

VOLTANA EVO 1

5136

Optic	5136
Protector	Flat glass
Source	8 Samsung LH351C
Matrix	425502



Characteristics

416	156	91	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
- 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

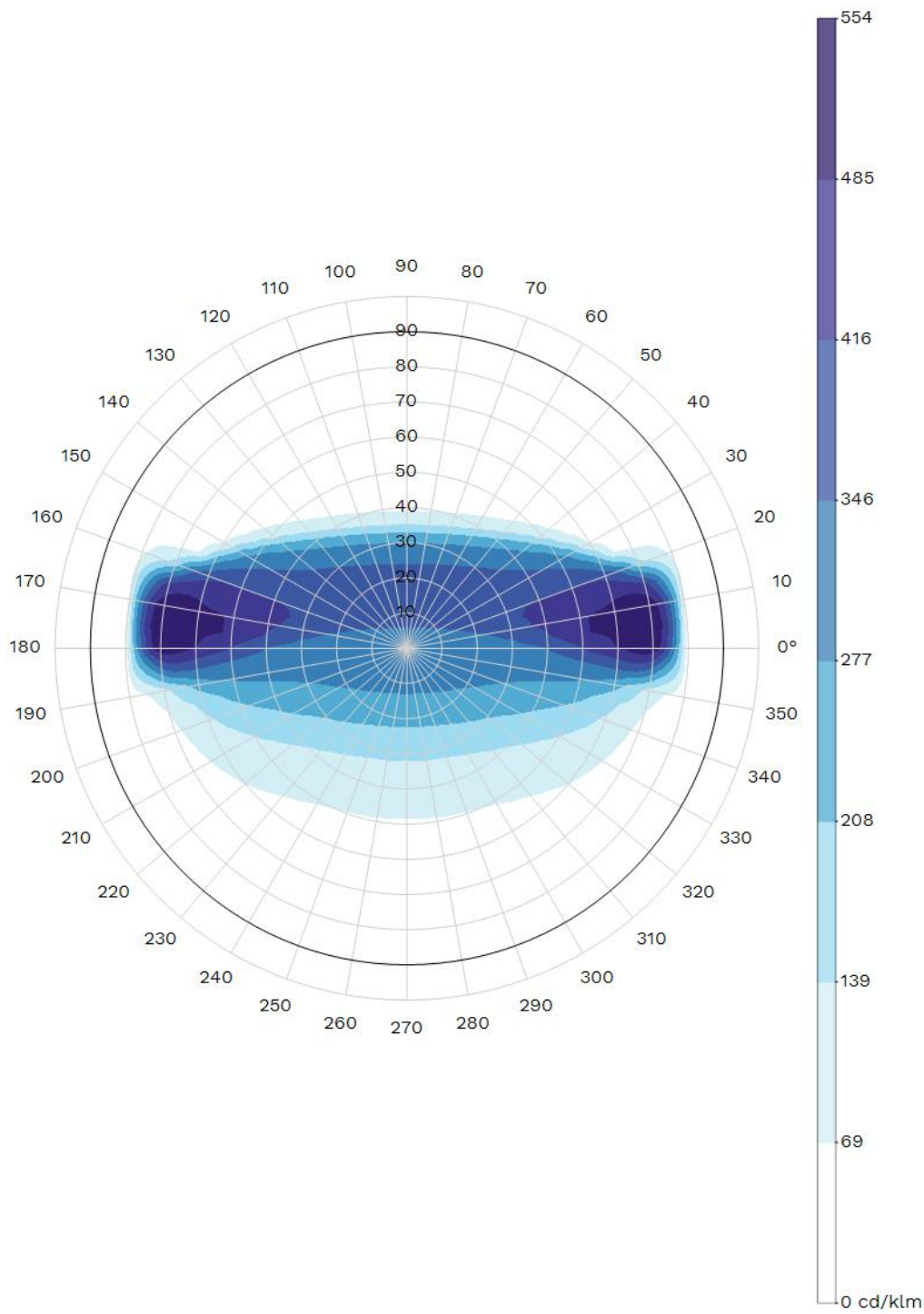
Efficacy (%)	86.5	G Class (EN 13201-2)	G3	I 70-80-90-95 (cd)	550 - 98 - X - X
DLOR (%)	86.5	G* (EN 13201 2015)	G*2	CIE flux code N 1→5 (%)	50.4 - 79.8 - 97.6 - 100.0 - 86.5
ULOR (%)	0.0	Imax (cd)	554	Gradient 90°	34cd
ULR (%)	0.0	Aperture 0-180°	77 - 77	Gradient 270°	10cd
Incl ULR 4%	-45/45°	Aperture 90-270°	30 - 13		

Photometrical characteristics

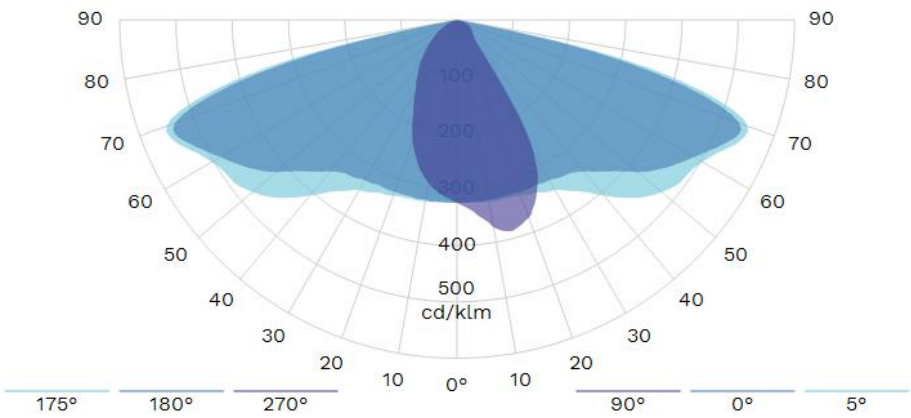
LED count	Colour code	Current (mA)	Luminaire power (W)	Source flux (lm)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)	Peak (cd)	BUG Rating	Voltage (V)
			Ambient temp = 25°						
8	NW 740	200	7	933	807	115	517	B0 U0 G0	230
8	NW 740	300	9	1361	1178	131	754	B1 U0 G0	230
8	NW 740	400	12	1767	1529	127	979	B1 U0 G0	230
8	NW 740	500	14	2154	1864	133	1194	B1 U0 G1	230
8	NW 740	600	17	2520	2180	128	1396	B1 U0 G1	230
8	NW 740	700	20	2866	2480	124	1588	B1 U0 G1	230
8	NW 740	800	22	3192	2762	126	1769	B1 U0 G1	230
8	NW 740	900	25	3497	3026	121	1937	B1 U0 G1	230
8	NW 740	1000	28	3782	3273	117	2096	B1 U0 G1	230
8	NW 740	1400	41	4718	4083	102	2614	B2 U0 G1	230
8	WW 730	200	7	881	762	109	488	B0 U0 G0	230
8	WW 730	300	9	1285	1112	124	712	B1 U0 G0	230
8	WW 730	400	12	1668	1443	120	924	B1 U0 G0	230
8	WW 730	500	14	2034	1760	126	1127	B1 U0 G1	230
8	WW 730	600	17	2378	2058	121	1318	B1 U0 G1	230
8	WW 730	700	20	2705	2341	117	1499	B1 U0 G1	230
8	WW 730	800	22	3013	2607	119	1670	B1 U0 G1	230
8	WW 730	900	25	3300	2856	114	1829	B1 U0 G1	230
8	WW 730	1000	28	3570	3089	110	1978	B1 U0 G1	230
8	WW 730	1400	41	4453	3853	96	2468	B1 U0 G1	230

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

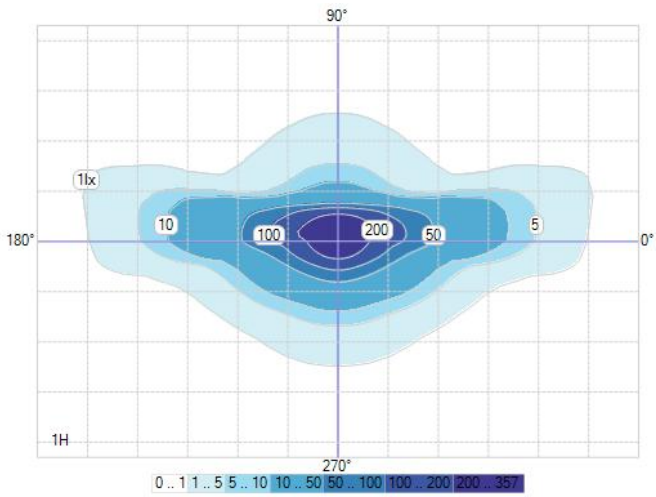
Hypergon view



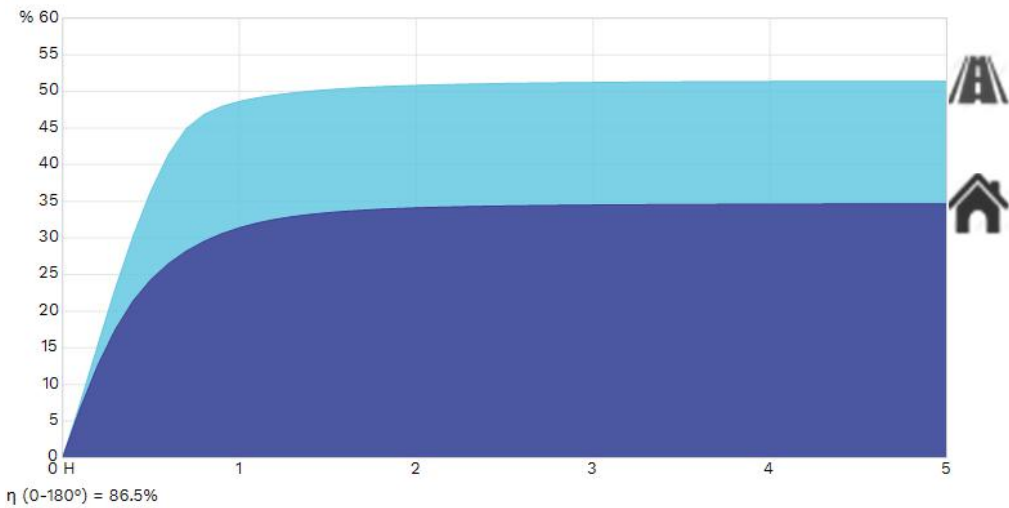
Polar/Cartesian diagram



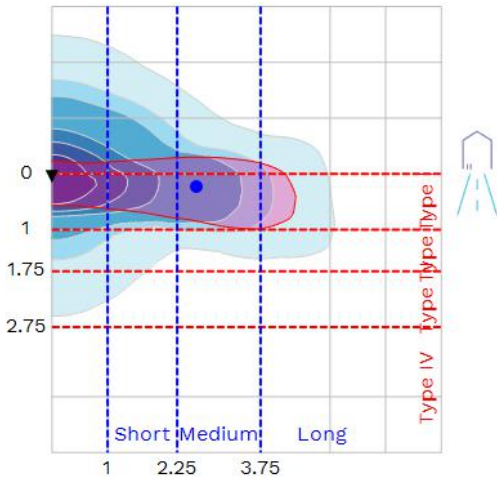
Isolux



K-Curve

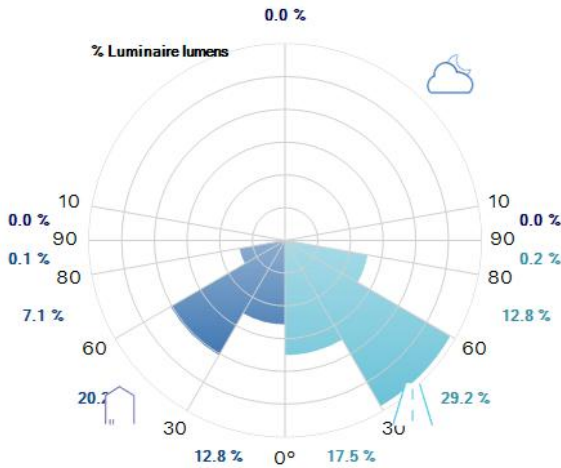


IES Roadway Classification / Nema Classification

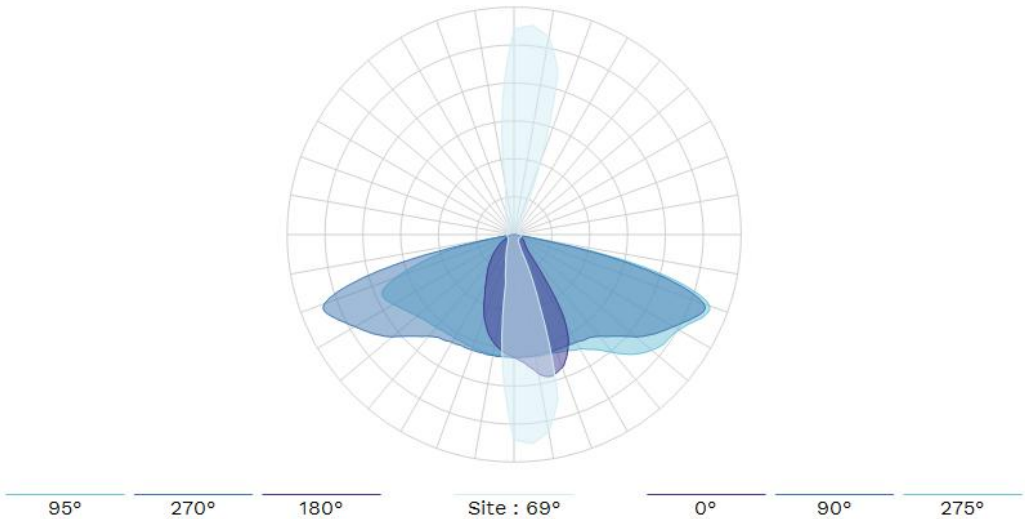


I - Medium

Luminaire classification system (LCS)



Intensity diagram in max Cone and in CPlane



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