

PRODUKT DATABLAD

LR14A -W2F-830

LINEARlight ADVANCED | Rigid LED modules for professional applications



BRUKSOMRÅDER

- Hvelving
- Hylle- og skapbelysning

PRODUKTFORDELER

- Jevnt, hvitt lys (Standard avvik for fargematching SDCM: ≤ 3)
- Moduler kan enkelt settes sammen for å danne sømløse lysstriper
- Enkelt feste takket være monteringshull
- Lave vedlikeholdskostnader takket være en levetid på inntil 50 000 t (L70/B50)

PRODUKTEGENSKAPER

- Metall-board utstyrt med 14 LEDs
- Lysfluks sammenlignbar med den i T5 lysrør (8W, 13W)
- Lysfluks: 1,400 lm/m
- Integrert SMD pluggforbindelse (han/hun) på begge sider av PCB-en
- Fargegjengivelsesindeks R_a : typ. 85
- Dimbar
- Opptil ti moduler kan driftes på en forkopling
- Kompatibel med LINEARlight POWER og ECO



TEKNISK DATA

Elektriske data

Nominell strøm	0,2 A
Konstruksjonseffekt (watt)	4,70 W
Nominell effekt	4,70 W
Sperrespenning	25 V
Strømtype	DC
Nominell spenning	24.00 V
Spenningsområde	23...25 V

Photometrical data

Fargetemperatur	3000 K
Fargegjengivelsesindeks Ra	>80
Lysfarge (betegnelse)	Warm White
Lysfarge LED	hvit
Lysstrøm	400 lm
Lysutbytte	85 lm/W

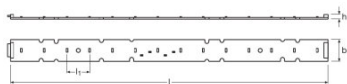
Lystekniske data

Utstrålingsvinkel	120 °
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LED module information

Antall LED per modul	14
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Mål og vekt



Produktvekt	26,00 g
Lengde	280,0 mm
Bredde	20,0 mm
Høyde	4,67 mm

Temperatures & operating conditions

Maksimum temperatur v/ tc testpunkt	65 °C
Temperaturområde i drift [PIM]	-30...65 °C ¹⁾

¹⁾ At the T_c point

Levetid

Levetid	50000 h ¹⁾
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¹⁾ L70/B90 ved Tc 65 °C

Egenskaper

Dimbar	Ja
Self-adhesive	Ja

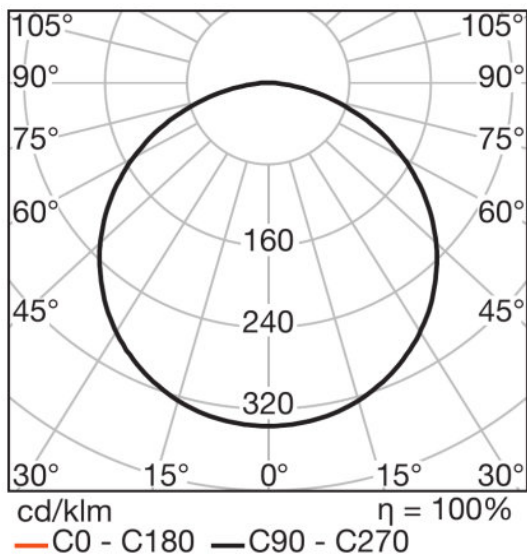
Sertifikater og standarder

Standarder	Acc. to EC 61347-2-13/Acc. to EN 55015/Acc. to IEC 61547/Acc. to IEC 61000-3-2/Acc. to ENEC 61347-2-13/Acc. to IEC/EN 62384
Beskyttelses type	IP20
Energieffektivitetsklasse	A+
Energiforbrug	6 kWh/1000h

Logistiske data

Temperaturområde ved lagring	-30...90 °C
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Lysfordeling



LDC typ polar

UTSTYR/TILBEHØR

- - CONNECTsystem LR
 - Forlængbar via valgfrit tilbehør for å lage individuelle komplette moduler

ADDITIONAL PRODUCT INFORMATION

- Installation of LED modules (with power supplies) needs to be made under consideration of all valid regulations and norms.
- Installation by qualified electrician only.
- Please see the relevant application guides and instructions sheets for more detailed safety and mounting information. Additional information is available on request.
- Complies with IEC/EN 61547
- Complies with IEC/EN 61000-3-2
- Complies with EN 55015, CISPR 15
- Complies with IEC/EN 61347-1
- Complies with IEC/EN 61347-2-13
- Suitable for usage in furnitures (DIN 57710).
- LED modules are dimmable by means of PWM (pulse width modulation). It is recommended using the following OSRAM control gears: OPTOTRONIC OT DIM, OT DALI DIM or OPTOTRONIC 24 V power supplies with integrated 1...10 V dimming interface.
- Parallel connection is mandatory for safe electrical operation. Serial connection of LED modules is strongly discouraged. Unbalanced voltage drop in serial connection can cause hazardous overload and damage the LED module.
- Electrical contact is achieved with the contact cables or the terminals of the module. Please refer to the technical data for maximum number of LED modules that can be operated on one control gear.
- 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.
- Use only coordinated LR-4PIN CONNECTsystem for electrical installation.
- Conducting paths on the circuit board must not be damaged or destroyed during installation.
- Luminaire must be cleaned regularly to avoid loss of luminous flux.
- The LED module itself and all its components must not be stressed mechanically.
- Operation in or under water is prohibited.
- 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.
- To avoid mechanical damage, the LED modules have to be attached securely to the intended mounting surface. It is recommended to avoid heavy vibration.

LAST NED DATA

Fil	
	Product Family Datasheet 338034_LINEARlight Advanced - LR14A (GB)
	Certificates 336420_CB Test Certificate DE1-49856 for LINEARlight 24 V
	Declarations of conformity 485808_EC-DoC LS_LRXXX-Linear Rigid
	Declarations of conformity 485809_EC-Man-DoC LS_LRXXX-Linear Rigid
	CAD data 340946_LINEARlight Advanced – Drawing
	Eulmdat 340908_LINEARLIGHT RIGID LR14A-W2F-830

LOGISTIKK DATA

Product kode	Produkt beskrivelse	Forpakkings enhet (stk/enhet)	Dimensjoner (lengde x bredde x høyde)	Volum	Brutto vekt
4008321978400	LR14A -W2F-830	NO: VS 8	317 mm x 265 mm x 46 mm	3.86 dm ³	330.00 g

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

ANSVARFRASKRIVELSE

Endres uten varsel. Sørg alltid for å bruke den nyeste versjonen.