

Dragon Wing G1

Professional LED modules

Product family features

- Uniform illumination thanks to optimized elliptical lenses
- Tube-like solution with pre-mounted connector and clips for easy installation and maintenance
- Pre-mounted IP connector for plug-in connection
- Clips for easy installation and maintenance

Product family benefits

- IP rating: IP65
- Color rendering index R_a : 80
- Consistent white light: 3 SDCM
- Consistent white light (8,000 K series): 5 SDCM
- Very long lifetime: up to 50,000 h
- 5 years system guarantee (with OPTOTRONIC control gear)

Areas of application

- For lighting boxes in subway stations and airports
- Sky lighting



Product family datasheet

Technical data

Product description	Electrical data				Photometrical data		
	Nominal voltage	Type of current	Rated wattage	Input voltage range	Light color LED	Color temperature	Color rendering index Ra
DW1000-G1- 15 880	24.0 V	DC	16.80 W	23...25 V	White	8000 K	80
DW1000-G1- 15 865	24.0 V	DC	14.40 W	23...25 V	White	6500 K	80
DW1000-G1- 12 880	24.0 V	DC	13.40 W	23...25 V	White	8000 K	80
DW1000-G1- 12 865	24.0 V	DC	12.00 W	23...25 V	White	6500 K	80
DW1000-G1- 12 840	24.0 V	DC	12.00 W	23...25 V	White	4000 K	80
DW1000-G1- 12 830	24.0 V	DC	12.00 W	23...25 V	White	3000 K	80
DW1000-G1- 06 880	24.0 V	DC	6.70 W	23...25 V	White	8000 K	80
DW1000-G1- 06 865	24.0 V	DC	6.00 W	23...25 V	White	6500 K	80
DW1000-G1- 06 840	24.0 V	DC	6.00 W	23...25 V	White	4000 K	80
DW1000-G1- 06 830	24.0 V	DC	6.00 W	23...25 V	White	3000 K	80

Product description	Luminous efficacy	LED module information	Dimensions & weight		Temperatures & operating conditions
		Number of LEDs per module	Length	Product weight	Maximum temperature at tc test point
DW1000-G1- 15 880	95.2 lm/W	35	1450 mm	250.00 g	55 °C
DW1000-G1- 15 865	114.6 lm/W	21	1450 mm	250.00 g	55 °C
DW1000-G1- 12 880	95.5 lm/W	28	1150 mm	200.00 g	55 °C
DW1000-G1- 12 865	111.7 lm/W	14	1150 mm	200.00 g	55 °C
DW1000-G1- 12 840	115.0 lm/W	14	1150 mm	200.00 g	55 °C
DW1000-G1- 12 830	110.0 lm/W	14	1150 mm	200.00 g	55 °C
DW1000-G1- 06 880	94.0 lm/W	14	550 mm	100.00 g	55 °C
DW1000-G1- 06 865	111.7 lm/W	7	550 mm	100.00 g	55 °C
DW1000-G1- 06 840	115.0 lm/W	7	550 mm	100.00 g	55 °C
DW1000-G1- 06 830	110.0 lm/W	7	550 mm	100.00 g	55 °C

Product description	Temperature range at storage	Temperature range in operation at Tc point	Certificates & standards	Logistical data
			Standards	Commodity code
DW1000-G1- 15 880	-25...85 °C	-25...55 °C	Acc. to IEC 62471/Acc. to IEC 60598-1/Acc. to EN 60529/Acc. to EN 62031/Acc. to EN 55015/Acc. to EN 61547	940540999000
DW1000-G1- 15 865	-25...85 °C	-25...55 °C	Acc. to IEC 62471/Acc. to IEC 60598-1/Acc. to EN 60529/Acc. to EN 62031/Acc. to EN 55015/Acc. to EN 61547	940540999000

Product family datasheet

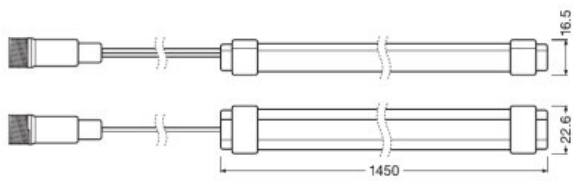
Product description	Temperature range at storage	Temperature range in operation at Tc point	Certificates & standards	Logistical data
			Standards	Commodity code
DW1000-G1- 12 880	-25...85 °C	-25...55 °C	Acc. to IEC 62471/Acc. to IEC 60598-1/Acc. to EN 60529/Acc. to EN 62031/Acc. to EN 55015/Acc. to EN 61547	940540999000
DW1000-G1- 12 865	-25...85 °C	-25...55 °C	Acc. to IEC 62471/Acc. to IEC 60598-1/Acc. to EN 60529/Acc. to EN 62031/Acc. to EN 55015/Acc. to EN 61547	940540999000
DW1000-G1- 12 840	-25...85 °C	-25...55 °C	Acc. to IEC 62471/Acc. to IEC 60598-1/Acc. to EN 60529/Acc. to EN 62031/Acc. to EN 55015/Acc. to EN 61547	940540999000
DW1000-G1- 12 830	-25...85 °C	-25...55 °C	Acc. to IEC 62471/Acc. to IEC 60598-1/Acc. to EN 60529/Acc. to EN 62031/Acc. to EN 55015/Acc. to EN 61547	940540999000
DW1000-G1- 06 880	-25...85 °C	-25...55 °C	Acc. to IEC 62471/Acc. to IEC 60598-1/Acc. to EN 60529/Acc. to EN 62031/Acc. to EN 55015/Acc. to EN 61547	940540999000
DW1000-G1- 06 865	-25...85 °C	-25...55 °C	Acc. to IEC 62471/Acc. to IEC 60598-1/Acc. to EN 60529/Acc. to EN 62031/Acc. to EN 55015/Acc. to EN 61547	940540999000
DW1000-G1- 06 840	-25...85 °C	-25...55 °C	Acc. to IEC 62471/Acc. to IEC 60598-1/Acc. to EN 60529/Acc. to EN 62031/Acc. to EN 55015/Acc. to EN 61547	940540999000
DW1000-G1- 06 830	-25...85 °C	-25...55 °C	Acc. to IEC 62471/Acc. to IEC 60598-1/Acc. to EN 60529/Acc. to EN 62031/Acc. to EN 55015/Acc. to EN 61547	940540999000

Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)			
Product description	Date of Declaration	Primary Article Identifier	Declaration No. in SCIP database
DW1000-G1- 15 880	19-01-2022	4052899597990	In work
DW1000-G1- 15 865	19-01-2022	4052899598010	In work
DW1000-G1- 12 880	19-01-2022	4052899598041	In work
DW1000-G1- 12 865	19-01-2022	4052899598065	In work

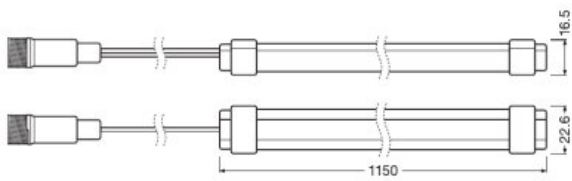
Product family datasheet

Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)			
Product description	Date of Declaration	Primary Article Identifier	Declaration No. in SCIP database
DW1000-G1- 12 840	19-01-2022	4052899598089	In work
DW1000-G1- 12 830	19-01-2022	4052899598102	In work
DW1000-G1- 06 880	19-01-2022	4052899598126	In work
DW1000-G1- 06 865	19-01-2022	4052899598140	In work
DW1000-G1- 06 840	19-01-2022	4052899598164	In work
DW1000-G1- 06 830	19-01-2022	4052899598188	In work

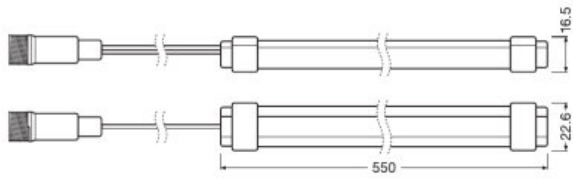
Product family datasheet



Dragon Wing G1 15



Dragon Wing G1 12



Dragon Wing G1 06

Application advice

For more detailed application information and graphics please see product datasheet.

Sales and Technical Support

Sales and Technical Support www.osram.com

Download Data

File	
	Declarations of conformity EU Declaration of Conformity of Dragon Wing
	IES data IES file DW1000-G1-15_880

Product family datasheet

	IES data IES file of DW1000-G1-15 865
	IES data IES file of DW1000-G1-12 880
	IES data IES file of DW1000-G1-12 865
	IES data IES file of DW1000-G1-12 840
	IES data IES file of DW1000-G1-12 830
	IES data IES file of DW1000-G1-06 880
	IES data IES file of DW1000-G1-06 865
	IES data IES file of DW1000-G1-06 840
	IES data IES file of DW1000-G1-06 830

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
4052899597990	DW1000-G1- 15 880	Shipping carton box 50	1480 mm x 290 mm x 120 mm	51.50 dm ³	15346.00 g

Product family datasheet

Logistical Data

4052899598010	DW1000-G1- 15 865	Shipping carton box 50	1480 mm x 290 mm x 120 mm	51.50 dm ³	15346.00 g
4052899598041	DW1000-G1- 12 880	Shipping carton box 50	1180 mm x 290 mm x 120 mm	41.06 dm ³	12227.00 g
4052899598065	DW1000-G1- 12 865	Shipping carton box 50	1180 mm x 290 mm x 120 mm	41.06 dm ³	12227.00 g
4052899598089	DW1000-G1- 12 840	Shipping carton box 50	1180 mm x 290 mm x 120 mm	41.06 dm ³	12227.00 g
4052899598102	DW1000-G1- 12 830	Shipping carton box 50	1180 mm x 290 mm x 120 mm	41.06 dm ³	12227.00 g
4052899598126	DW1000-G1- 06 880	Shipping carton box 50	580 mm x 290 mm x 120 mm	20.18 dm ³	6237.00 g
4052899598140	DW1000-G1- 06 865	Shipping carton box 50	580 mm x 290 mm x 120 mm	20.18 dm ³	6237.00 g
4052899598164	DW1000-G1- 06 840	Shipping carton box 50	580 mm x 290 mm x 120 mm	20.18 dm ³	6237.00 g
4052899598188	DW1000-G1- 06 830	Shipping carton box 50	580 mm x 290 mm x 120 mm	20.18 dm ³	6237.00 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.