

VOLTANA EVO 1

5294

Optic	5294
Protector	Integrated lenses
Source	16 Osram OSOLON SQUARE GIANT
Matrix	481252



Characteristics

416	170	104	2.8	IP 66	IK 10	I EU, II EU	0.013
Length (mm)	Width (mm)	Height (mm)	Weight (kg)	Tightness level*	Impact resistance*	Electrical class*	CxS (m²)

* According to IEC-EN60598 and IEC-EN62262

Features

The compact, cost-effective LED solution for your urban spaces

- Cost-effective and efficient lighting solution for a fast return on investment
- Compact design
- ProFlex™ photometric engines offering high efficiency lighting, comfort and safety
- Adjustable inclination on-site
- Side-entry and post-top (with accessory) mounting

Types of application

- Square and park
- Car park
- Bike path
- Urban road

Information for 1000 lm matrix

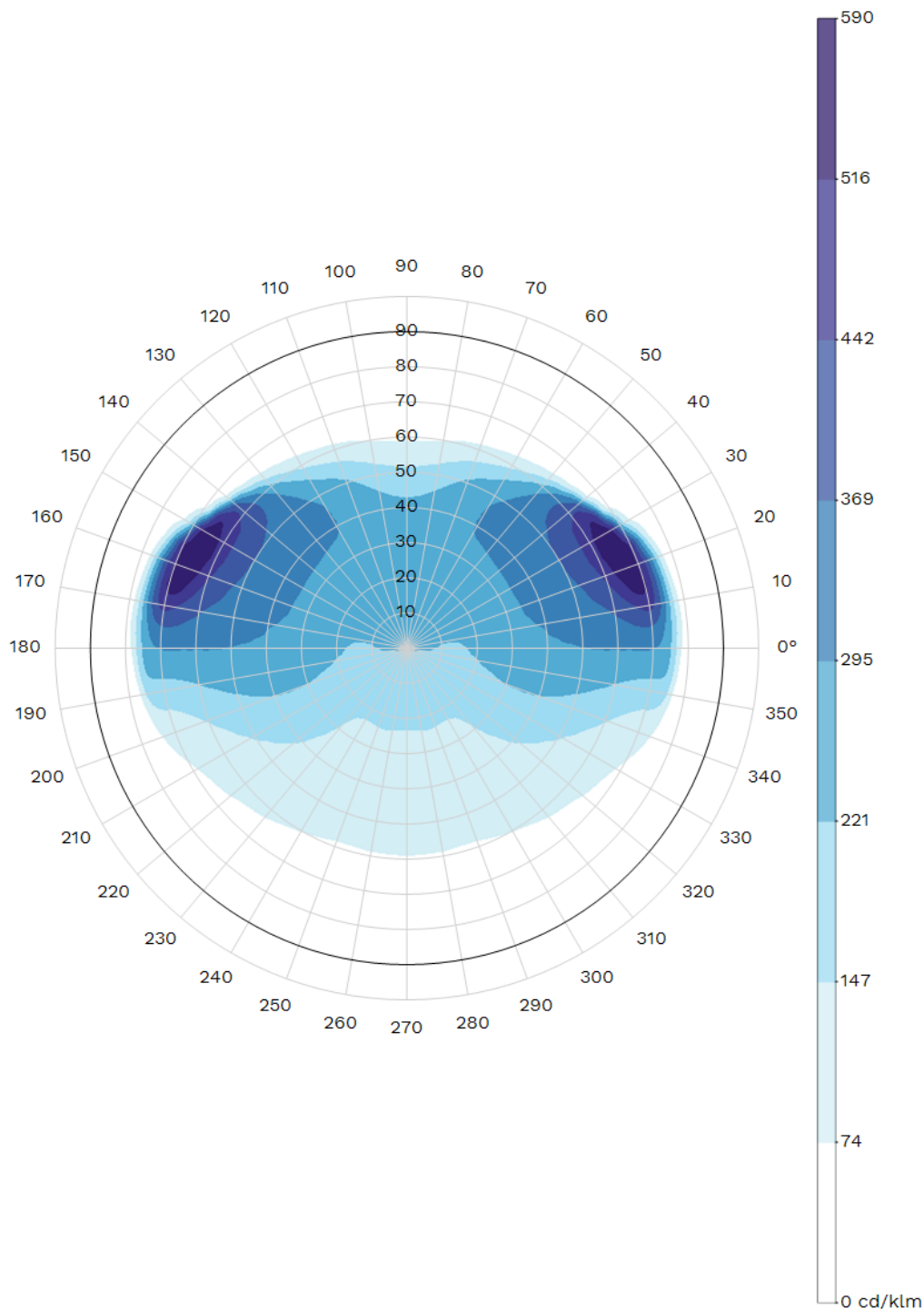
Efficacy (%)	92.0	G Class (EN 13201-2)	G3	I 70-80-90-95 (cd)	534 - 32 - X - X
DLOR (%)	92.0	G* (EN 13201 2015)	G*3	CIE flux code N 1→5 (%)	38.0 - 75.0 - 98.1 - 100.0 - 92.0
ULOR (%)	0.0	Imax (cd)	590	Gradient 90°	11cd
ULR (%)	0.0	Aperture 0-180°	51 - 51	Gradient 270°	7cd
Incl ULR 4%	-40/37°	Aperture 90-270°	X - X		

Photometrical characteristics

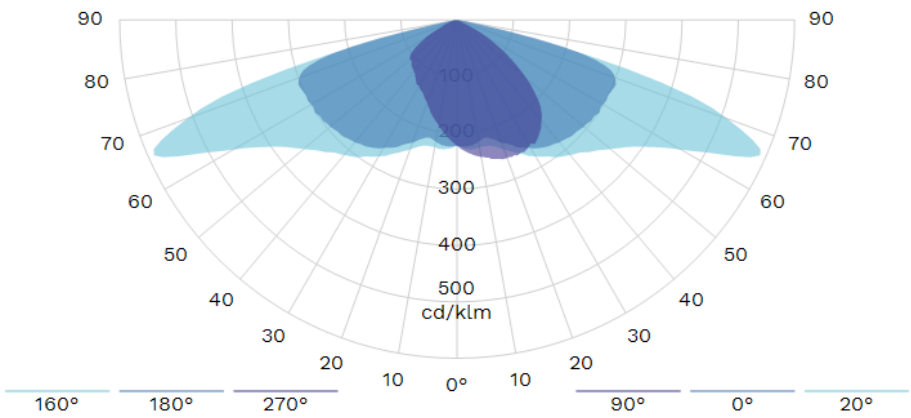
LED count	Colour code	Current (mA)	Luminaire power (W)	Source flux (lm)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)	Peak (cd)	BUG Rating	Voltage (V)
			Ambient temp = 25°						
16	NW 740	200	11	1859	1711	156	1096	B1 U0 G1	230
16	NW 740	350	18	3104	2856	159	1830	B1 U0 G1	230
16	NW 740	500	26	4256	3916	151	2509	B1 U0 G1	230
16	NW 740	700	38	5655	5204	137	3335	B1 U0 G1	230
16	NW 740	1050	56	7717	7100	127	4550	B2 U0 G2	230
16	NW 740	1200	62	8449	7774	125	4982	B2 U0 G2	230
16	WW 730	200	11	1639	1508	137	966	B1 U0 G1	230
16	WW 730	350	18	2736	2517	140	1613	B1 U0 G1	230
16	WW 730	500	26	3751	3451	133	2212	B1 U0 G1	230
16	WW 730	700	38	4985	4587	121	2940	B1 U0 G1	230
16	WW 730	1050	56	6802	6258	112	4011	B2 U0 G1	230
16	WW 730	1200	62	7447	6852	111	4392	B2 U0 G2	230

Tolerance on flux +- 7% - Tolerance on power +- 5%

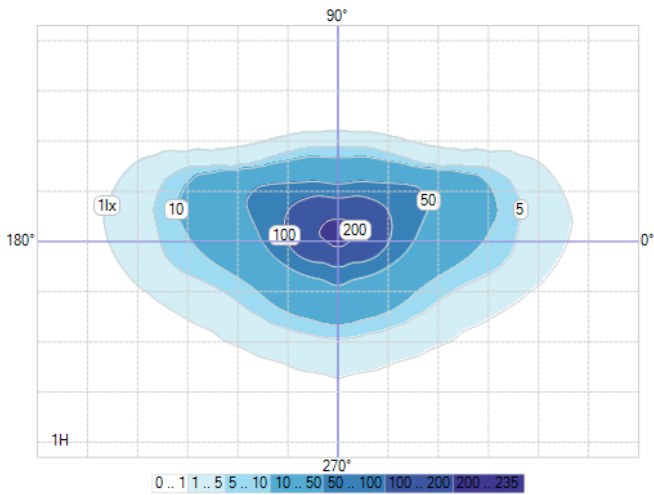
Hypergon view



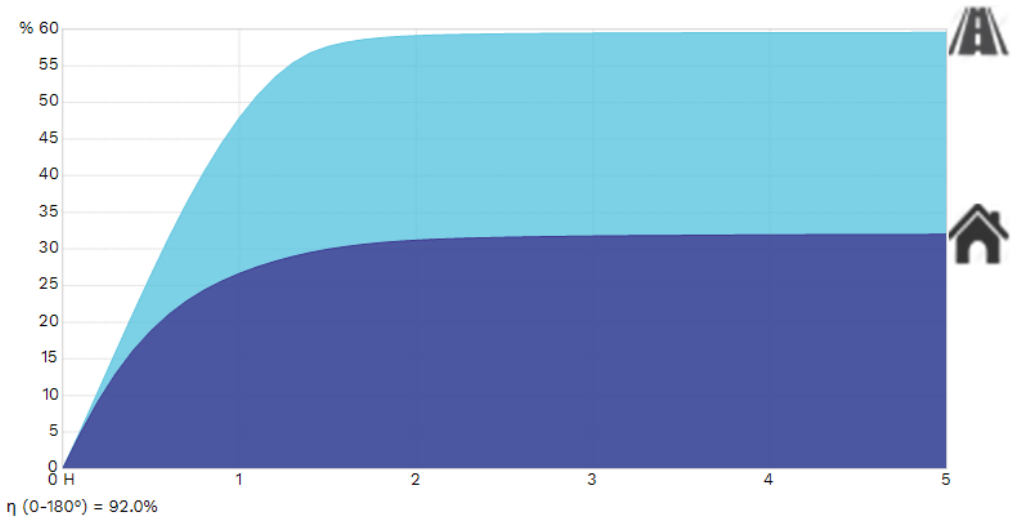
Polar/Cartesian diagram



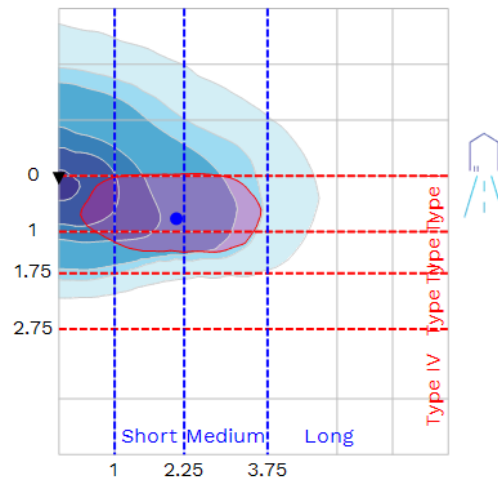
Isolux



K-Curve

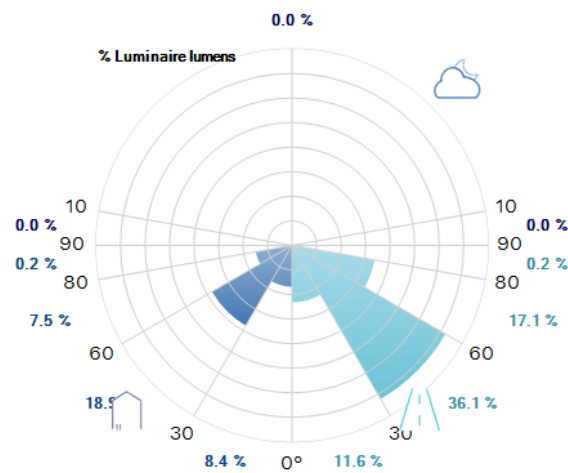


IES Roadway Classification / Nema Classification

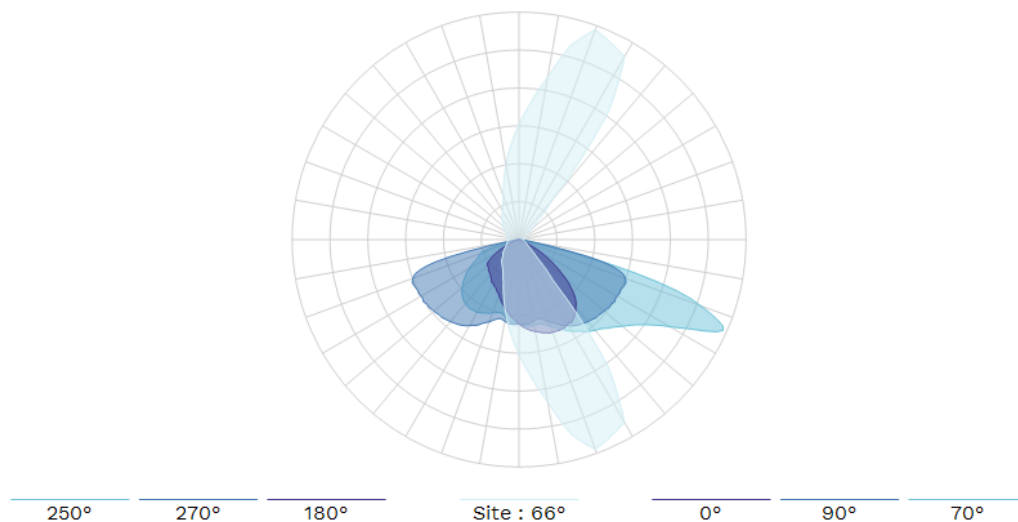


II - Short

Luminaire classification system (LCS)



Intensity diagram in max Cone and in CPlane



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