

PrevaLED SKY G2 Module

LED modules for street lighting



Product family features

- Available with color temperature: 3,000 K, 4,000 K or 6,500 K
- 5 different optical lenses for diverse application
- Type of protection: IP66 and IK08
- Lifetime: up to 50,000 h (at 450 mA and 700 mA)
- Lifetime: up to 35,000 h (at 960 mA)
- Wide operating temperature range: -30...90 °C
- Certificates: CE, CB, CQC
- Color rendering index R_a : 70

Product family benefits

- High module efficacy: up to 152 lm/W
- Integrated heat sink for optimal thermal management and tailored optical design

Areas of application

- Area illumination for Highbay, Lowbay and Canopy light for industry and outdoor application
- Billboard and floodlight
- Street lighting for ME1 and ME2 road class



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
PL-SKY-G2 730L100X100 W/P	0.7 A	DC	129 lm/W	70	350.00 g	-30...90 °C
PL-SKY-G2 730L100X60 W/P	0.7 A	DC	129 lm/W	70	350.00 g	-30...90 °C
PL-SKY-G2 730L60X60 W/P	0.7 A	DC	129 lm/W	70	350.00 g	-30...90 °C
PL-SKY-G2 730L150X80T40C W/P	0.7 A	DC	129 lm/W	70	350.00 g	-30...90 °C
PL-SKY-G2 730L150X80T40S W/P	0.7 A	DC	129 lm/W	70	350.00 g	-30...90 °C
PL-SKY-G2 740L100X100 W/P	0.7 A	DC	135 lm/W	70	350.00 g	-30...90 °C
PL-SKY-G2 740L100X60 W/P	0.7 A	DC	135 lm/W	70	350.00 g	-30...90 °C
PL-SKY-G2 740L60X60 W/P	0.7 A	DC	135 lm/W	70	350.00 g	-30...90 °C
PL-SKY-G2 740L150X80T40C W/P	0.7 A	DC	135 lm/W	70	350.00 g	-30...90 °C
PL-SKY-G2 740L150X80T40S W/P	0.7 A	DC	135 lm/W	70	350.00 g	-30...90 °C
PL-SKY-G2 765L100X100 W/P	0.7 A	DC	132 lm/W	70	350.00 g	-30...90 °C
PL-SKY-G2 765 L 100x60 W/P	0.7 A	DC	132 lm/W	70	350.00 g	-30...90 °C
PL-SKY-G2 765L60X60 W/P	0.7 A	DC	132 lm/W	70	350.00 g	-30...90 °C
PL-SKY-G2 765L150X80T40C W/P	0.7 A	DC	132 lm/W	70	350.00 g	-30...90 °C
PL-SKY-G2 765L150X80T40S W/P	0.7 A	DC	132 lm/W	70	350.00 g	-30...90 °C
PL-SKY-G2 840L100X100 W/P	0.7 A	DC	132 lm/W	80	350.00 g	-30...90 °C

Product description	Temperature range at storage	Certificates & standards		Logistical data
		Type of protection	Standards	Commodity code
PL-SKY-G2 730L100X100 W/P	-30...85 °C	IP66	Acc. to IEC 62471/Acc. to IEC 60598-1/Acc. to EN 60529/Acc. to EN 62031/Acc. to IEC 60598-1 (Class I)/Acc. to EN 55015/Acc. to EN 61547	854370909900
PL-SKY-G2 730L100X60 W/P	-30...85 °C	IP66	Acc. to IEC 62471/Acc. to IEC 60598-1/Acc. to EN 60529/Acc. to EN 62031/Acc. to IEC 60598-1 (Class I)/Acc. to EN 55015/Acc. to EN 61547	854370909900
PL-SKY-G2 730L60X60 W/P	-30...85 °C	IP66	Acc. to IEC 62471/Acc. to IEC 60598-1/Acc. to EN 60529/Acc. to EN 62031/Acc. to IEC 60598-1 (Class I)/Acc. to EN 55015/Acc. to EN 61547	854370909900

Product family datasheet

Product description	Temperature range at storage	Certificates & standards		Logistical data
		Type of protection	Standards	Commodity code
PL-SKY-G2 730L150X80T40C W/P	-30...85 °C	IP66	Acc. to IEC 62471/Acc. to IEC 60598-1/Acc. to EN 60529/Acc. to EN 62031/Acc. to IEC 60598-1 (Class I)/Acc. to EN 55015/Acc. to EN 61547	854370909900
PL-SKY-G2 730L150X80T40S W/P	-30...85 °C	IP66	Acc. to IEC 62471/Acc. to IEC 60598-1/Acc. to EN 60529/Acc. to EN 62031/Acc. to IEC 60598-1 (Class I)/Acc. to EN 55015/Acc. to EN 61547	888888888888
PL-SKY-G2 740L100X100 W/P	-30...85 °C	IP66	Acc. to IEC 62471/Acc. to IEC 60598-1/Acc. to EN 60529/Acc. to EN 62031/Acc. to IEC 60598-1 (Class I)/Acc. to EN 55015/Acc. to EN 61547	854370909900
PL-SKY-G2 740L100X60 W/P	-30...85 °C	IP66	Acc. to IEC 62471/Acc. to IEC 60598-1/Acc. to EN 60529/Acc. to EN 62031/Acc. to IEC 60598-1 (Class I)/Acc. to EN 55015/Acc. to EN 61547	854370909900
PL-SKY-G2 740L60X60 W/P	-30...85 °C	IP66	Acc. to IEC 62471/Acc. to IEC 60598-1/Acc. to EN 60529/Acc. to EN 62031/Acc. to IEC 60598-1 (Class I)/Acc. to EN 55015/Acc. to EN 61547	854370909900
PL-SKY-G2 740L150X80T40C W/P	-30...85 °C	IP66	Acc. to IEC 62471/Acc. to IEC 60598-1/Acc. to EN 60529/Acc. to EN 62031/Acc. to IEC 60598-1 (Class I)/Acc. to EN 55015/Acc. to EN 61547	854370909900
PL-SKY-G2 740L150X80T40S W/P	-30...85 °C	IP66	Acc. to IEC 62471/Acc. to IEC 60598-1/Acc. to EN 60529/Acc. to EN 62031/Acc. to IEC 60598-1 (Class I)/Acc. to EN 55015/Acc. to EN 61547	854370909900
PL-SKY-G2 765L100X100 W/P	-30...85 °C	IP66	Acc. to IEC 62471/Acc. to IEC 60598-1/Acc. to EN 60529/Acc. to EN 62031/Acc. to IEC 60598-1 (Class I)/Acc. to EN 55015/Acc. to EN 61547	854370909900

Product family datasheet

Product description	Temperature range at storage	Certificates & standards		Logistical data
		Type of protection	Standards	Commodity code
PL-SKY-G2 765 L 100x60 W/P	-30...85 °C	IP66	Acc. to IEC 62471/Acc. to IEC 60598-1/Acc. to EN 60529/Acc. to EN 62031/Acc. to IEC 60598-1 (Class I)/Acc. to EN 55015/Acc. to EN 61547	854370909900
PL-SKY-G2 765L60X60 W/P	-30...85 °C	IP66	Acc. to IEC 62471/Acc. to IEC 60598-1/Acc. to EN 60529/Acc. to EN 62031/Acc. to IEC 60598-1 (Class I)/Acc. to EN 55015/Acc. to EN 61547	854370909900
PL-SKY-G2 765L150X80T40C W/P	-30...85 °C	IP66	Acc. to IEC 62471/Acc. to IEC 60598-1/Acc. to EN 60529/Acc. to EN 62031/Acc. to IEC 60598-1 (Class I)/Acc. to EN 55015/Acc. to EN 61547	854370909900
PL-SKY-G2 765L150X80T40S W/P	-30...85 °C	IP66	Acc. to IEC 62471/Acc. to IEC 60598-1/Acc. to EN 60529/Acc. to EN 62031/Acc. to IEC 60598-1 (Class I)/Acc. to EN 55015/Acc. to EN 61547	854370909900
PL-SKY-G2 840L100X100 W/P	-30...85 °C	IP66	Acc. to IEC 62471/Acc. to IEC 60598-1/Acc. to EN 60529/Acc. to EN 62031/Acc. to IEC 60598-1 (Class I)/Acc. to EN 55015/Acc. to EN 61547	854370909900

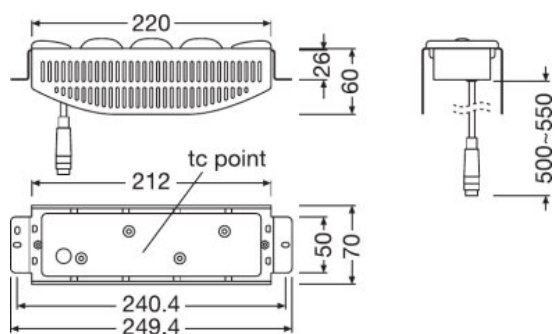
Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)

Product description	Date of Declaration	Primary Article Identifier	Candidate List Substance 1	Declaration No. in SCIP database
PL-SKY-G2 730L100X100 W/P	19-01-2022	4052899573710	No declarable substances contained	No declarable substances contained
PL-SKY-G2 730L100X60 W/P	19-01-2022	4052899573734	No declarable substances contained	No declarable substances contained
PL-SKY-G2 730L60X60 W/P	19-01-2022	4052899573758	No declarable substances contained	No declarable substances contained
PL-SKY-G2 730L150X80T40C W/P	19-01-2022	4052899573772	No declarable substances contained	No declarable substances contained
PL-SKY-G2 730L150X80T40S W/P	19-01-2022	4052899573796	No declarable substances contained	No declarable substances contained
PL-SKY-G2 740L100X100 W/P	19-01-2022	4052899573819	No declarable substances contained	No declarable substances contained
PL-SKY-G2 740L100X60 W/P	19-01-2022	4052899573833	No declarable substances contained	No declarable substances contained
PL-SKY-G2 740L60X60 W/P	19-01-2022	4052899573857	No declarable substances contained	No declarable substances contained

Product family datasheet

Product description	Environmental information			
	Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)			
	Date of Declaration	Primary Article Identifier	Candidate List Substance 1	Declaration No. in SCIP database
PL-SKY-G2 740L150X80T40C W/P	19-01-2022	4052899573871	No declarable substances contained	No declarable substances contained
PL-SKY-G2 740L150X80T40S W/P	19-01-2022	4052899573895	No declarable substances contained	No declarable substances contained
PL-SKY-G2 765L100X100 W/P	19-01-2022	4052899573918	No declarable substances contained	No declarable substances contained
PL-SKY-G2 765 L 100x60 W/P	19-01-2022	4052899573932	No declarable substances contained	No declarable substances contained
PL-SKY-G2 765L60X60 W/P	19-01-2022	4052899573956	No declarable substances contained	No declarable substances contained
PL-SKY-G2 765L150X80T40C W/P	19-01-2022	4052899573970	No declarable substances contained	No declarable substances contained
PL-SKY-G2 765L150X80T40S W/P	19-01-2022	4052899573994	No declarable substances contained	No declarable substances contained
PL-SKY-G2 840L100X100 W/P	19-01-2022	4052899574014	No declarable substances contained	No declarable substances contained

Product family datasheet



Line Drawing of PrevaLED SKY G2 Module

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	
	IES data IES file for PL-SKY-G2 730L100X100
	IES data IES file for PL-SKY-G2 730L100X60
	IES data IES file for PL-SKY-G2 730L100X100
	IES data IES file for PL-SKY-G2 730L150X80T40C
	IES data IES file for PL-SKY-G2 730L150X80T40S
	IES data IES file for PL-SKY-G2 740L100X100
	IES data IES file for PL-SKY-G2 740L100X60
	IES data IES file for PL-SKY-G2 740L60X60
	IES data IES file for PL-SKY-G2 740L150X80T40C

Product family datasheet

	IES data IES file for PL-SKY-G2 740L150X80T40S
	IES data IES file for PL-SKY-G2 765L100X100
	IES data IES file for PL-SKY-G2 765L100X60
	IES data IES file for PL-SKY-G2 765L60X60
	IES data IES file for PL-SKY-G2 765L150X80T40C
	IES data IES file for PL-SKY-G2 765L150X80T40S

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899573710	PL-SKY-G2 730L100X100 W/P	Shipping carton box 12	312 mm x 290 mm x 272 mm	24.61 dm ³	4902.00 g
4052899573734	PL-SKY-G2 730L100X60 W/P	Shipping carton box 12	312 mm x 290 mm x 272 mm	24.61 dm ³	4902.00 g
4052899573758	PL-SKY-G2 730L60X60 W/P	Shipping carton box 12	312 mm x 290 mm x 272 mm	24.61 dm ³	4902.00 g
4052899573772	PL-SKY-G2 730L150X80T40C W/P	Shipping carton box 12	312 mm x 290 mm x 272 mm	24.61 dm ³	4902.00 g
4052899573796	PL-SKY-G2 730L150X80T40S W/P	Shipping carton box 12	312 mm x 290 mm x 272 mm	24.61 dm ³	4902.00 g
4052899573819	PL-SKY-G2 740L100X100 W/P	Shipping carton box 12	312 mm x 290 mm x 272 mm	24.61 dm ³	4902.00 g
4052899573833	PL-SKY-G2 740L100X60 W/P	Shipping carton box 12	312 mm x 290 mm x 272 mm	24.61 dm ³	4902.00 g
4052899573857	PL-SKY-G2 740L60X60 W/P	Shipping carton box 12	312 mm x 290 mm x 272 mm	24.61 dm ³	4902.00 g
4052899573871	PL-SKY-G2 740L150X80T40C W/P	Shipping carton box 12	312 mm x 290 mm x 272 mm	24.61 dm ³	4902.00 g
4052899573895	PL-SKY-G2 740L150X80T40S W/P	Shipping carton box 12	312 mm x 290 mm x 272 mm	24.61 dm ³	4902.00 g
4052899573918	PL-SKY-G2 765L100X100 W/P	Shipping carton box 12	312 mm x 290 mm x 272 mm	24.61 dm ³	4902.00 g
4052899573932	PL-SKY-G2 765 L 100x60 W/P	Shipping carton box 12	312 mm x 290 mm x 272 mm	24.61 dm ³	4902.00 g
4052899573956	PL-SKY-G2 765L60X60 W/P	Shipping carton box 12	312 mm x 290 mm x 272 mm	24.61 dm ³	4902.00 g

Product family datasheet

Logistical Data

4052899573970	PL-SKY-G2 765L150X80T40C W/P	Shipping carton box 12	312 mm x 290 mm x 272 mm	24.61 dm ³	4902.00 g
4052899573994	PL-SKY-G2 765L150X80T40S W/P	Shipping carton box 12	312 mm x 290 mm x 272 mm	24.61 dm ³	4902.00 g
4052899574014	PL-SKY-G2 840L100X100 W/P	Shipping carton box 12	312 mm x 290 mm x 272 mm	24.61 dm ³	4902.00 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.