

GINOLED FLEX Diffuse Tunable White Top



Características del producto

- Available for 2500 K to 5700 K CCT adjustable
- 3 SDCM, CRI90
- Up to IP67 protection for outdoor application
- 120° viewing angle per module
- Up to 60,000 hrs lifetime @ tc max

Beneficios del producto

- Slim design, fit for embedded applications
- Diffuse version, top emitting, high light uniformity without spot or dark area
- Different lengths to meet customer requirements

Áreas de aplicación

- Hospitalidad
- Señalización
- Iluminación de arquitectura
- Integración en pared



Datos técnicos

Datos eléctricos

Descripción del producto	Tensión nominal	Tipo de corriente	Nivel de potencia nominal por metro	Potencia nominal	Margen de voltaje	Accidental reverse input voltage protection up to
GFDT800TWPLUS-G1- 92557-07 L1	24,0 V	corriente continua (CC)	12,5 W	88,00 W	23...25 V	25 V
GFDT800TWPLUS-G1- 92557-07 L2	24,0 V	corriente continua (CC)	12,5 W	88,00 W	23...25 V	25 V
GFDT800TWPLUS-G1- 92557-01 L1	24,0 V	corriente continua (CC)	12,5 W	12,00 W	23...25 V	25 V
GFDS800TWPLUS-G1- 92557-07 L1	24,0 V	corriente continua (CC)	14,1 W	99,00 W	23...25 V	25 V
GFDS800TWPLUS-G1- 92557-07 L2	24,0 V	corriente continua (CC)	14,1 W	99,00 W	23...25 V	25 V
GFDS800TWPLUS-G1- 92557-01 L1	24,0 V	corriente continua (CC)	14,1 W	13,50 W	23...25 V	25 V
GFDS400TW-G1-82757- -01	24,0 V	corriente continua (CC)	12,0 W	6,00 W	23...25 V	25 V
GFDS400TW-G1-82757- -05	24,0 V	corriente continua (CC)	12,0 W	27,00 W	23...25 V	25 V

Datos Fotométricos

Descripción del producto	Tono de luz LED	Temperatura de color	Índice de reproducción cromática Ra	Flujo luminoso por metro	Flujo luminoso total útil	Eficacia luminosa	Desviación estándar de ajuste de color
GFDT800TWPLUS-G1- 92557-07 L1	Dynamic White	3465 K	90	832 lm	5875 lm	67 lm/W	≤3,5 sdc
GFDT800TWPLUS-G1- 92557-07 L2	Dynamic White	3465 K	90	832 lm	5875 lm	67 lm/W	≤3,5 sdc
GFDT800TWPLUS-G1- 92557-01 L1	Dynamic White	3465 K	90	832 lm	799 lm	67 lm/W	≤3,5 sdc
GFDS800TWPLUS-G1- 92557-07 L1	Dynamic White	3465 K	90	832 lm	5875 lm	59 lm/W	≤3,5 sdc
GFDS800TWPLUS-G1- 92557-07 L2	Dynamic White	3465 K	90	832 lm	5875 lm	59 lm/W	≤3,5 sdc
GFDS800TWPLUS-G1- 92557-01 L1	Dynamic White	3465 K	90	832 lm	799 lm	59 lm/W	≤3,5 sdc
GFDS400TW-G1-82757- -01	Tunable White	2700 K	80	820 lm	820 lm	67 lm/W	≤3 sdc
GFDS400TW-G1-82757- -05	Tunable White	2700 K	80	820 lm	4100 lm	67 lm/W	≤3 sdc
Descripción del producto	Tono de luz (denominación)						
GFDT800TWPLUS-G1- 92557-07 L1	2500..5700 K						
GFDT800TWPLUS-G1- 92557-07 L2	2500...5700 K						
GFDT800TWPLUS-G1- 92557-01 L1	2500...5700 K						
GFDS800TWPLUS-G1- 92557-07 L1	2500..5700 K						
GFDS800TWPLUS-G1- 92557-07 L2	2500...5700 K						
GFDS800TWPLUS-G1- 92557-01 L1	2500...5700 K						
GFDS400TW-G1-82757- -01	2700...5700 K						
GFDS400TW-G1-82757- -05	2700...5700 K						

Datos técnicos de iluminación

Descripción del producto	LED pitch	Tiempo de arranque	Tiempo de precalentamiento (60 %)	Ángulo de radiación
GFDT800TWPLUS-G1- 92557-07 L1	5.71 mm	< 0,5 s	< 0,50 s	
GFDT800TWPLUS-G1- 92557-07 L2	5.71 mm	< 0,5 s	< 0,50 s	
GFDT800TWPLUS-G1- 92557-01 L1	5.71 mm	< 0,5 s	< 0,50 s	
GFDS800TWPLUS-G1- 92557-07 L1	5.71 mm	< 0,5 s	< 0,50 s	
GFDS800TWPLUS-G1- 92557-07 L2	5.71 mm	< 0,5 s	< 0,50 s	
GFDS800TWPLUS-G1- 92557-01 L1	5.71 mm	< 0,5 s	< 0,50 s	
GFDS400TW-G1-82757- -01	3.57 mm	< 0,5 s	< 0,50 s	110 °
GFDS400TW-G1-82757- -05	3.57 mm	< 0,5 s	< 0,50 s	110 °

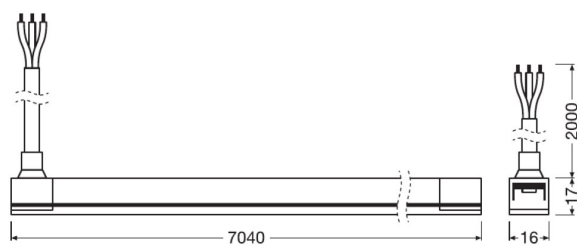
Información módulos LED

Descripción del producto	Número de LEDs por metro	Número de LED por unidad más pequeña
GFDT800TWPLUS-G1- 92557-07 L1	175	14
GFDT800TWPLUS-G1- 92557-07 L2	175	14
GFDT800TWPLUS-G1- 92557-01 L1	175	14
GFDS800TWPLUS-G1- 92557-07 L1	175	14
GFDS800TWPLUS-G1- 92557-07 L2	175	14
GFDS800TWPLUS-G1- 92557-01 L1	175	14
GFDS400TW-G1-82757- -01	280	14
GFDS400TW-G1-82757- -05	280	14

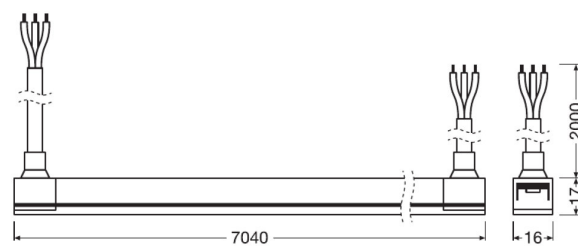
Dimensiones y peso

Descripción del producto	Largo	Longitud – unidad más pequeña	Ancho	Alto	Longitud del cable	Peso del producto
GFDT800TWPLUS-G1- 92557-07 L1	7040,0 mm	80 mm	16,0 mm	17,00 mm	2000,0	2570,00 g
GFDT800TWPLUS-G1- 92557-07 L2	7040,0 mm		16,0 mm	17,00 mm	2000,0	2650,00 g
GFDT800TWPLUS-G1- 92557-01 L1	960,0 mm	80 mm	16,0 mm	17,00 mm	2000,0	420,00 g
GFDS800TWPLUS-G1- 92557-07 L1	7040,0 mm	80 mm	16,0 mm	17,00 mm	2000,0	2570,00 g
GFDS800TWPLUS-G1- 92557-07 L2	7040,0 mm	80 mm	16,0 mm	17,00 mm	2000,0	2650,00 g
GFDS800TWPLUS-G1- 92557-01 L1	960,0 mm	80 mm	16,0 mm	17,00 mm	2000,0	420,00 g
GFDS400TW-G1-82757- -01	1000,0 mm	50,0 mm	9,00 mm	10,00 mm	380,0	120,00 g
GFDS400TW-G1-82757- -05	5000,0 mm	50,0 mm	9,00 mm	10,00 mm	380,0	550,00 g

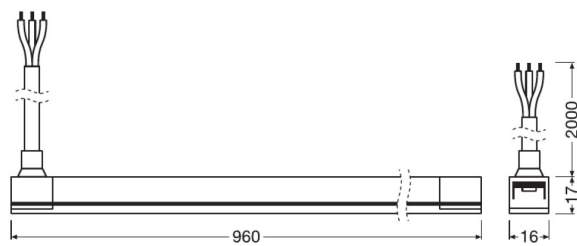
Dibujo del producto



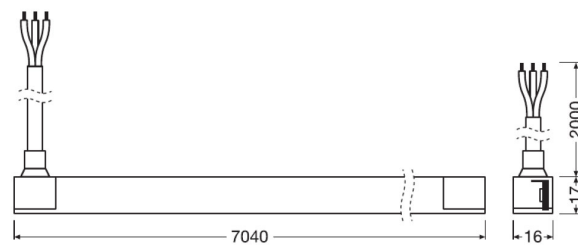
GFDT800TWPLUS-G1- 92557-07 L1



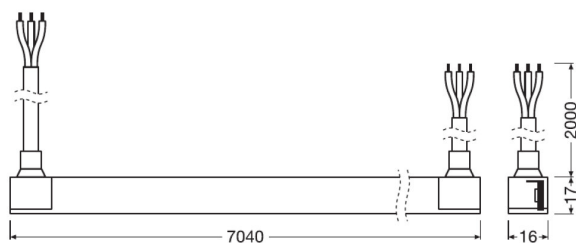
GFDT800TWPLUS-G1- 92557-07 L2



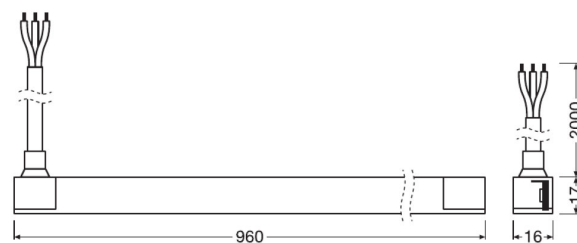
GFDT800TWPLUS-G1- 92557-01 L1



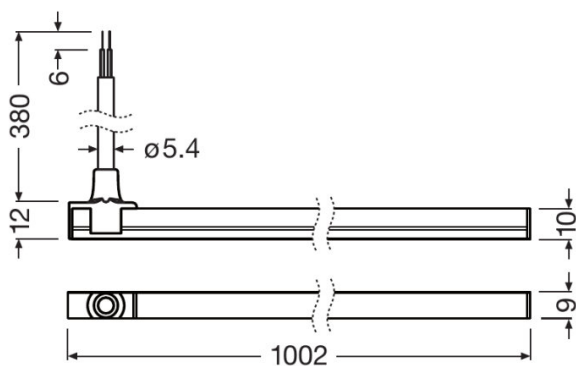
GFDS800TWPLUS-G1- 92557-07 L1



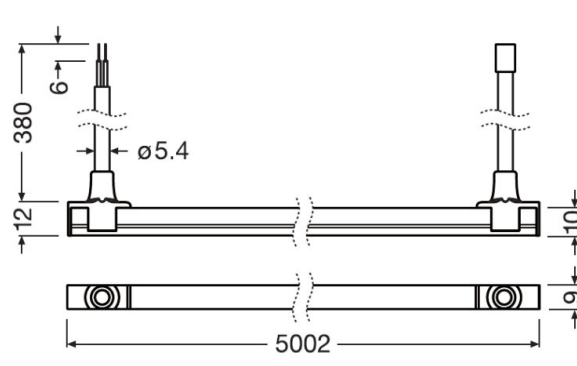
GFDS800TWPLUS-G1- 92557-07 L2



GFDS800TWPLUS-G1- 92557-01 L1



GFDS400TW-G1-82757- -01



GFDS400TW-G1-82757- -05

Colores y materiales

Descripción del producto	Material cobertura	Material del cuerpo
GFDT800TWPLUS-G1- 92557-07 L1	Silicone	Silicone
GFDT800TWPLUS-G1- 92557-07 L2	Silicone	Silicone
GFDT800TWPLUS-G1- 92557-01 L1	Silicone	Silicone
GFDS800TWPLUS-G1- 92557-07 L1	Silicone	Silicone
GFDS800TWPLUS-G1- 92557-07 L2	Silicone	Silicone
GFDS800TWPLUS-G1- 92557-01 L1	Silicone	Silicone
GFDS400TW-G1-82757- -01	Silicone	Silicone
GFDS400TW-G1-82757- -05	Silicone	Silicone

Temp. y condiciones de funcionamiento

Descripción del producto	Rendimiento temp. según norma IEC 62717	Área de temperatura de funcionamiento	Margen de temperatura ambiente	Temperatura de almacenamiento
GFDT800TWPLUS-G1- 92557-07 L1	40 °C	-30...90 °C	-30...+55 °C	-40...55 °C
GFDT800TWPLUS-G1- 92557-07 L2	40 °C	-30...90 °C	-30...+55 °C	-40...55 °C
GFDT800TWPLUS-G1- 92557-01 L1	40 °C	-30...90 °C	-30...+55 °C	-40...55 °C
GFDS800TWPLUS-G1- 92557-07 L1	40 °C	-30...90 °C	-30...+55 °C	-40...55 °C
GFDS800TWPLUS-G1- 92557-07 L2	40 °C	-30...90 °C	-30...+55 °C	-40...55 °C
GFDS800TWPLUS-G1- 92557-01 L1	40 °C	-30...90 °C	-30...+55 °C	-40...55 °C
GFDS400TW-G1-82757- -01	35 °C	-25...65 °C ¹⁾	-25...+45 °C	-25...80 °C
GFDS400TW-G1-82757- -05	35 °C	-25...65 °C ¹⁾	-25...+45 °C	-25...80 °C

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

Duración de vida

Descripción del producto	Vida útil lámpara	Vida útil nominal lámpara	Factor manten.lumen final vida útil nomi	Número de ciclos de encendidos
GFDT800TWPLUS-G1- 92557-07 L1	60000 h	60000 h	0,70	›30000
GFDT800TWPLUS-G1- 92557-07 L2	60000 h	60000 h	0,70	›30000
GFDT800TWPLUS-G1- 92557-01 L1	60000 h	60000 h	0,70	›30000
GFDS800TWPLUS-G1- 92557-07 L1	60000 h	60000 h	0,70	›30000
GFDS800TWPLUS-G1- 92557-07 L2	60000 h	60000 h	0,70	›30000
GFDS800TWPLUS-G1- 92557-01 L1	60000 h	60000 h	0,70	›30000
GFDS400TW-G1-82757- -01	50000 h	50000 h	0,70	15000
GFDS400TW-G1-82757- -05	50000 h	50000 h	0,70	15000

Capacidades

Descripción del producto	Lowest bending radius	Self-adhesive	With connection set
GFDT800TWPLUS-G1- 92557-07 L1	150 mm	No	No
GFDT800TWPLUS-G1- 92557-07 L2	150 mm	No	No
GFDT800TWPLUS-G1- 92557-01 L1	150 mm	No	No
GFDS800TWPLUS-G1- 92557-07 L1	150 mm	No	No
GFDS800TWPLUS-G1- 92557-07 L2	150 mm	No	No
GFDS800TWPLUS-G1- 92557-01 L1	150 mm	No	No
GFDS400TW-G1-82757- -01	60 mm		
GFDS400TW-G1-82757- -05	60 mm		
Descripción del producto	With end piece		
GFDT800TWPLUS-G1- 92557-07 L1	No		
GFDT800TWPLUS-G1- 92557-07 L2	No		
GFDT800TWPLUS-G1- 92557-01 L1	No		
GFDS800TWPLUS-G1- 92557-07 L1	No		
GFDS800TWPLUS-G1- 92557-07 L2	No		
GFDS800TWPLUS-G1- 92557-01 L1	No		
GFDS400TW-G1-82757- -01			
GFDS400TW-G1-82757- -05			

Certificados & Normas

Descripción del producto	Normas	Tipo de protección	Consumo de energía
GFDT800TWPLUS-G1- 92557-07 L1	CE/ENEC/UL/BIS	IP67	
GFDT800TWPLUS-G1- 92557-07 L2	CE/ENEC/UL/BIS	IP67	
GFDT800TWPLUS-G1- 92557-01 L1	CE/ENEC/UL/BIS	IP67	
GFDS800TWPLUS-G1- 92557-07 L1	CE/ENEC/UL/BIS	IP67	
GFDS800TWPLUS-G1- 92557-07 L2	CE/ENEC/UL/BIS	IP67	
GFDS800TWPLUS-G1- 92557-01 L1	CE/ENEC/UL/BIS	IP67	
GFDS400TW-G1-82757- -01	Acc. to EN62471/EN62778/ISO 4892-2 - Method A/IEC 60068-2-52 severity 1/RoHS/Reach/CE/IEC600 68-2-60 Test Ke Method 4	IP65	14 kWh/1000h
GFDS400TW-G1-82757- -05	Acc. to EN62471/EN62778/IEC 60068-2-52 severity 1/ISO 4892-2 - Method A/RoHS/Reach/CE/IEC600 68-2-60 Test Ke Method 4	IP65	66 kWh/1000h

Datos logísticos

Descripción del producto	Número estadístico de material
GFDT800TWPLUS-G1- 92557-07 L1	853951000000
GFDT800TWPLUS-G1- 92557-07 L2	853951000000
GFDT800TWPLUS-G1- 92557-01 L1	853951000000
GFDS800TWPLUS-G1- 92557-07 L1	853951000000
GFDS800TWPLUS-G1- 92557-07 L2	853951000000
GFDS800TWPLUS-G1- 92557-01 L1	853951000000
GFDS400TW-G1-82757- -01	853951000000
GFDS400TW-G1-82757- -05	853951000000

Environmental information
Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)

Descripción del producto	Date of Declaration	Primary Article Identifier	Candidate List Substance 1
GFDT800TWPLUS-G1- 92557-07 L1	02-08-2022	4062172284813	No declarable substances contained
GFDT800TWPLUS-G1- 92557-07 L2	19-07-2022	4062172284837	No declarable substances contained
GFDT800TWPLUS-G1- 92557-01 L1	19-07-2022	4062172284899	No declarable substances contained
GFDS800TWPLUS-G1- 92557-07 L1	17-02-2023	4062172284851	No declarable substances contained
GFDS800TWPLUS-G1- 92557-07 L2	17-02-2023	4062172284875	No declarable substances contained
GFDS800TWPLUS-G1- 92557-01 L1	17-02-2023	4062172284912	No declarable substances contained
GFDS400TW-G1-82757- -01	17-02-2023	4062172147453	No declarable substances contained
GFDS400TW-G1-82757- -05	17-02-2023	4062172147477	No declarable substances contained

Descripción del producto	Declaration No. in SCIP database
GFDT800TWPLUS-G1- 92557-07 L1	No declarable substances contained
GFDT800TWPLUS-G1- 92557-07 L2	No declarable substances contained
GFDT800TWPLUS-G1- 92557-01 L1	No declarable substances contained
GFDS800TWPLUS-G1- 92557-07 L1	No declarable substances contained
GFDS800TWPLUS-G1- 92557-07 L2	No declarable substances contained
GFDS800TWPLUS-G1- 92557-01 L1	No declarable substances contained
GFDS400TW-G1-82757- -01	No declarable substances contained

Hoja de datos gama de productos

Descripción del producto	Declaration No. in SCIP database
GFDS400TW-G1-82757- -05	No declarable substances contained

Consejos de aplicación

Para más información detallada sobre la aplicación y gráficos vea la hoja de datos del producto.

Soporte ventas y técnico

Soporte ventas y técnico www.osram.es

Descarga datos

Fichero
 User instruction GinoLED DIFFUSE TOPSIDE TW PLUS
 Product Datasheet GINOLED Flex Diffuse TW Plus TOP_Specification sheet (EN)
 Product Datasheet GINOLED Flex Diffuse TW Plus SIDE_Specification sheet (EN)
 User instruction GinoLED Flex Diffuse Side Tunable White
 Anexo TI GFDS TW - Specification sheet
 Declaración de conformidad Ginolum Diffuse TW CE 4237513 150823
 IES data GFDS400TW-G1-82757-0105

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

Código del producto	Descripción del producto	Unidad de embalaje (Piezas/unidad)	Dimensiones (largo x ancho x alto)	Volúmen	Peso bruto
4062172284813	GFDT800TWPLUS-G1-92557-07 L1	Embalaje de envío 3	725 mm x 619 mm x 175 mm	78.54 dm ³	12509.00 g
4062172284837	GFDT800TWPLUS-G1-92557-07 L2	Embalaje de envío 3	725 mm x 610 mm x 175 mm	77.39 dm ³	12749.00 g
4062172284899	GFDT800TWPLUS-G1-92557-01 L1	Embalaje de envío 10	710 mm x 475 mm x 225 mm	75.88 dm ³	10900.00 g
4062172284851	GFDS800TWPLUS-G1-92557-07 L1	Embalaje de envío 3	725 mm x 619 mm x 175 mm	78.54 dm ³	12509.00 g
4062172284875	GFDS800TWPLUS-G1-92557-07 L2	Embalaje de envío 3	725 mm x 610 mm x 175 mm	77.39 dm ³	12749.00 g
4062172284912	GFDS800TWPLUS-G1-92557-01 L1	Embalaje de envío 10	710 mm x 475 mm x 225 mm	75.88 dm ³	10900.00 g
4062172147453	GFDS400TW-G1-82757- - 01	Embalaje de envío 40	570 mm x 570 mm x 380 mm	123.46 dm ³	12740.00 g
4062172147477	GFDS400TW-G1-82757- - 05	Embalaje de envío 10	370 mm x 370 mm x 380 mm	52.02 dm ³	8380.00 g

El código del producto mencionado describe la unidad más pequeña de la cantidad que se puede pedir. Una unidad de envío puede contener uno o más productos individuales. Al cursar un pedido, introduzca la cantidad de la unidad de envío o su múltiple.

Aviso

Sujeto a cambios sin aviso. Excepto errores y omisiones. Asegúrese de utilizar la emisión más reciente.