

# VOLTANA EVO 1

## 5270

<b>Optic</b>	5270
<b>Protector</b>	Integrated lenses
<b>Source</b>	8 Osram OSOLON SQUARE GIANT
<b>Matrix</b>	481232



### 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 (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

### Types of application

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

### Information for 1000 lm matrix

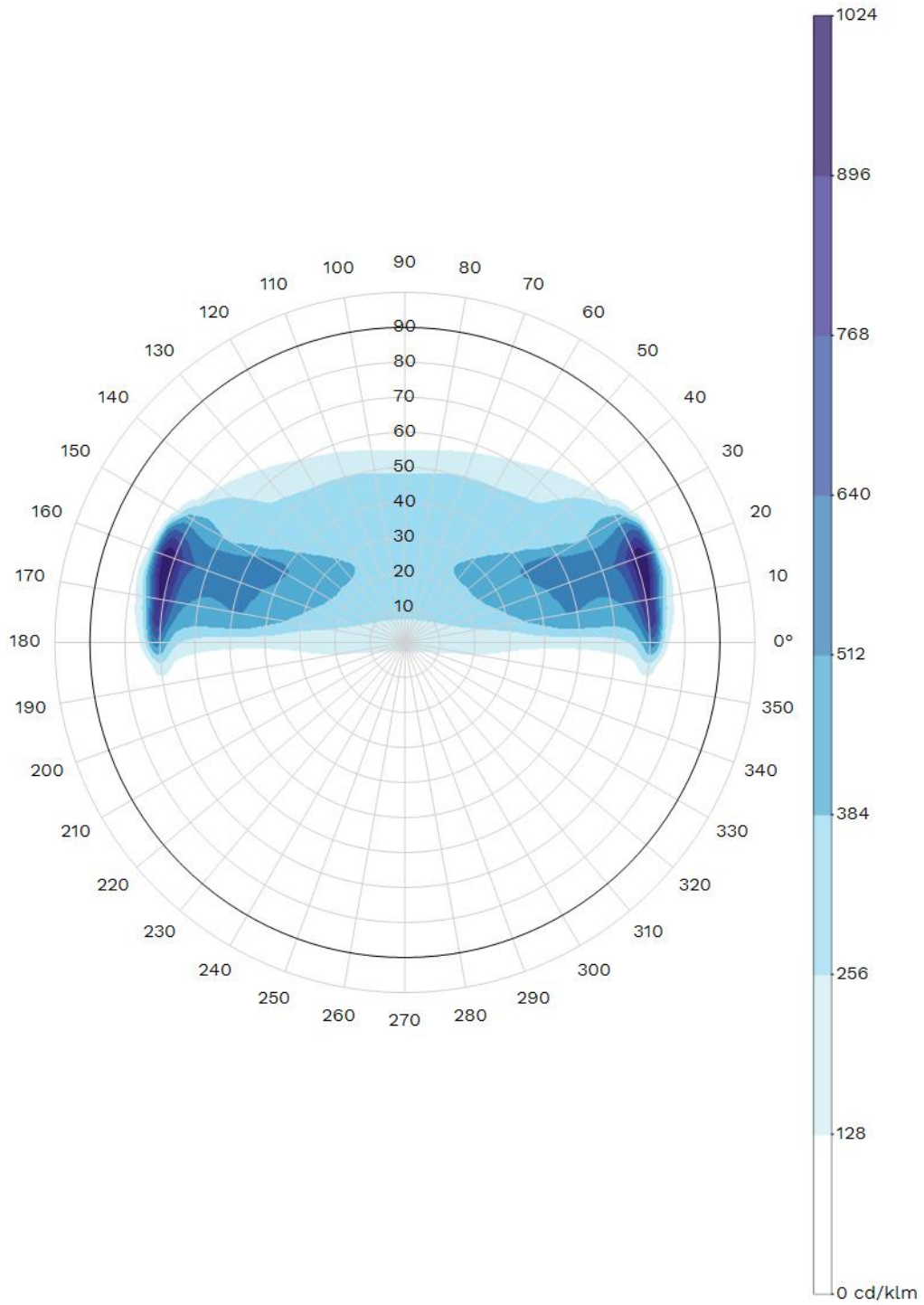
<b>Efficacy (%)</b>	90.7	<b>G Class (EN 13201-2)</b>	G3	<b>I 70-80-90-95 (cd)</b>	963 - 83 - X - X
<b>DLOR (%)</b>	90.7	<b>G* (EN 13201 2015)</b>	G*3	<b>CIE flux code N 1→5 (%)</b>	35.7 - 70.2 - 97.2 - 100.0 - 90.7
<b>ULOR (%)</b>	0.0	<b>Imax (cd)</b>	1024	<b>Gradient 90°</b>	24cd
<b>ULR (%)</b>	0.0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

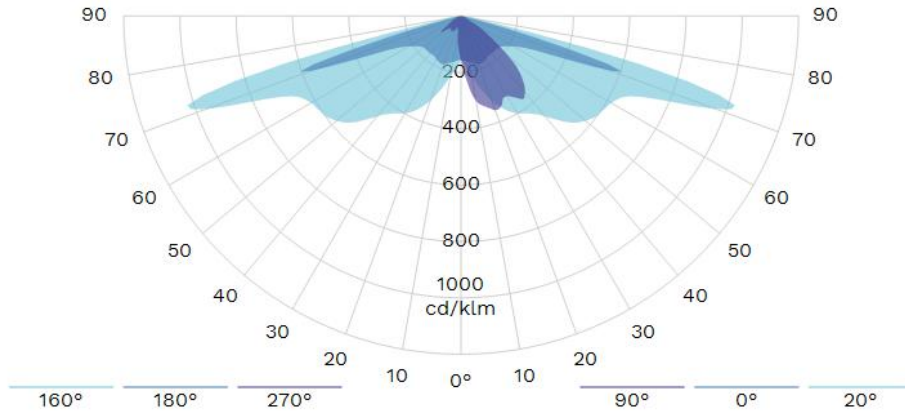
LED count	Colour code	Current (mA)	Luminaire power (W)	Source flux (lm)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)	Peak (cd)	BUG Rating	Voltage (V)
Ambient temp = 25°									
8	NW 740	200	6	930	843	141	952	B0 U0 G0	230
8	NW 740	350	10	1552	1408	141	1589	B0 U0 G0	230
8	NW 740	500	13	2128	1930	148	2178	B0 U0 G0	230
8	NW 740	700	18	2828	2565	143	2895	B1 U0 G1	230
8	NW 740	1050	28	3858	3500	125	3950	B1 U0 G1	230
8	NW 740	1250	36	4336	3934	109	4440	B1 U0 G1	230
8	NW 740	1400	40	4644	4213	105	4754	B1 U0 G1	230
8	WW 730	200	6	819	743	124	839	B0 U0 G0	230
8	WW 730	350	10	1368	1241	124	1401	B0 U0 G0	230
8	WW 730	500	13	1876	1702	131	1920	B0 U0 G0	230
8	WW 730	700	18	2492	2261	126	2552	B1 U0 G1	230
8	WW 730	1050	28	3401	3085	110	3482	B1 U0 G1	230
8	WW 730	1250	36	3822	3468	96	3913	B1 U0 G1	230
8	WW 730	1400	40	4093	3713	93	4191	B1 U0 G1	230

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

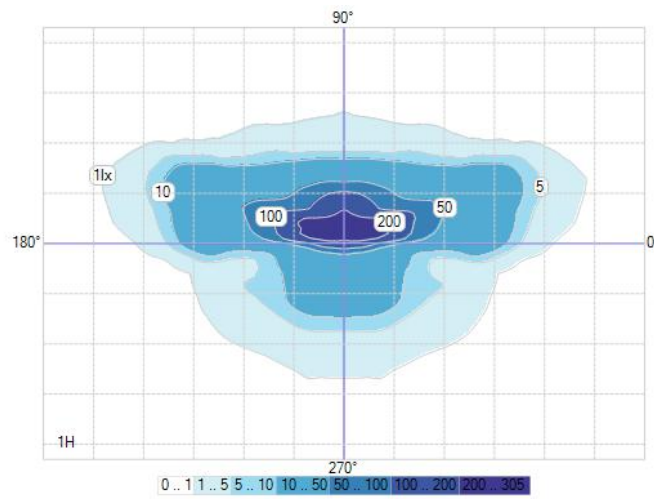
Hypergon view



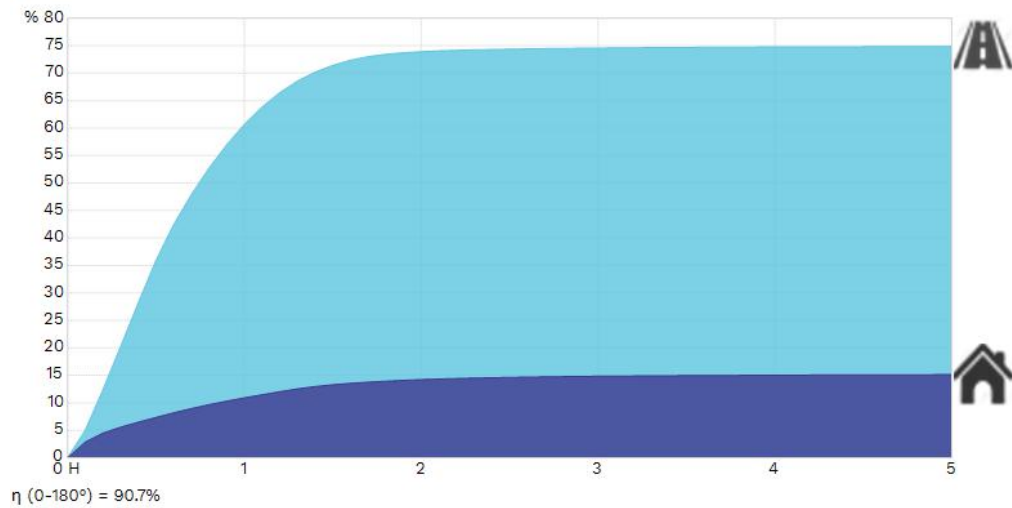
Polar/Cartesian diagram



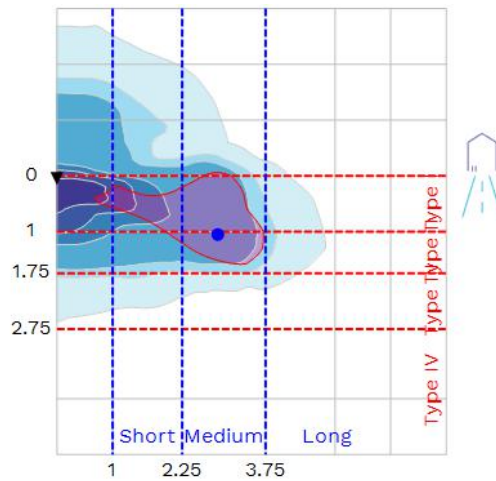
Isolux



K-Curve

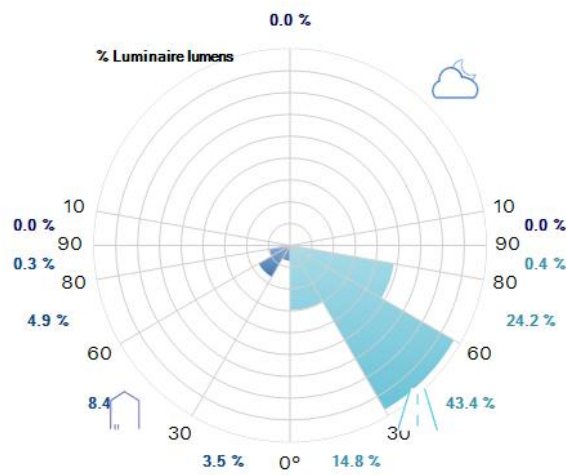


IES Roadway Classification / Nema Classification

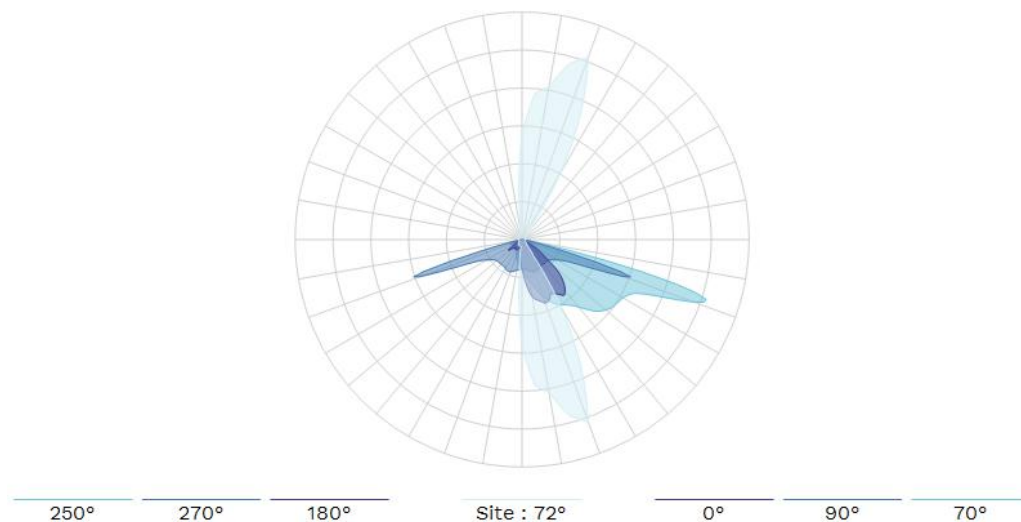


II - Medium

Luminaire classification system (LCS)



Intensity diagram in max Cone and in CPlane



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