

LFP800S -G5-947-10 L1

LINEARlight FLEX Uniformity Protect | LED moduly pro profesionální a průmyslové aplikace



Výhody produktu

- Color uniformity better than 2 SDCM on the entire LED strip and between strips
- Light stability over time typically 1 SDCM, tested acc. to IEC 62717 @ 6,000 h
- LED lifetime acc.to IES LM-80 and IES TM-21 standards, and also internal OSRAM LAB tests
- Reliable photometric parameters according to IES LM-79, EN13032-4 and CIE S 025
- Accurate description of the color rendition of the light source acc. to IES TM-30-15
- Excellent robustness: single reel manufacturing technology (no solder joints on strip)
- Vibration-resistant for stationary installations acc. to IEC60068-2-6 and IEC60068-2-64
- Flicker and stroboscopic effect-free acc. to IEC TR 61547-1 and IEC TR 63158
- Tested by accredited Product Qualification Lab. ISO9001, ISO 17025, ACCREDIA, VDE
- Snadná montáž na mnoho hladkých povrchů pomocí samolepicí pásky na zadní straně



Technické údaje

Parametry

Jmenovité napětí	24,0 V
Proudové zatížení	stejnoseměrný proud (DC)
Jmenovitý příkon na metr	7,5 W
Jmenovitý příkon	75,00 W
Rozsah vstupního napětí	23...25 V
Accidental reverse input voltage protection up to	25 V

Fotometrické údaje

Barva světla LED	bílá
Index podání barev Ra	90
Světelný tok na metr	840 lm
Celkový užitečný světelný tok	8400 lm
Světelná účinnost	112 lm/W
Standardní odchylka sladění barev	≤3 sdc _m
Barva světla (označení)	4700 K
Teplota chromatičnosti	4700 K

Světelně-technické údaje

LED pitch	7.14 mm
Vyzařovací úhel	120 °
Doba startu	0,0 s
Doba zahřívání (60 %)	0,00 s

Informace o LED modulech

Počet čísla na metr	140
Počet LED v nejmenší jednotce	7

Rozměry & váha



Délka	10000,0 mm
Délka nejmenší jednotky	50,0 mm
Šířka	11,1 mm
Výška	4,50 mm
Dálka vodiče	500,0
Váha výrobku	638,00 g
Průřez kabelu, vstupní strana	0,5 mm ²

Barvy & materiály

Výrobní materiál obalu	Silicone
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Teploty a provozní podmínky

Provozní tepl. podle IEC 62717	30 °C
Provozní rozsah teplot	-30...80 °C ¹⁾
Rozsah okolní teploty	-30...+50 °C ²⁾
Skladujte při teplotách od... do	-40...85 °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

Životnost

Měřená životnost	60000 h
Jmenovitá životnost	60000 h
Pokles sv. toku na konci prům. živ.	0,70
Počet spínacích cyklů	15000

Další údaje o produktu

ID of contained light source [AGGR]	LS_TRV_285973
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Vlastnosti

Stmívatelnost	Ano
Lowest bending radius	50 mm
Self-adhesive	Ano
With connection set	Ne
With end piece	Ne

Certifikáty & standardy

Spotřeba energie	83 kWh/1000h
Standardy	CE/UL/ENEC/EAC
Druh ochrany	IP68/IP65
Energy efficiency class of the contained light source	F

Logistická data

Zkratka produktu	85395100000
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Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (RECh)	
Date of Declaration	13-03-2023
Primary Article Identifier	4062172303699
Declaration No. in SCIP database	In work

Stažení dat

Soubor	
	User instruction LINEARlight FLEX Protect Uniformity LFP800S-G5 LFP1200S-G5 LFP2000S-G5
	Product Datasheet LINEARlight FLEX Protect Uniformity L1 Specification Sheet (EN)
	Brochures Light is freedom of design (EN)
	Certificates LF(P)-Uniformity CB 181120
	Certificates VDE ENEC CERTIFICATE 40052516 160823
	Eulumdat LFP800S-G5-947-10 C_ldt
	IES data LFP800S-G5-947-10 C_IES

Technický list výrobku

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.

Logistické údaje

Kód výrobku	Popis výrobku	Jednotka balení (kusy/jednotku)	Rozměry (délka x šířka x výška)	Objem	Hrubá hmotnost
4062172303699	LFP800S -G5-947-10 L1	Shipping carton box 8	365 mm x 286 mm x 366 mm	38.21 dm ³	9322.00 g

Zmíněný produktový kód udává nejmenší jednotku množství, kterou lze objednat. Jednotka balení může obsahovat jeden nebo více samostatných produktů. Při objednávání zadávejte jednotky balení nebo násobky jednotek balení.

možné příslušenství

Popis výrobku	název příslušenství	kód příslušenství
LFP800S -G5-947-10 L1	LF-CLIP -FIXTURE PROTECT	▶ 4008321644749
LFP800S -G5-947-10 L1	ENDCAP -IP67 KIT 10PCS	▶ 4062172176552
LFP800S -G5-947-10 L1	JUMPER -FLEX-IP67-2P KIT 5PCS	▶ 4062172176576
LFP800S -G5-947-10 L1	CONN-FLEX -IP67-2P KIT 5PCS	▶ 4062172176590
LFP800S -G5-947-10 L1	LTS-SLIMTRACK -2000 KIT 5 PCS	▶ 4062172207300
LFP800S -G5-947-10 L1	CONN-FLEX -IP67-2P-300 KIT 5PCS	▶ 4062172230162
LFP800S -G5-947-10 L1	FX-QMS-G1 -T45D19H19-300	▶ 4052899448667
LFP800S -G5-947-10 L1	FX-QMW-G1 -TK30D46H27-300	▶ 4052899448827
LFP800S -G5-947-10 L1	FX-QMS-G1 -TU15H6-300	▶ 4052899448865
LFP800S -G5-947-10 L1	FX-QMS-G1 -TU15H6W3-300	▶ 4052899448889

Technický list výrobku

LFP800S -G5-947-10 L1	FX-QMS-G1 -TU16H12W3-300	▶ 4052899448988
LFP800S -G5-947-10 L1	FX-QMS-G1 -TR19H16-300	▶ 4052899449008
LFP800S -G5-947-10 L1	FX-QMS-G1 -TU16H12-300	▶ 4052899448964
LFP800S -G5-947-10 L1	FX-DCS -G1-GL-25	▶ 4052899452244
LFP800S -G5-947-10 L1	FX-QMS-G1 -TU16H12LS-300	▶ 4052899449046

Vyloučení odpovědnosti

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