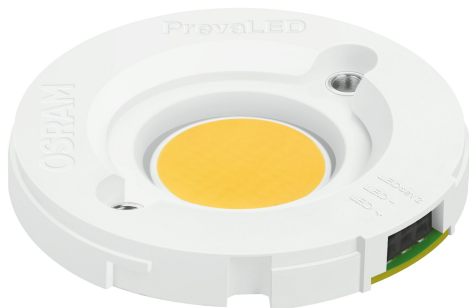


SCHEDA TECNICA DEL PRODOTTO

PL-CORE-Z5 -5000-830

PrevaLED® Core Z5 | Moduli e Light Engine Spot-, Down- e Wallmount



Aree di applicazione

- Spotlighting in shops and retail
- Down- and wall lighting in offices, corridors, meeting rooms, workplaces
- Decorative and functional lighting in hospitality, hotels, restaurants
- Functional lighting in public and commercial buildings

Vantaggi del prodotto

- Easy integration (one reflector for three different luminous flux, Zhaga conform)
- Protection against overheating via reversible thermally triggered shutdown
- Easy cooling due to optimized efficiency and high maximum operation temperature
- Easy upgrade from PrevaLED Core Z4 thanks to identical housing
- Optimized luminous efficacy compared to Z4 version
- High driver flexibility allows cost-effective and intelligent systems
- LEDset 2 (except 1,100 lm version)
- 5 year guarantee

Caratteristiche del prodotto

- Spot module with standardized interfaces
- Complete portfolio with varying luminous flux, color temperature, color rendering



- Available with color temperature: 2,700 K, 3,000 K, 3,500 K or 4,000 K
- High module efficacy: up to 146 lm/W at $T_p = 65\text{ °C}$
- Connection via spring-type terminal with stranded and solid wires
- Chip technology from OSRAM Opto Semiconductors
- CE marked and UL listed
- Reversible shutdown on module or thermal derating with OTi DALI
- Usable with SELV and DC (up to 60 V) control gears without additional insulation
- Lifetime (L80/B50): 60,000 h (temperature at $T_c = 65\text{ °C}$), except 1,100 lm version
- Lifetime (L80/B50) 1,100 lm version: 50,000 h (temperature at $T_c = 65\text{ °C}$)

DATI TECNICI

DATI ELETTRICI

Potenza nominale	42,70 W
Potenza di costruzione	42.70 W
Tipo di corrente	DC
Corrente nominale	990,000 mA

Dati fotometrici

Temperatura di colore	3000 K
Indice di resa cromatica Ra	≥80
Colore della luce (descrizione)	Bianco caldo

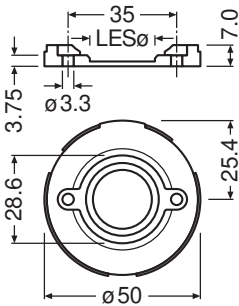
Dati illuminotecnici

Ampiezza fascio luminoso	115 °
Diametro superficie luminosa emittente	19,0 mm

LED MODULE INFORMATION

Numero di LED per modulo	1
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DIMENSIONI E PESO



Lunghezza	50,00 mm
Larghezza	50,40 mm
Larghezza (incl. Apparecchi rotondi)	50.40 mm
Altezza	7,00 mm
Altezza (incl. Apparecchi cilin.)	7.00 mm
Diametro	50,0 mm

Peso prodotto	10,5 g
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TEMPERATURE E CONDIZIONI DI FUNZIONAMENTO

Temperatura ambiente	-20...+50 °C
t° max su punto di prova Tc	90 °C
Tempo di performance conforme CEI 62717	65 °C

Durata

Durata nominale della lampada	60000 h
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CARATTERISTICHE

Dimmerabile	Sì
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CERTIFICATI, NORME E DIRETTIVE

Norme	Secondo IEC 2009/125/EC (ErP) / Secondo EN 62031 / Secondo IEC EN 62471 / Secondo VDE / UL-8750
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DATI LOGISTICI

Temperatura di stoccaggio	-20...85 °C
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Apparecchiatura / Accessori

- System matches to OPTOTRONIC OTe, OT FIT, OTi DALI control gears

INFORMAZIONI AGGIUNTIVE SUL PRODOTTO

- Installation by qualified electrician only.
- Usable with SELV and DC (up to 120 V) control gears without additional insulation.
- The LED engine needs to be built into a luminaire.
- Not suitable for operation with line voltage.
- In order to operate OSRAM LED modules safely, it is absolutely necessary to operate them with an electronically stabilized power supply that protects against short circuits, overload and overheating.
- In case other power supplies than OSRAM OPTOTRONIC are used, compliance to the necessary operating parameters (voltage, current, power) has to be ensured.
- Pay attention to polarity! Wrong polarity can cause destruction or malfunction of the module.
- Conducting paths on the circuit board must not be damaged or destroyed during installation.
- Suitable for luminaires of protection class I, grounding is mandatory to comply with safety standards.
- For optimal cooling a thermal interface material should be applied between LED module and heat sink.
- The LED module should be mounted to a heat sink with M3 screws or suitable accessories. Maximum tightening torque for mounting screws need to be observed as excessive force may damage the housing.
- Protect against splashes!
- The module, as manufactured, has no inherent protection against corrosion. It is the user's responsibility to provide suitable protection against corrosive agents, such as moisture, condensation and other harmful elements.
- Photobiological safety according to IEC 62471, risk group RG1

DOWNLOAD

Documenti e certificati		Nome del documento
	Dichiarazioni di conformità	718398_Declaration of Conformity PL-CORE-Z5
	Certificati	724371_Certificate of compliance

DATI LOGISTICI

Codice prodotto	Unità di imballo (Pezzi/unità)	Dimensioni (lunghezza x profondità x altezza)	Peso lordo	Volume
4052899322868	Disimballato 1		10.50 g	
4052899322875	Cartone di spedizione 20	380 mm x 120 mm x 60 mm	458.00 g	2.74 dm³

Il codice prodotto indicato descrive la minore quantità che può essere ordinata. Una unità di spedizione può contenere uno o più di un singolo prodotto. Quando si inserisce un ordine, per la quantità inserire una o più unità di spedizione.

Riferimenti / Collegamenti

– For more information on the multi-level guarantee and the terms and conditions of the guarantee visit www.ledvance.com/system-guarantee

DISCLAIMER

Con riserva di modifiche senza preavviso. Salvo errori o omissioni. Assicurarsi sempre di utilizzare la versione più recente.