PHILIPS Lighting



PowerBalance RC360B

RC362B LED28S/830 PSD W62L62 VPC PIP

PowerBalance recessed, LED module, system flux 2800 lm, 830 warm white, Power supply unit with DALI interface, Push-in connector and pull relief

When it comes to lighting office spaces with LED luminaires, businesses are willing to invest in sustainability, provided they get a payback on their investment. At the same time, the system should comply with office lighting norms to ensure a comfortable working environment. Philips PowerBalance Gen2 is our most energyefficient, office-compliant LED luminaire. Designed for circularity and enhanced wellbeing, this office luminaire also promises future-proof connectivity. State-ofthe-art efficacy (at CRI <gt/>90), upgradability features, a long lifetime, repairability, and design for recyclability make PowerBalance Gen2 a true 'green choice'. One that also delivers significantly lower operational costs to ensure an attractive payback that meets the needs of businesses and the specification market. The Gen2 architecture in the latest PowerBalance range has enabled us to create a range of highly-versatile modular and semi-modular luminaires. These LED luminaires can be easily mounted in ceilings with an exposed T-bar or concealed T-bar, as well as plaster ceilings and bandraster-type ceilings. PowerBalance is a solution with superior lighting specifications combined with a best-in-class connectivity designed for Circularity & enhanced Wellbeing using Interact Pro - all with a sustainable approach to high-performance office lighting.

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

PowerBalance RC360B

Product data

| Lamp family codeLED285 [LED module, system flux 2800 inCap-Base- [-]Light source replaceableNoNumber of gear units1 unitGear-Driver includedYesRemarks*-Per Lighting Europe guidance paper"Evaluating performance of LED basedluminaires - January 2018": statistically the is no relevant difference in lumen maintenance between BS0 and for examp B10. Therefore, the median useful life (B50 value also represents the B10 value.Service tagYesProduct family codeRC3628 [PowerBalance recessed]Lighting TechnologyLEDValue ladderPerformanceEmbedded control-CE markYesWarranty period5 yearsFlammability markFor mounting on normally flammable surfacesENEC markENEC plus markGlow-wire testTemperature 850 °C, duration 5 sEU RoHS compliantYesLight TechnicalLLuminous Flux2.800 ImCorrelated Color Temperature (Nom)3000 KLuminous Flux2.800 ImCorrelated Color Temperature 830 varm whiteOptical cover type-Polycarbonate bowl/cover10Light sources1Light source color830 warm whiteOptical cover typePolycarbonate bowl/coverLiminaire fight sources1Light conce color830 varm whiteOptical cover typePolycarbonate bowl/coverLiminais fine0.255 ms | General Information | |
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| Cap-Base-[-]Light source replaceableNoNumber of gear units1 unitGear-Driver includedYesRemarks*-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically the is no relevant difference in lumen maintenance between BS0 and for examp B10. Therefore, the median useful life (BSC value also represents the B10 value.Service tagYesProduct family codeRC362B (PowerBalance recessed)Lighting TechnologyLEDValue ladderPerformanceEmbedded control-CE markYesWarranty period5 yearsFlammability markFor mounting on normally flammable surfacesENEC markENEC plus markClow-wire testTemperature 850 °C, duration 5 sEU RoHS compliantYesLight Technical-Luminous Flux2.800 lmCorrelated Color Temperature (Nom)3000 KLuminous Flux2.800 lmCorrelated Color Temperature 810-Optical cover typePolycarbonate bowl/coverLight sources1Light source color830 warm whiteOptical cover typePolycarbonate bowl/coverLiminale light beam spread86"Unified glare rating CEN19Operating and Electrical21AInrush time0.255 msPower Consumption23.5 WPower Factor (Fraction)0.9ConnectionPush-in connector and pull relief </th <th></th> <th>LED285 [LED modulo_curtom flux 2800 lm]</th> | | LED285 [LED modulo_curtom flux 2800 lm] |
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| Luminaire light beam spread86°Unified glare rating CEN19Operating and ElectricalInput Voltage220-240 VLine Frequency50 to 60 HzInrush current21 AInrush time0.255 msPower Consumption23.5 WPower Factor (Fraction)0.9ConnectionPush-in connector and pull relief | Optic type | - |
| Unified glare rating CEN 19 Operating and Electrical 19 Input Voltage 220-240 V Line Frequency 50 to 60 Hz Inrush current 21 A Inrush time 0.255 ms Power Consumption 23.5 W Power Factor (Fraction) 0.9 Connection Push-in connector and pull relief | Optical cover type | Polycarbonate bowl/cover |
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| Input Voltage 220-240 V Line Frequency 50 to 60 Hz Inrush current 21 A Inrush time 0.255 ms Power Consumption 23.5 W Power Factor (Fraction) 0.9 Connection Push-in connector and pull relief | Unified glare rating CEN | 19 |
| Input Voltage 220-240 V Line Frequency 50 to 60 Hz Inrush current 21 A Inrush time 0.255 ms Power Consumption 23.5 W Power Factor (Fraction) 0.9 Connection Push-in connector and pull relief | | |
| Line Frequency 50 to 60 Hz Inrush current 21 A Inrush time 0.255 ms Power Consumption 23.5 W Power Factor (Fraction) 0.9 Connection Push-in connector and pull relief | Operating and Electrical | |
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| Inrush time0.255 msPower Consumption23.5 WPower Factor (Fraction)0.9ConnectionPush-in connector and pull relief | Line Frequency | 50 to 60 Hz |
| Power Consumption 23.5 W Power Factor (Fraction) 0.9 Connection Push-in connector and pull relief | Inrush current | 21 A |
| Power Factor (Fraction) 0.9 Connection Push-in connector and pull relief | Inrush time | 0.255 ms |
| Connection Push-in connector and pull relief | Power Consumption | 23.5 W |
| · | Power Factor (Fraction) | 0.9 |
| C-M- | Connection | Push-in connector and pull relief |
| Cable - | Cable | - |

Ambient temperature range +10 to +40 °C **Controls and Dimming** Dimmable Yes Driver/power unit/transformer Power supply unit with DALI interface Control interface DALI Constant light output No Mechanical and Housing Housing Material Steel **Reflector material** Polycarbonate Optic material Optical cover material Polycarbonate Fixation material Housing Color White RAL 9003 Optical cover finish Matte Overall length 622 mm Overall width 622 mm **Overall** height 86 mm 86 x 622 x 622 mm Dimensions (Height x Width x Depth) **Approval and Application** Ingress protection code IP20 [Finger-protected] Mech. impact protection code IK02 [0.2 J standard] Protection class IEC Safety class I Initial Performance (IEC Compliant) Luminous flux tolerance +/-10% (0.43, 0.40) SDCM <3 Initial chromaticity Power consumption tolerance +/-10% Over Time Performance (IEC Compliant) Control gear failure rate at median useful 5 % life 50000 h Lumen maintenance at median useful L90 life* 50000 h Application Conditions Performance ambient temperature Tq 25 °C Maximum dim level 1% Suitable for random switching No

Number of products on MCB of 16 A type 20

в

Temperature

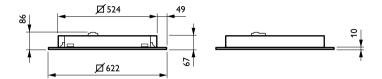
| Product Data | |
|--------------------|--------------------------------------|
| Order product name | RC362B LED28S/830 PSD W62L62 VPC PIP |
| Full product name | RC362B LED28S/830 PSD W62L62 VPC PIP |
| Full product code | 871869686931400 |

PowerBalance RC360B

| Order code | 910502036203 |
|-------------------------------|---------------|
| Material Nr. (12NC) | 910502036203 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718696869314 |

| Numerator - Packs per outer box | 1 |
|---------------------------------|---------------|
| EAN/UPC - Case | 8718696869314 |

Dimensional drawing





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