

GinoLED HO Module G2

LED modules for street lighting



Product family features

- Available with beam angle: 60°×60° and 90°×90°
- Available with color temperature: 4,000 K, 6,500 K
- Color rendering index R_a : 80
- Impact resistance: IK08
- Type of protection: IP65
- Lifetime (L70/B50): 50,000 h
- Operating temperature range: -30...45 °C
- Certificates: CE, CB, CQC
- Lifetime (L70/B50) for GL-HO 80: 50,000 h (temperature at $T_p = 50$ °C)
- Lifetime (L70/B50) for GL-HO 120: 50,000 h (temperature at $T_p = 55$ °C)
- Lifetime (L70/B50) for GL-HO 150/180: 50,000 h (temperature at $T_p = 60$ °C)

Product family benefits

- High module efficacy: up to 165 lm/W
- Integrated heat sink for optimal thermal management and tailored optical design
- Light weight design for easy installation

Areas of application

- Airports, stations and factories
- Indoor courts, exhibition halls, warehouses



Product family datasheet

Technical data

Product description	Electrical data		Photometrical data		Dimensions & weight	Temperatures & operating conditions
	Nominal current	Type of current	Luminous efficacy	Color rendering index Ra	Product weight	Temperature range in operation at Tc point
GL-HO-G2 80-840 L60X60	07 A	DC	165 lm/W	>80	210000 g	-30...45 °C
GL-HO-G2 80-840 L90X90	07 A	DC	165 lm/W	>80	210000 g	-30...45 °C
GL-HO-G2 120-840 L60X60	07 A	DC	165 lm/W	>80	210000 g	-30...45 °C
GL-HO-G2 120-865 L60X60	07 A	DC	165 lm/W	>80	210000 g	-30...45 °C
GL-HO-G2 120-865 L90X90	07 A	DC	165 lm/W	>80	210000 g	-30...45 °C
GL-HO-G2 150-840 L90X90	07 A	DC	165 lm/W	>80	210000 g	-30...45 °C
GL-HO-G2 180-840 L60X60	07 A	DC	165 lm/W	>80	280000 g	-30...45 °C
GL-HO-G2 180-840 L90X90	07 A	DC	165 lm/W	>80	280000 g	-30...45 °C
GL-HO-G2 180-865 L60X60	07 A	DC	165 lm/W	>80	280000 g	-30...45 °C
GL-HO-G2 180-865 L90X90	07 A	DC	165 lm/W	>80	280000 g	-30...45 °C

Product description	Temperature range at storage	Additional product data	Certificates & standards	
		Predecessor EAN	Type of protection	Standards
GL-HO-G2 80-840 L60X60	-40...80 °C	4052899543218	IP65	Acc. to IEC 62778/Acc. to IEC 60598-1/Acc. to EN 62031/Acc. to EN 55015/Acc. to EN 61547/Acc. to IEC 61000-3-2/Acc. to IEC 61000-3-3
GL-HO-G2 80-840 L90X90	-40...80 °C	4052899543232	IP65	Acc. to IEC 62778/Acc. to IEC 60598-1/Acc. to EN 62031/Acc. to EN 55015/Acc. to EN 61547/Acc. to IEC 61000-3-2/Acc. to IEC 61000-3-3
GL-HO-G2 120-840 L60X60	-40...80 °C		IP65	Acc. to IEC 62778/Acc. to IEC 60598-1/Acc. to EN 62031/Acc. to EN 55015/Acc. to EN 61547/Acc. to IEC 61000-3-2/Acc. to IEC 61000-3-3
GL-HO-G2 120-865 L60X60	-40...80 °C		IP65	Acc. to IEC 62778/Acc. to IEC 60598-1/Acc. to EN 62031/Acc. to EN 55015/Acc. to EN 61547/Acc. to IEC 61000-3-2/Acc. to IEC 61000-3-3

Product family datasheet

Product description	Temperature range at storage	Additional product data	Certificates & standards	
		Predecessor EAN	Type of protection	Standards
GL-HO-G2 120-865 L90X90	-40...80 °C	4052899543393	IP65	Acc. to IEC 62778/Acc. to IEC 60598-1/Acc. to EN 62031/Acc. to EN 55015/Acc. to EN 61547/Acc. to IEC 61000-3-2/Acc. to IEC 61000-3-3
GL-HO-G2 150-840 L90X90	-40...80 °C	4052899543416	IP65	Acc. to IEC 62778/Acc. to IEC 60598-1/Acc. to EN 62031/Acc. to EN 55015/Acc. to EN 61547/Acc. to IEC 61000-3-2/Acc. to IEC 61000-3-3
GL-HO-G2 180-840 L60X60	-40...80 °C		IP65	Acc. to IEC 62778/Acc. to IEC 60598-1/Acc. to EN 62031/Acc. to EN 55015/Acc. to EN 61547/Acc. to IEC 61000-3-2/Acc. to IEC 61000-3-3
GL-HO-G2 180-840 L90X90	-40...80 °C		IP65	Acc. to IEC 62778/Acc. to IEC 60598-1/Acc. to EN 62031/Acc. to EN 55015/Acc. to EN 61547/Acc. to IEC 61000-3-2/Acc. to IEC 61000-3-3
GL-HO-G2 180-865 L60X60	-40...80 °C		IP65	Acc. to IEC 62778/Acc. to IEC 60598-1/Acc. to EN 62031/Acc. to EN 55015/Acc. to EN 61547/Acc. to IEC 61000-3-2/Acc. to IEC 61000-3-3
GL-HO-G2 180-865 L90X90	-40...80 °C		IP65	Acc. to IEC 62778/Acc. to IEC 60598-1/Acc. to EN 62031/Acc. to EN 55015/Acc. to EN 61547/Acc. to IEC 61000-3-2/Acc. to IEC 61000-3-3

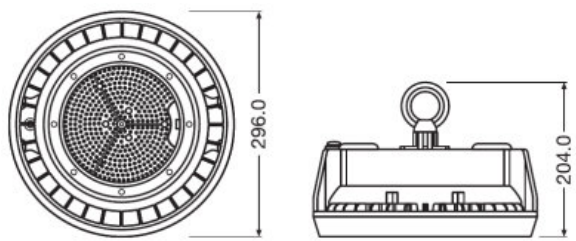
Product description	Logistical data	Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)		
	Commodity code	Date of Declaration	Primary Article Identifier	Candidate List Substance 1
GL-HO-G2 80-840 L60X60	94054239900	16-08-2023	4062172051354 4062172344098	No declarable substances contained
GL-HO-G2 80-840 L90X90	94054239900	16-08-2023	4062172051378 4062172344111	No declarable substances contained
GL-HO-G2 120-840 L60X60	940540999000	16-08-2023	4062172051439 4062172343855	No declarable substances contained
GL-HO-G2 120-865 L60X60	940540999000	16-08-2023	4062172051477 4062172343893	

Product family datasheet

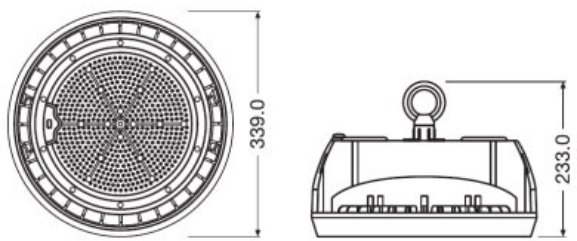
	Logistical data	Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)		
Product description	Commodity code	Date of Declaration	Primary Article Identifier	Candidate List Substance 1
GL-HO-G2 120-865 L90X90	940540999000	16-08-2023	4062172051491 4062172343916	No declarable substances contained
GL-HO-G2 150-840 L90X90	94054239900	16-08-2023	4062172051538 4062172343954	No declarable substances contained
GL-HO-G2 180-840 L60X60	94054239900	16-08-2023	4062172051613 4062172344012	No declarable substances contained
GL-HO-G2 180-840 L90X90	94054239900	16-08-2023	4062172051651 4062172344036	No declarable substances contained
GL-HO-G2 180-865 L60X60	940540999000	16-08-2023	4062172051675 4062172344050	No declarable substances contained
GL-HO-G2 180-865 L90X90	940540999000	16-08-2023	4062172051699 4062172344074	No declarable substances contained

Product description	Declaration No. in SCIP database
GL-HO-G2 80-840 L60X60	In work
GL-HO-G2 80-840 L90X90	In work
GL-HO-G2 120-840 L60X60	In work
GL-HO-G2 120-865 L60X60	In work
GL-HO-G2 120-865 L90X90	In work
GL-HO-G2 150-840 L90X90	In work
GL-HO-G2 180-840 L60X60	In work
GL-HO-G2 180-840 L90X90	In work
GL-HO-G2 180-865 L60X60	In work
GL-HO-G2 180-865 L90X90	In work

Product family datasheet



Line drawing of GINO G2 & E Version



Line drawing of GINO G2 & E Version

Application advice

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

Sales and Technical Support

Sales and Technical Support www.osram.com

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4062172051354	GL-HO-G2 80-840 L60X60	Shipping carton box 1	362 mm x 362 mm x 189 mm	24.77 dm ³	2896.00 g
4062172051378	GL-HO-G2 80-840 L90X90	Shipping carton box 1	362 mm x 362 mm x 189 mm	24.77 dm ³	2896.00 g
4062172051439	GL-HO-G2 120-840 L60X60	Shipping carton box 1	362 mm x 362 mm x 189 mm	24.77 dm ³	2896.00 g
4062172051477	GL-HO-G2 120-865 L60X60	Shipping carton box 1	362 mm x 362 mm x 189 mm	24.77 dm ³	2896.00 g
4062172051491	GL-HO-G2 120-865 L90X90	Shipping carton box 1	362 mm x 362 mm x 189 mm	24.77 dm ³	2896.00 g
4062172051538	GL-HO-G2 150-840 L90X90	Shipping carton box 1	362 mm x 362 mm x 189 mm	24.77 dm ³	2896.00 g
4062172051613	GL-HO-G2 180-840 L60X60	Shipping carton box 1	402 mm x 402 mm x 214 mm	34.58 dm ³	3770.00 g
4062172051651	GL-HO-G2 180-840 L90X90	Shipping carton box 1	402 mm x 402 mm x 214 mm	34.58 dm ³	3770.00 g
4062172051675	GL-HO-G2 180-865 L60X60	Shipping carton box 1	402 mm x 402 mm x 214 mm	34.58 dm ³	3770.00 g

Product family datasheet

Logistical Data

4062172051699	GL-HO-G2 180-865 L90X90	Shipping carton box 1	402 mm x 402 mm x 214 mm	34.58 dm ³	3770.00 g
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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.