

# VOLTANA EVO 1

## 5270

<b>Optic</b>	5270
<b>Protector</b>	Integrated lenses
<b>Source</b>	16 Osram OSOLON SQUARE GIANT
<b>Matrix</b>	481232



## Characteristics

416	170	104	2.8	IP 66	IK 09	I EU, II EU	0.013
Length (mm)	Width (mm)	Height (mm)	Weight (kg)	Tightness level*	Impact resistance*	Electrical class*	CxS (m <sup>2</sup> )

\* 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
- LensoFlex@2 technology offering high performance photometry, comfort and safety

## Types of application

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

## Information for 1000 lm matrix

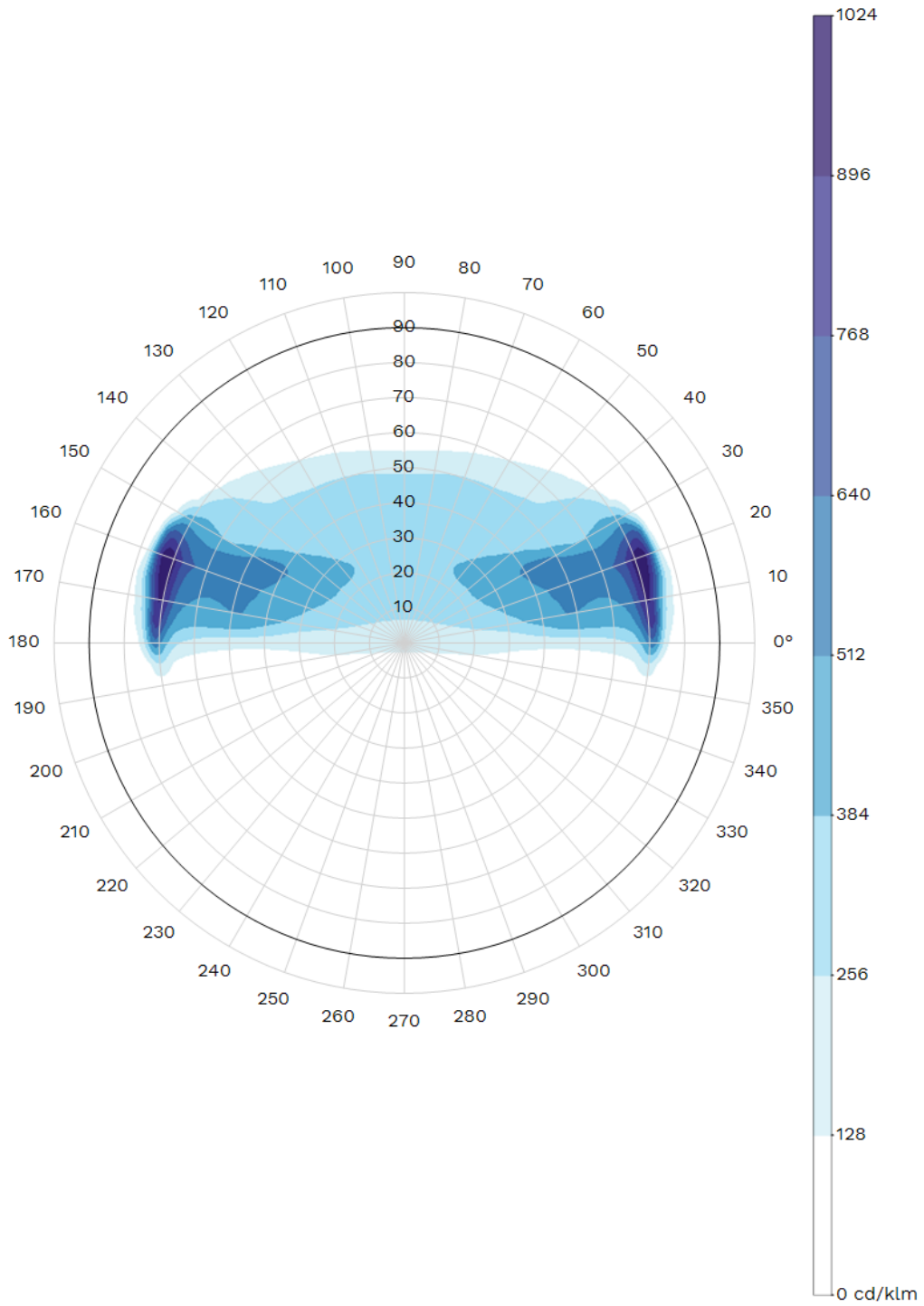
<b>Efficacy (%)</b>	90.7	<b>G Class (EN 13201-2)</b>	G3	<b>I 70-80-90-95 (cd)</b>	963 - 83 - X - X
<b>DLOR (%)</b>	90.7	<b>G* (EN 13201 2015)</b>	G*3	<b>CIE flux code N 1→5 (%)</b>	35.7 - 70.2 - 97.2 - 100.0 - 90.7
<b>ULOR (%)</b>	0.0	<b>Imax (cd)</b>	1024	<b>Gradient 90°</b>	24cd
<b>ULR (%)</b>	0.0	<b>Aperture 0-180°</b>	69 - 69	<b>Gradient 270°</b>	13cd
<b>Incl ULR 4%</b>	-41/34°	<b>Aperture 90-270°</b>	X - X		

## Photometrical characteristics

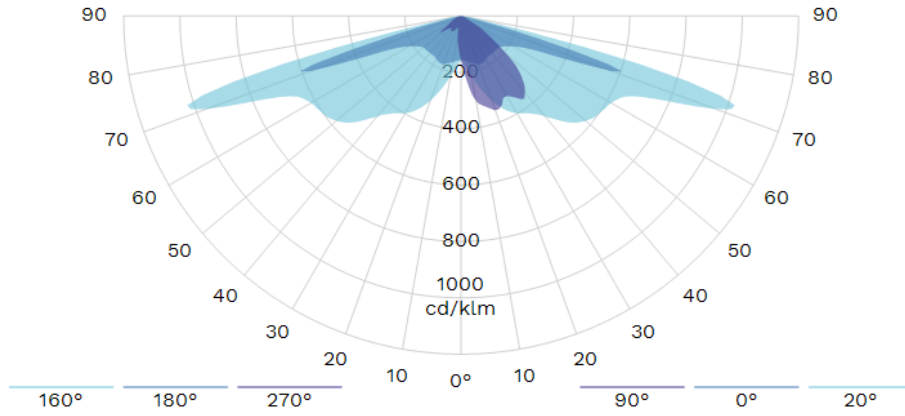
LED count	Colour code	Current (mA)	Luminaire power (W)	Source flux (lm)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)	Peak (cd)	BUG Rating	Voltage (V)
			Ambient temp = 25°						
16	NW 740	200	12	1859	1687	141	1904	B0 U0 G0	230
16	NW 740	350	19	3104	2816	156	3178	B1 U0 G1	230
16	NW 740	500	26	4256	3861	149	4357	B1 U0 G1	230
16	NW 740	700	36	5655	5131	143	5790	B1 U0 G1	230
16	NW 740	1050	54	7717	7001	130	7900	B1 U0 G1	230
16	NW 740	1200	62	8449	7665	124	8650	B1 U0 G2	230
16	WW 730	200	12	1639	1487	124	1678	B0 U0 G0	230
16	WW 730	350	19	2736	2482	138	2801	B1 U0 G1	230
16	WW 730	500	26	3751	3403	131	3840	B1 U0 G1	230
16	WW 730	700	36	4985	4523	126	5104	B1 U0 G1	230
16	WW 730	1050	54	6802	6171	114	6964	B1 U0 G1	230
16	WW 730	1200	62	7447	6757	109	7625	B1 U0 G1	230

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

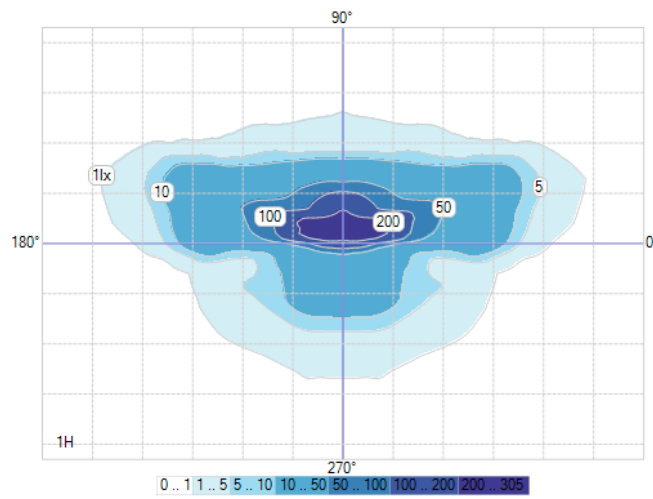
Hypergon view



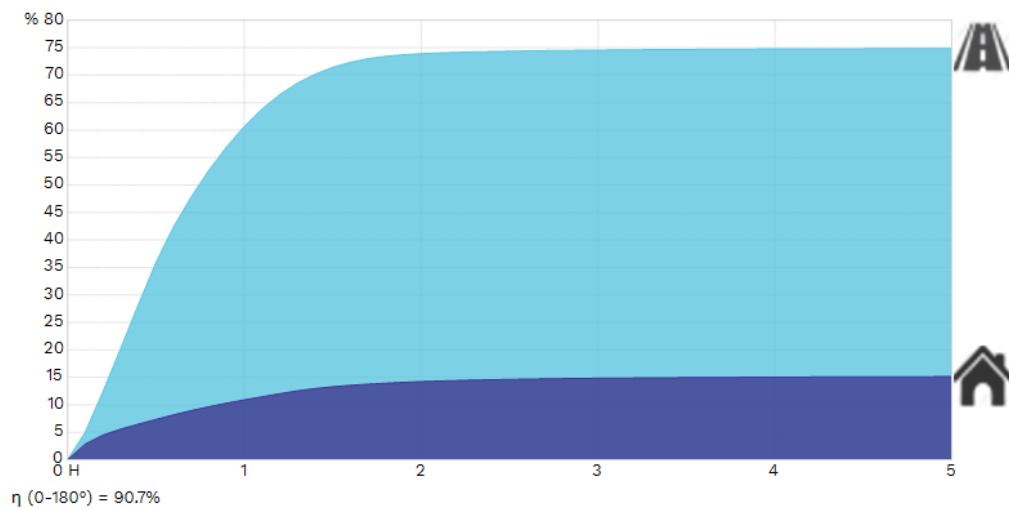
Polar/Cartesian diagram



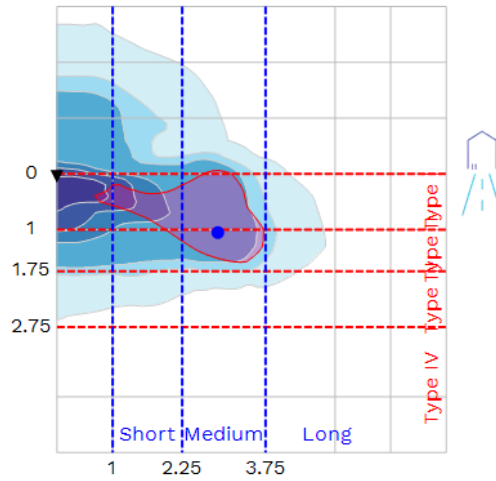
Isolux



K-Curve

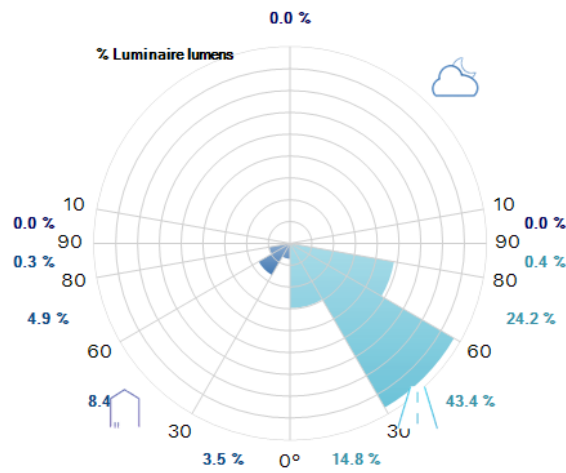


IES Roadway Classification / Nema Classification

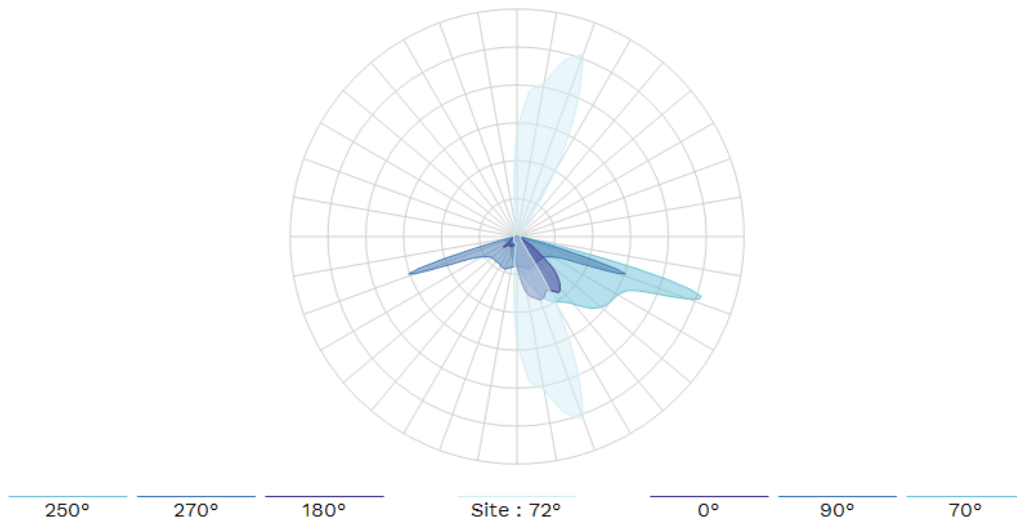


II - Medium

Luminaire classification system (LCS)



Intensity diagram in max Cone and in CPlane



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