

# GFDS600-G1 830-05

### GINOLED FLEX Diffuse Side |



#### Product family features

- 3 SDCM, CRI80
- Large selection of lighting color temperatures
- 110° viewing angle per module
- Up to 50,000 h lifetime @ tc max
- Dimmable with PWM technology

### Product family benefits

- Cut to length each 41.7 mm
- 10x10 mm super slim design, fit for embedded applications
- Diffuse version, side emitting, high light uniformity without spot or dark area
- IP67 protection for truly outdoor application

### Areas of application

- Outdoor and indoor contour lighting
- Signage
- Cove lighting
- Decorative lighting
- Architectural lighting
- Accent lighting



#### Technical data

### **Electrical data**

Nominal wattage per meter	9.0 W
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#### Photometrical data

Color temperature	3000 K
Color rendering index Ra	80
Light color (designation)	3000 K
Standard deviation of color matching	≤3 sdcm
Luminous flux per meter	620 lm
Total useful luminous flux	3100 lm

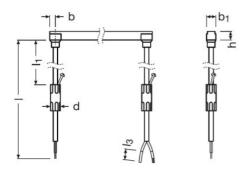
# Light technical data

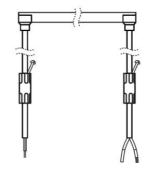
Beam angle	110 °
Starting time	00 s
LED pitch	6.95 mm
Warm-up time (60 %)	000 s

### **LED** module information

Number of LEDs per smallest unit	6
Number of LEDs per meter	144

# **Dimensions & weight**







Product weight	65000 g
Length – smallest unit	41.7 mm
Length	5000 mm
Width	110 mm
Height	105 mm

# Product datasheet

### Colors & materials

Body material	Silicone
Cover material	Silicone

# Temperatures & operating conditions

Ambient temperature range	-40+55 °C
Performance temp. acc. to IEC 62717	RG0

# Lifespan

Number of switching cycles	15000
Rated lamp life time	50000 h
Lumen main.fact.at end of nom.life time	070
Nominal lamp life time	50000 h

# **Capabilities**

Lowest bending radius	100 mm
With end piece	No
With connection set	Yes
Control interface	-
Detection angle (Light sensor)	-
Detection angle (PIR)	-

### **Certificates & standards**

Type of protection	IP67
Energy consumption	50 kWh/1000h

# Logistical data

Commodity code	85395100000

### **Environmental information**

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)			
Date of Declaration	27-06-2022		
Primary Article Identifier	4062172194983		
Candidate List Substance 1	No declarable substances contained		
Declaration No. in SCIP database	No declarable substances contained		

#### Product datasheet

#### Download Data

	File
Z	User instruction GinoLED Diffuse White Flex
太	Declarations of conformity GFD SW TW CE 4283939 180823
<b>大</b>	Declarations of conformity GINOLED FD TW UK CE 4237513 040221

#### 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.

#### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4062172194983	GFDS600-G1 830-05	Shipping carton box	475 mm x 360 mm x 145 mm	24.80 dm <sup>3</sup>	4530.00 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.

#### **Accessories Optional**

Product description Accessory name Accessory	ssory code
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# Product datasheet

GFDS600-G1 830-05	FX-GFDM-G1 TT-14H14-20	<b>4</b> 062172207577
GFDS600-G1 830-05	FX-GFDM-G1 TT-11H14-1000	<b>4</b> 062172208079
GFDS600-G1 830-05	FX-GFDS11-G1 C2PF-IP20-02-300	<b>4</b> 062172208918
GFDS600-G1 830-05	FX-GFDS11-G1 C2PF-IP20-01-300	<b>4</b> 062172208895
GFDS600-G1 830-05	FX-GFD11-G1 IP20-ENDCAP	<b>4</b> 062172208932
GFDS600-G1 830-05	FX-GFD12-G1 IP65-ENDCAP	<b>4</b> 062172208833

#### Disclaimer

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