

LF700RGBW -G1-830-06 discontinued

LINEARlight Colormix Flex - discontinued | Flexible colored / color change LED modules



Technical data

Electrical data

Nominal wattage per meter - RGB	2.8 / 2.6 / 1.1 W ¹⁾
Nominal wattage per meter - White	3.3 W
Nominal wattage per meter	9.8 W
Type of current	DC
Accidental reverse input voltage protection up to	25 V
Nominal wattage	58.80 W
Nominal voltage	24.0 V
Nominal current	2.5 A
Input voltage range	23...25 V

¹⁾ R/G/B

Photometrical data

Luminous flux per meter - RGB	297 lm
Luminous flux per meter - White	400 lm
Luminous flux per meter	697 lm
Light color (designation)	RGBW
Luminous efficacy	121 lm/W
Light color LED	RGB, white

Light technical data

Beam angle	120 °
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LED module information

Number of LEDs per smallest unit	12
Number of LEDs per module	480

Dimensions & weight



Length	6000 mm
Length – smallest unit	150.0 mm
Width	10.0 mm
Height	1.4 mm
Product weight	116.00 g

Temperatures & operating conditions

Temperature range in operation at Tc point	-20...+85 °C ¹⁾
Temperature range at storage	-40...+85 °C

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

Lifespan

Lifespan	60000 h
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Additional product data

Product remark	Modules perfectly matched to OSRAM OPTOTRONIC LED drivers (see relevant table)/For current photometric data and important safety, installation and application information (see www.osram.com/led-systems)/All the technical parameters apply to the entire module. In view of the complex manufacturing process for light emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values/Full single bin on white and each color/With RGB wavelengths: R/G/B 622/534/485 nm
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Capabilities

Dimmable	Yes
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Product datasheet

Certificates & standards

Standards	CE; ENEC 10 VDE/EAC/UL Recognized component according UL 8750
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Logistical data

Commodity code	940540399000
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Download Data

File	
	User instruction LINEARlight Flex
	Product Datasheet LINEARlight FLEX Colormix RGBW Specification Sheet (EN)
	Brochures Light is freedom of design (EN)
	Certificates EAC Certificate
	Certificates ENEC10_VDE Certificate
	Certificates UL Certificate
	Certificates CB TEST CERTIFICATE DE1-59711
	Declarations of conformity Declaration of Conformity
	Declarations of conformity Manufacturers Declaration of Conformity
	Eulumdat Eulumdat LF700RGBW-G1-830-06
	Eulumdat Eulumdat LF700RGBW-G1-8xx-06 Blue
	Eulumdat Eulumdat LF700RGBW-G1-8xx-06 Green
	Eulumdat Eulumdat LF700RGBW-G1-8xx-06 Red
	IES data IES data LF700RGBW-G1-830-06
	IES data IES data LF700RGBW-G1-8xx-06 Blue
	IES data IES data LF700RGBW-G1-8xx-06 Green
	IES data IES data LF700RGBW-G1-8xx-06 Red

Product datasheet

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899525306	LF700RGBW -G1-830-06 discontinued	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	2045.00 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.

Disclaimer

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