

GinoLED HO Module ECO

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 146 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-E 180-840 L60X60	0.7 A	DC	143 lm/W	>80	2800.00 g	-30...45 °C
GL-HO-E 180-840 L90X90	0.7 A	DC	143 lm/W	>80	2800.00 g	-30...45 °C
GL-HO-E 180-865 L60X60	0.7 A	DC	143 lm/W	>80	2800.00 g	-30...45 °C
GL-HO-E 180-865 L90X90	0.7 A	DC	143 lm/W	>80	2800.00 g	-30...45 °C
GL-HO-E 150-840 L60X60	0.7 A	DC	146 lm/W	>80	2100.00 g	-30...45 °C
GL-HO-E 150-840 L90X90	0.7 A	DC	146 lm/W	>80	2100.00 g	-30...45 °C
GL-HO-E 150-865 L90X90	0.7 A	DC	146 lm/W	>80	2100.00 g	-30...45 °C
GL-HO-E 80-840 L60X60	0.7 A	DC	143 lm/W	>80	2100.00 g	-30...45 °C
GL-HO-E 80-840 L90X90	0.7 A	DC	143 lm/W	>80	2100.00 g	-30...45 °C
GL-HO-E 80-865 L90X90	0.7 A	DC	143 lm/W	>80	2100.00 g	-30...45 °C
GL-HO-E 120-840 L60X60	0.7 A	DC	143 lm/W	>80	2100.00 g	-30...45 °C
GL-HO-E 120-840 L90X90	0.7 A	DC	143 lm/W	>80	2100.00 g	-30...45 °C
GL-HO-E 120-865 L60X60	0.7 A	DC	143 lm/W	>80	2100.00 g	-30...45 °C

Product description	Temperature range at storage	Certificates & standards		Logistical data
		Type of protection	Standards	Commodity code
GL-HO-E 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	940542399000
GL-HO-E 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	940542399000
GL-HO-E 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	940540399000
GL-HO-E 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	940540399000

Product family datasheet

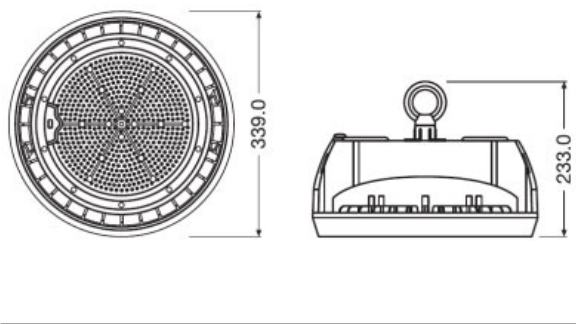
Product description	Temperature range at storage	Certificates & standards		Logistical data
		Type of protection	Standards	Commodity code
GL-HO-E 150-840 L60X60	-40...80 °C	IP65	Acc. to IEC 62778/Acc. to IEC 60598-1/Acc. to EN 62031/Acc. to EN 55015/Acc. to EN 61547/Acc. to IEC 61000-3-2/Acc. to IEC 61000-3-3	940542399000
GL-HO-E 150-840 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	940542399000
GL-HO-E 150-865 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	940540399000
GL-HO-E 80-840 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	940542399000
GL-HO-E 80-840 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	940542399000
GL-HO-E 80-865 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	940540399000
GL-HO-E 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	940540399000
GL-HO-E 120-840 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	940540399000

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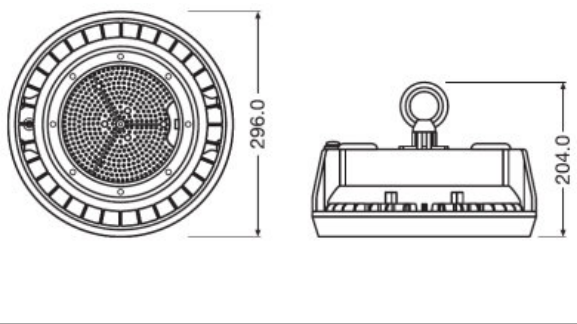
Product description	Temperature range at storage	Certificates & standards		Logistical data
		Type of protection	Standards	Commodity code
GL-HO-E 120-865 L60X60	-40...80 °C	IP65	Acc. to IEC 62778/Acc. to IEC 60598-1/Acc. to EN 62031/Acc. to EN 55015/Acc. to EN 61547/Acc. to IEC 61000-3-2/Acc. to IEC 61000-3-3	940540399000

Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)				
Product description	Date of Declaration	Primary Article Identifier	Candidate List Substance 1	Declaration No. in SCIP database
GL-HO-E 180-840 L60X60	19-10-2022	4062172051996 4062172344333	No declarable substances contained	In work
GL-HO-E 180-840 L90X90	19-10-2022	4062172052016 4062172344357	No declarable substances contained	In work
GL-HO-E 180-865 L60X60	19-10-2022	4062172052030 4062172344371	No declarable substances contained	In work
GL-HO-E 180-865 L90X90	19-10-2022	4062172052054 4062172344395	No declarable substances contained	In work
GL-HO-E 150-840 L60X60	19-10-2022	4062172051897 4062172344258	No declarable substances contained	In work
GL-HO-E 150-840 L90X90	19-10-2022	4062172051910 4062172344272	No declarable substances contained	In work
GL-HO-E 150-865 L90X90	19-10-2022	4062172051958 4062172344319	No declarable substances contained	In work
GL-HO-E 80-840 L60X60	19-10-2022	4062172051736 4062172344418	No declarable substances contained	In work
GL-HO-E 80-840 L90X90	19-10-2022	4062172051750 4062172344432	No declarable substances contained	In work
GL-HO-E 80-865 L90X90	19-10-2022	4062172051798 4062172344470	No declarable substances contained	In work
GL-HO-E 120-840 L60X60	19-10-2022	4062172051811 4062172344494	No declarable substances contained	In work
GL-HO-E 120-840 L90X90	19-10-2022	4062172051835 4062172344517	No declarable substances contained	In work
GL-HO-E 120-865 L60X60	19-10-2022	4062172051859 4062172344531	No declarable substances contained	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
4062172051996	GL-HO-E 180-840 L60X60	Shipping carton box 1	402 mm x 402 mm x 214 mm	34.58 dm ³	3770.00 g
4062172052016	GL-HO-E 180-840 L90X90	Shipping carton box 1	402 mm x 402 mm x 214 mm	34.58 dm ³	3770.00 g
4062172052030	GL-HO-E 180-865 L60X60	Shipping carton box 1	400 mm x 400 mm x 200 mm	32.00 dm ³	3770.00 g
4062172052054	GL-HO-E 180-865 L90X90	Shipping carton box 1	402 mm x 402 mm x 214 mm	34.58 dm ³	3770.00 g
4062172051897	GL-HO-E 150-840 L60X60	Shipping carton box 1	362 mm x 362 mm x 189 mm	24.77 dm ³	2896.00 g
4062172051910	GL-HO-E 150-840 L90X90	Shipping carton box 1	362 mm x 362 mm x 189 mm	24.77 dm ³	2896.00 g
4062172051958	GL-HO-E 150-865 L90X90	Shipping carton box 1	362 mm x 362 mm x 189 mm	24.77 dm ³	2896.00 g
4062172051736	GL-HO-E 80-840 L60X60	Shipping carton box 1	362 mm x 362 mm x 189 mm	24.77 dm ³	2896.00 g
4062172051750	GL-HO-E 80-840 L90X90	Shipping carton box 1	362 mm x 362 mm x 189 mm	24.77 dm ³	2896.00 g

Product family datasheet

Logistical Data

4062172051798	GL-HO-E 80-865 L90X90	Shipping carton box 1	362 mm x 362 mm x 189 mm	24.77 dm ³	2896.00 g
4062172051811	GL-HO-E 120-840 L60X60	Shipping carton box 1	362 mm x 362 mm x 189 mm	24.77 dm ³	2896.00 g
4062172051835	GL-HO-E 120-840 L90X90	Shipping carton box 1	362 mm x 362 mm x 189 mm	24.77 dm ³	2896.00 g
4062172051859	GL-HO-E 120-865 L60X60	Shipping carton box 1	362 mm x 362 mm x 189 mm	24.77 dm ³	2896.00 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.