

LF3000 -G3-830-03 L1

LINEARlight FLEX High Power IP00 | LED-moduler för professionella och industriella applikationer



Produktegenskaper

- Flexibel klippbar LED list

Produktfördelar

- Color uniformity better than 2 SDCM on the entire LED strip and between strips
- Stort urval av ljusfärger
- Enkel montering på många släta ytor tack vare självhäftande tejp på baksidan

Användningsområde

- Valvbelysning
- Tak integration



Tekniska data

Elektriska data

Nominell märkspänning	24,0 V
Strömtyp	Direkt ström (DC)
Nominell wattstyrka per meter	23,7 W
Märkeffekt	71,10 W
Inspänningsområde	23...25 V
Accidental reverse input voltage protection up to	25 V

Fotometrisk data

Färgåtergivningsindex Ra	>80
Ljusflöde per meter	3000 lm
Totalt användbart ljusflöde	9000 lm
Ljusutbyte	127 lm/W
SDCM Standardavvikelse färgmatchning	≤3 sdcn
Ljuskfärg (angiven)	3000 K
Färgtemperatur	3000 K

Ljustekniska värden

LED pitch	14.29 mm
Spridningsvinkel	120 °
Uppstartstid	< 0,5 s
Uppvärmningstid (60 %)	< 0,50 s

LED-modulinformation

Antal LED per meter	70
Antal LED per minsta enhet	7

Mått



Längd	3000,0 mm
Längd – minsta enheten	100,0 mm
Kabellängd	500,0
produktvikt	46,00 g
Ledningsarea ingångsida	0.51 mm ²
Bredd	8,00 mm
Höjd	1,40 mm

Temperaturer och driftsförhållanden

Temperaturbetende enl. IEC 62717	55 °C
Temperaturområde vid Tc punkten	-20...90 °C ¹⁾
Omgivningstemperaturområde	-20...+50 °C ²⁾
Förvaringstemperatur	-40...80 °C

¹⁾ Exceeding the maximum ratings will reduce expected life time or destroy the LED strip.

²⁾ Rated ambient temp. 25°C/Providing that temperature at Tc point is below max value during operation/Temperature ramping for environmental testing acc. to IEC 62717, 1K/min

Livslängder

Beräknad livslängd	60000 h
Nominell livslängd	60000 h
Ljusnedgångsfaktor	0,70
Antal tändcykler	15000

Tillägg produktdata

Produkten ersätts av EAN	4062172143097
ID of contained light source [AGGR]	LS_TRV_218022

Användningsområden

Produktdatablad

Lowest bending radius	20 mm
Self-adhesive	Ja
With connection set	Nej
With end piece	Nej

Certifikat och Standarder

Standarder	CE; ENEC 10 VDE/EAC/UL Recognized component according UL 8750
Skyddstyp	IP00
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	07-07-2023
Primary Article Identifier	4062172263771
Candidate List Substance 1	Lead
CAS No. of substance 1	7439-92-1
Safe Use Instruction	The identification of the Candidate List substance is sufficient to allow safe use of the article.
Declaration No. in SCIP database	51919ec2-4652-482d-bb28-49f00b13100b

Teknisk utrustning

- Förenklad anslutning med matchande tillvals CONNECTsystem
- Snabb installation med valfri SLIM TRACK System
- Perfekt anpassade till OPTOTRONIC 24 V elektroniskt förkopplingsdon

Databladstext

- not relevant
- not relevant
- not relevant
- Avoid installations in rural and urban areas with high industrial activity and heavy traffic (higher than class than 4C1 according IEC 60721-3) and as well as installation in spa, areas with chlorine atmosphere, direct exposure to blown sand.

Download

Dokument

Produktdatablad

	User instruction LINEARlight FLEX POWER
	Product Datasheet LINEARlight Flex Power Specification Sheet
	Broschyrer Light is freedom of design (EN)
	Certifikat EAC Certificate
	Certifikat UL Certificate
	Certifikat ENEC10_VDE Certificate
	Certifikat CB TEST CERTIFICATE DE1-57844
	Konformitetsdeklaration LF HP G3 CE 4160937 280623
	Konformitetsdeklaration LF HP G3 CE 3420012 03 071119
	Konformitetsdeklaration EU Declaration of conformity
	Konformitetsdeklaration Manufacturer declaration
	Eulumdat LF3000-G3-830-03 L1 V2 LDT 28032022
	IES data LF3000-G3-830-03 L1 V2 IES 28032022

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
4062172263771	LF3000 -G3-830-03 L1	Transportförpackning 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1301.00 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
LF3000 -G3-830-03 L1	CONN-FLEX -2P-050 KIT 10PCS	▶ 4062172179591
LF3000 -G3-830-03 L1	CONN-FLEX -2P-200 KIT 10PCS	▶ 4062172179614
LF3000 -G3-830-03 L1	CORNER-FLEX -4P-003 KIT 10PCS	▶ 4062172179638
LF3000 -G3-830-03 L1	CORNER-FLEX -4P-015 KIT 10PCS	▶ 4062172179676
LF3000 -G3-830-03 L1	LTS-SLIMTRACK -2000 KIT 5 PCS	▶ 4062172207300
LF3000 -G3-830-03 L1	FX-QMS-G1 -TU15H6-300	▶ 4052899448865
LF3000 -G3-830-03 L1	FX-QMS-G1 -TU15H6W3-300	▶ 4052899448889
LF3000 -G3-830-03 L1	FX-QMS-G1 -TU16H12W3-300	▶ 4052899448988
LF3000 -G3-830-03 L1	FX-QMS-G1 -TU16H12-300	▶ 4052899448964
LF3000 -G3-830-03 L1	FX -SC08-G2-CT4PJ	▶ 4052899464858

Produktdatablad

LF3000 -G3-830-03 L1	FX-QMS-G1 -TU16H12LS-300	▶ 4052899449046
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Friskrivningsklausul

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