11/09/2022

Schréder
Experts in lightability™

VOLTANA EVO 1

5296

Digitally signed by Galciuc Igor
Date: 2022.09.15 09:16:59 EEST
Reason: MoldSign Signature
Location: Moldova

Optic	5296
Protector	Integrated lenses
Source	8 Osram OSLON SQUARE GIANT
Matrix	481272

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 (%)	89.3
DLOR (%)	89.3
ULOR (%)	0.0
ULR (%)	0.0
Incl ULR 4%	-42/42°

G Class (EN 13201-2)	G3
G* (EN 13201 2015)	G*3
Imax (cd)	1088
Aperture 0-180°	64 - 64
Aperture 90-270°	X - X

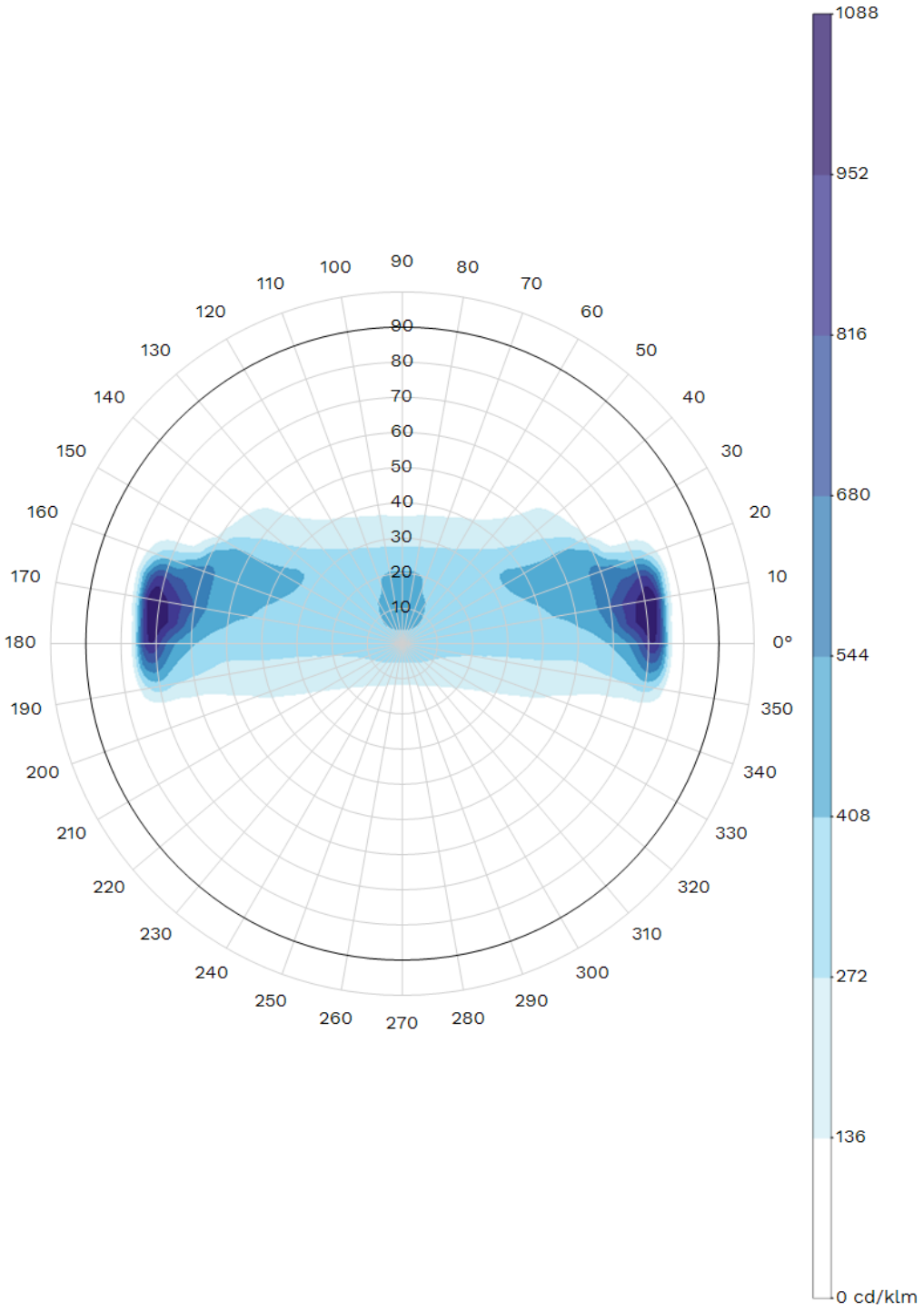
I 70-80-90-95 (cd)	1082 - 35 - X - X
CIE flux code N 1→5 (%)	40.9 - 70.6 - 97.3 - 100.0 - 89.3
Gradient 90°	28cd
Gradient 270°	31cd

Photometrical characteristics

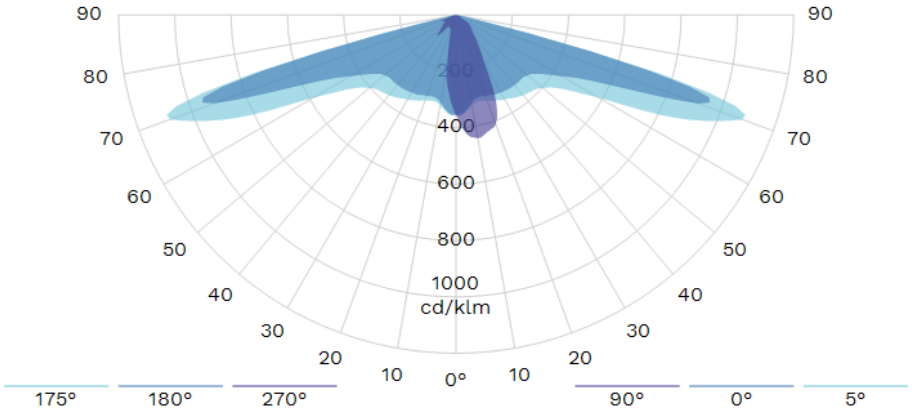
LED count	Colour code	Current (mA)	Luminaire power (W)	Source flux (lm)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)	Peak (cd)	BUG Rating	Voltage (V)
			Ambient temp = 25°						
8	NW 740	200	6	930	830	138	1012	B0 U0 G0	230
8	NW 740	350	10	1552	1386	139	1689	B1 U0 G1	230
8	NW 740	500	13	2128	1901	146	2316	B1 U0 G1	230
8	NW 740	700	18	2828	2526	140	3078	B1 U0 G1	230
8	NW 740	1050	28	3858	3446	123	4199	B1 U0 G1	230
8	NW 740	1250	36	4336	3873	108	4719	B1 U0 G1	230
8	NW 740	1400	40	4644	4148	104	5054	B1 U0 G1	230
8	WW 730	200	6	819	732	122	892	B0 U0 G0	230
8	WW 730	350	10	1368	1222	122	1489	B1 U0 G1	230
8	WW 730	500	13	1876	1675	129	2041	B1 U0 G1	230
8	WW 730	700	18	2492	2226	124	2713	B1 U0 G1	230
8	WW 730	1050	28	3401	3038	109	3701	B1 U0 G1	230
8	WW 730	1250	36	3822	3414	95	4160	B1 U0 G1	230
8	WW 730	1400	40	4093	3656	91	4455	B1 U0 G1	230

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

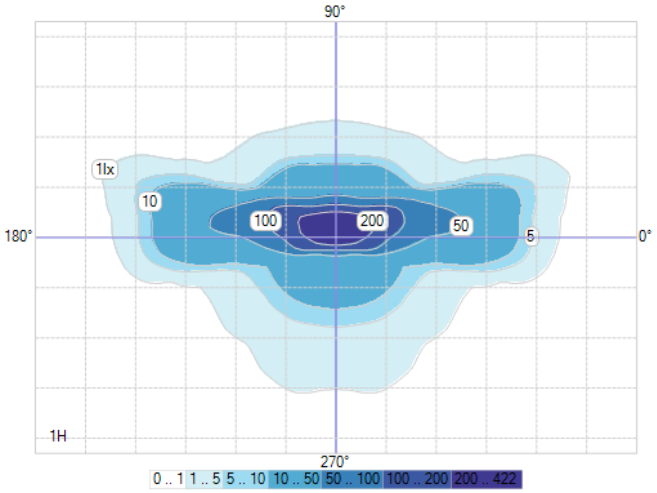
Hypergon view



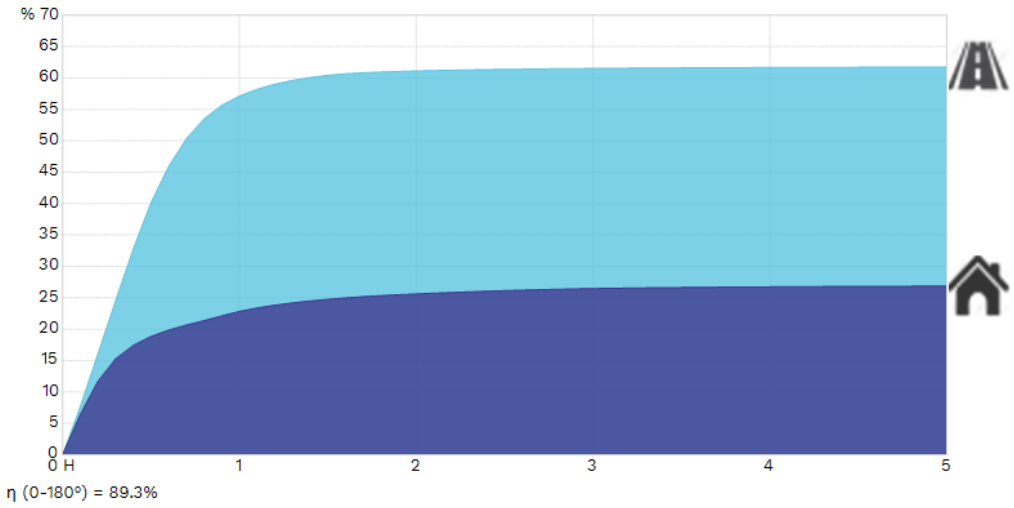
Polar/Cartesian diagram



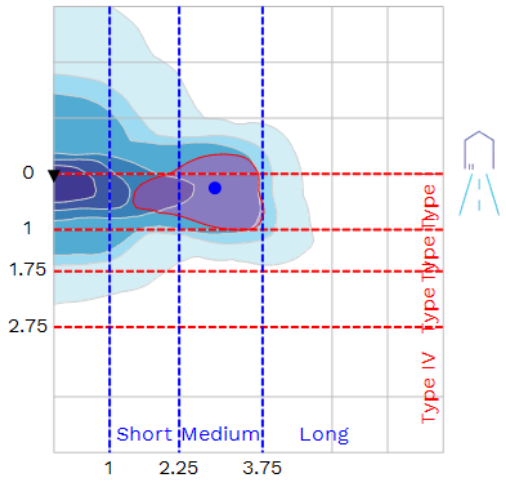
Isolux



K-Curve

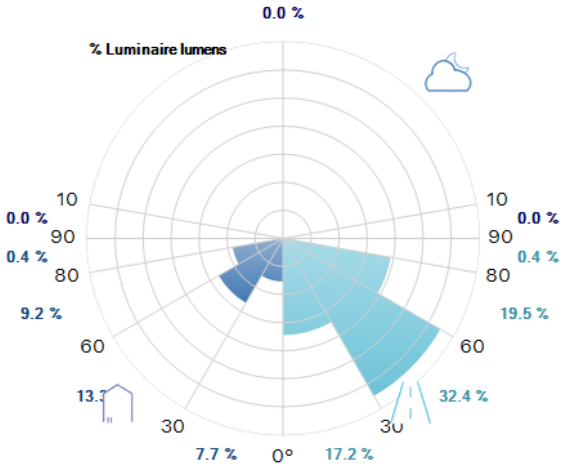


IES Roadway Classification / Nema Classification

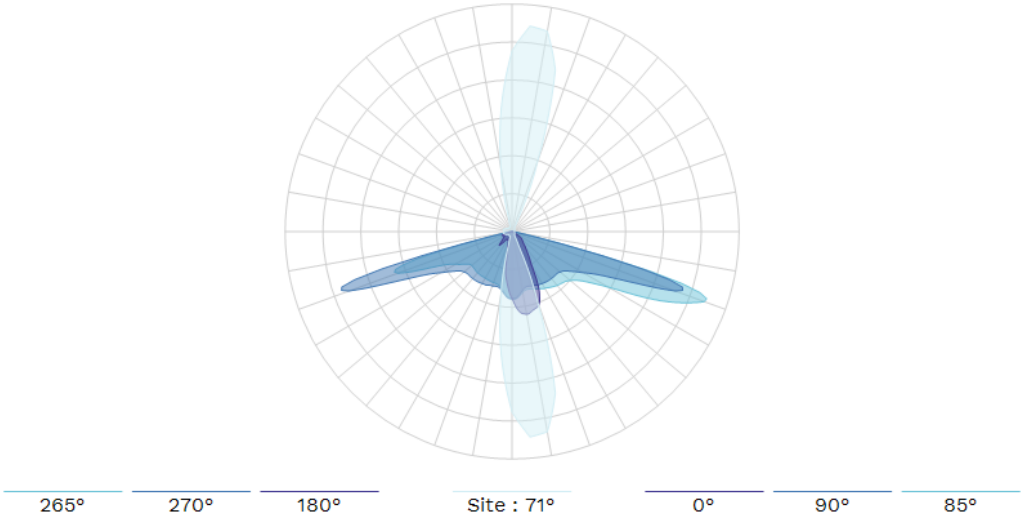


I - Medium

Luminaire classification system (LCS)



Intensity diagram in max Cone and in CPlane



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