PIP		
96459700	RC362B LED34S/940 PSU	4000 K	126 lm/W
	W62L62 VPC PIP		
96445000	RC362B LED34S/940 PSU	4000 K	126 lm/W
	W31L125 VPC PIP		

Operating and Electrical

Order Code	Full Product Name	Power Consumption
96453500	RC360B LED34S/930 PSD W60L60 VPC PIP	28 W
96461000	RC360B LED34S/940 PSU W60L60 VPC PIP	26 W
96473300	RC360B LED34S/940 PSD W60L60 VPC W	26 W
96437500	RC360B LED34S/940 PSD W30L120 VPC W	26 W
96446700	RC360B LED34S/930 PSD W30L120 VPC W	28 W

Full Product Name	Power Consumption
RC360B LED34S/940 PSD W30L120 VPC PIP	26 W
RC362B LED34S/940 PSD W62L62 VPC PIP	26 W
RC362B LED34S/940 PSU W62L62 VPC PIP	26 W
RC362B LED34S/940 PSU W31L125 VPC PIP	26 W
	RC360B LED34S/940 PSD W30L120 VPC PIP RC362B LED34S/940 PSD W62L62 VPC PIP RC362B LED34S/940 PSU W62L62 VPC PIP

Controls and Dimming

Order Code	Full Product Name	Dimmable
96453500	RC360B LED34S/930 PSD W60L60 VPC PIP	Yes
96461000	RC360B LED34S/940 PSU W60L60 VPC PIP	No
96473300	RC360B LED34S/940 PSD W60L60 VPC W	Yes
96437500	RC360B LED34S/940 PSD W30L120 VPC W	Yes
96446700	RC360B LED34S/930 PSD W30L120 VPC W	Yes

Order Code	Full Product Name	Dimmable
96448100	RC360B LED34S/940 PSD W30L120 VPC PIP	Yes
96454200	RC362B LED34S/940 PSD W62L62 VPC PIP	Yes
96459700	RC362B LED34S/940 PSU W62L62 VPC PIP	No
96445000	RC362B LED34S/940 PSU W31L125 VPC PIP	No



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