

The trusted value of OSRAM Digital Systems continues with Inventronics Global – where experience meets innovation.

LFB1000-G1 -830-30S-BK-05 L2

LINEARlight Flex BACKBONE 3D



Product family features

- Slim, modular LED fixture for linear applications
- Several optics, Wall Grazing and WallWashing
- Outdoor IP67
- Color uniformity ≤ 3 SDCM
- Lifetime up to 50,000
- 2700 / 3000 / 4000 K
- Dimmable by OPTOTRONIC LED driver

Product family benefits

- Available in 4.88 m length
- Long-time functionality and maintenance-free
- High color fidelity to beautify every design
- Color consistent with LINEARlight FLEX products



Specifications are subject to changes without notice.

www.inventronicsglobal.com

© 2025, Inventronics GmbH. All rights reserved. Inventronics is a licensee of the OSRAM brand. OSRAM is a trademark of ams OSRAM

support@inventronicsglobal.com

Areas of application

- Wall Grazing
- Ambient lighting
- Wall washing
- Cove lighting
- Architectural integration

Technical data

Electrical data

Nominal voltage	24.0 V
Type of current	DC
Nominal wattage per meter	11.9 W
Rated wattage	58.00 W
Input voltage range	23...25 V
Accidental reverse input voltage protection up to	25 V

Photometrical data

Color rendering index Ra	80
Luminous flux per meter	1118 lm
Luminous efficacy	94 lm/W
Color Temperature	3000

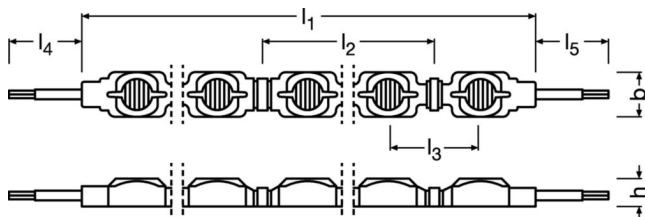
Light technical data

LED pitch	38.0 mm
Beam angle	120 °

LED module information

Number of LEDs per meter	26
Number of LEDs per smallest unit	8

Dimensions & weight



Length	4877 mm
Length – smallest unit	304 mm
Width	21.5 mm
Height	12 mm
Product weight	860.00 g
Cable cross-section, input side	0.5 mm ²

Colors & materials

Cover material	Plastic
----------------	---------

Temperatures & operating conditions

Temperature range in operation at T _c point	-20...70 °C ¹⁾
Ambient temperature range	-20...+50 °C
Temperature range at storage	-30...70 °C

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

Lifespan

Rated lamp life time	60000 h
----------------------	---------

Capabilities

Lowest bending radius	175 mm
Self-adhesive	No
With connection set	No

Certificates & standards

Standards	CE / UKCA
Type of protection	IP65 / IP67

Logistical data

Commodity code	85395100000
----------------	-------------

Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	27-08-2025
Primary Article Identifier	4062172345194 6937186131249
Declaration No. in SCIP database	In work
SCIP_STATUS	In work
SCIP_ID	

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.

Download Data

File		
IES data	Compressed	▶ LFB1000-G1-830-30S-BK-05 L2 IES 220425
Product Datasheet	PDF	▶ LINEARlight FLEX BackBone Spec Sheet
Eulumdat	Compressed	▶ LFB1000-G1-830-30S-BK-05 L2 LDT 220425
CAD data	Compressed	▶ LFB1000 G1 STEP 230123
User instruction	PDF	▶ LINEARlight FLEX Backbone LFB1000 G1

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4062172345194 OSRAM	LFB1000-G1 -830-30S- BK-05 L2	Shipping carton box 10 Pieces	410 x 410 x 480 mm	80.69 dm ³	1475.00 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.