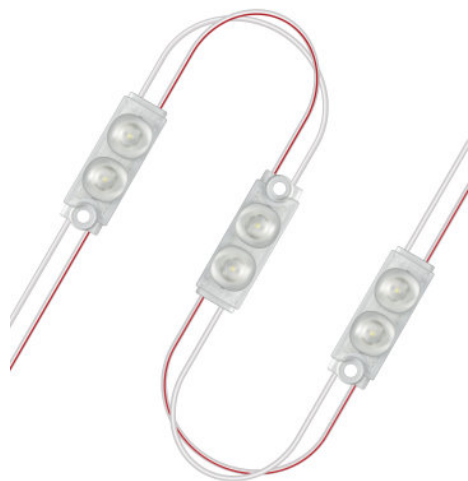


BA-M-CP-840-24-HF -G5

BackLED M CP G5 HF | LED-moduler för ljusreklam och bakgrundsbelysning



Produktegenskaper

- LED chain comprising 40 LED modules connected by flexible cables
- Each LED module contains 2 LEDs
- LED module pitch variable between 60 and ~ 200 mm
- Compatible with OSRAM OPTOTRONIC constant voltage drivers / dimmers
- Color consistency in 3 SDCM
- Patented Square Lens technology
- Wide CCT and color options available
- IP66 rating
- Lifetime (L80/B10): 50,000 h (temperature at $T_c = 70^\circ\text{C}$)
- 5-year warranty @ $T_a = 70^\circ\text{C}$

Produktfördelar

- Uniform light pattern design for 60-200 mm lightbox depth
- Backside injection technology for high protection level
- Halogen free without gas hazard
- Flammability resistance material selection fit UL-94 V0

Användningsområde

- Channel letters
- Signage boxes
- Luminous areas and ceilings



Tekniska data

Elektriska data

Nominell märkspänning	240 V
Nominell wattstyrka per kedja	2400 W
Nominell wattstyrka per LED-modul	0.6 W
Accidental reverse input voltage protection up to	25 V
Inspänningsområde	23.4...24.9 V
Strömtyp	Direkt ström (DC)

Fotometrisk data

Färgtemperatur	4000 K
Färgåtergivningindex Ra	80
Ljusfärg LED	Neutral white
Ljusflöde per modulkedja	3200 lm
Ljusflöde per LED-modul	80 lm
Ljusutbyte	133 lm/W
SDCM Standardavvikelse färgmatchning	≤3 sdc
Luminous flux per chain at Ta 25 °C	3200 lm

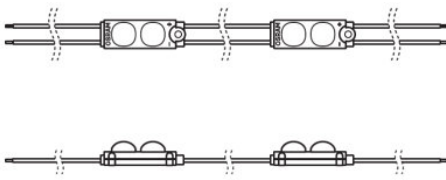
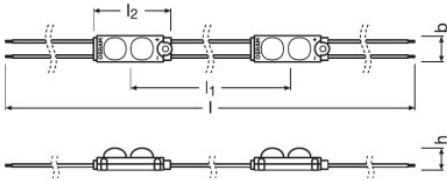
Ljustekniska värden

Spridningsvinkel	155 °
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LED-modulinformation

Antal LED per modul	2
Antal LED-moduler per kedja	40
Minsta antal manövrerade LED-moduler	1

Mått



Produktdatablad

Längd	82000 mm
Bredd	122 mm
Höjd	1030 mm
produktvikt	22500 g

Temperaturer och driftsförhållanden

Temperaturområde vid Tc punkten	-25...70 °C
Förvaringstemperatur	-20...85 °C

Livslängder

Livslängd	50000 h ¹⁾
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¹⁾ L80/B10 at Tc 70°C

Tillägg produktdata

Produkt anmärkning	Modules perfectly matched to OSRAM OPTOTRONIC LED drivers (see relevant table)/För aktuella fotometriska data och viktig säkerhets, installations och tillämpningsinformation, se www.osram.com/led-systems/ .Mot bakgrund av den komplicerade tillverkningsprocessen för lysdioder, de typiska värden som anges ovan för LED tekniska parametrar är bara statistiska värden som inte nödvändigtvis motsvarar den faktiska tekniska parametrarna för en enskild produkt, enskilda produkter kan variera från de typiska värdena
ID of contained light source [AGGR]	LS_SHZ_601003

Användningsområden

Ljusreglerbar	Ja
Ljusregleringsområde	1...100 %

Certifikat och Standarder

Energiförbrukning	24 kWh/1000h
Skyddstyp	IP66
Standarder	Acc. to EN 62471:2008/Acc. to EN 62031/ENEC/CE/UL
Godkännandemärkning	CE / cURus / BIS / ENEC 25 / UKCA
Energy efficiency class of the contained light source	E

Logistikdata

Statistiskt varunummer	85395100000
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Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	31-03-2023
Primary Article Identifier	4052899627925
Candidate List Substance 1	No declarable substances contained
Declaration No. in SCIP database	No declarable substances contained

Databladstext

- The expected lifetime may be reduced or the LED modules may be destroyed if the maximum operating and storage temperature ratings are exceeded;
- The temperature of the LED modules must be measured at the Tc-point in accordance with EN 60598-1 in a thermally constant status with a temperature sensor or a temperature-sensitive label must be available. For the exact location of the Tc-point see User Instructions of the product;

Download

Dokument	
	User instruction BackLED CP G5 User Instruction 20210730
	Product Datasheet product datasheet BackLED M CP 24V G5
	Broschyrer Technical application guide BackLED and BoxLED portfolio (EN)
	Certifikat ENEC of BackLED CP G5
	Certifikat UL certificate of Compliance BackLED CP G5
	CAD-data 3-dim 3D drawing of BackLED CP 24V G5 MHOHFS
	IES data IES file of BA M CP 840 24 G5

Ecodesign regulation information:

- This product is considered to be a "containing product" in the sense of Regulations (EU) 2019/2020 and (EU) 2019/2015.
- Tolerances of the reported values, are according to LED Modules Performance standard IEC/EN 62717.
- In general, the replacement of the contained light sources without permanent damage to the product with the use of common available tools is possible in the final application when they can be dismantled from the installation environment and substituted for the necessary number of light sources restoring its full electrical/mechanical/thermal/optical functionality by means of a professional installer. In the contrary, and limited to the LINEARlight Flex Diffuse, LINEARlight Rigid Finesse, GINO LED Flex Diffuse and LUMINENT Milky product families, the contained light source is an integrated part of the containing product and its removal can only be done by causing a permanent damage to the containing product due to its tight mechanical, electrical, optical, thermal interaction and/or environmental protection with or from the containing product. Therefore, a replacement of the light source with the use of common available tools is not justified.
- Dismantling of light sources from containing products at end of life: Containing products with light sources which are scalable in length can be cut to the length of the contained light source and if applicable mechanically detached from protective and/or optical covers. Containing products shall be separated from building material and/or from other additional mounting accessories by means of a professional installer. Separate control gear and light sources must be disposed of at certified disposal companies in accordance with Directive 2012/19/EU (WEEE) in the EU and with Waste Electrical and Electronic Equipment (WEEE) Regulations 2013 in the UK. For this purpose, collection points for recycling centres and take-back systems (CRSO) are available from retailers or private disposal companies, which accept separate control gear and light sources free of charge. In this way, raw materials are conserved and materials are recycled.

Logistiska data

Produktnummer	Produktbeskrivning	Förpackningsenhet (Styck/Enhet)	Dimensioner (längd x bredd x höjd)	Volym	Bruttovikt
4052899627925	BA-M-CP-840-24-HF -G5	Transportförpackning 30	355 mm x 255 mm x 240 mm	21.73 dm ³	7490.00 g

Produktkoden gäller minsta tillåtna beställningskvantitet. En transportförpackning kan innehålla en eller flera produkter. Vid orderläggning, vänligen ange en eller flera transportförpackningar.

Valfria tillbehör

Produktbeskrivning	Tillbehörets namn	Tillbehörets kod
BA-M-CP-840-24-HF -G5	BA -MP-SM-G5-2M	▶ 4052899629196
BA-M-CP-840-24-HF -G5	BA -CLIP-SM-G5	▶ 4052899629349

Friskrivningsklausul

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.