

ECOBLAST 3

5360

Optic	5360
Protector	Flat glass
Source	180 Osram OSOLON SQUARE GIANT
Special feature	Anti-reflective glass
Matrix	483142



Characteristics

583	696	360	20.5	IP 66	IK 08	I EU	0.219
Length (mm)	Width (mm)	Height (mm)	Weight (kg)	Tightness level*	Impact resistance*	Electrical class*	CxS (m²)

* According to IEC-EN60598 and IEC-EN62262

Features

Smart modular solution for sports lighting

- Cost-effective and efficient to maximise energy and maintenance savings
- Fully compatible with existing infrastructures (mounting and cabling) in retrofit projects
- Flexibility: modular approach for high-power applications
- Versatile mounting: remote gear box or fixed to the floodlight
- Compliant with international sports federation regulations
- Optimised glare control
- Inclination angle adjustable on-site for each module and/or the complete bracket
- Instant on/off and entertainment mode to create dramatic/theatrical effects

Types of application

- Sports lighting
- Large area
- Flood lighting

Information for 1000 lm matrix

Efficacy (%)	90.1	G Class (EN 13201-2)	G3	I 70-80-90-95 (cd)	43 - 15 - 4 - 4
DLOR (%)	89.9	G* (EN 13201 2015)	G*3	CIE flux code N 1→5 (%)	76.8 - 92.3 - 98.7 - 99.7 - 90.1
ULOR (%)	0.2	Imax (cd)	5518	Gradient 90°	706cd
ULR (%)	0.3	Aperture 0-180°	12 - 12	Gradient 270°	706cd
Incl ULR 4%	-41/41°	Aperture 90-270°	6 - 6		

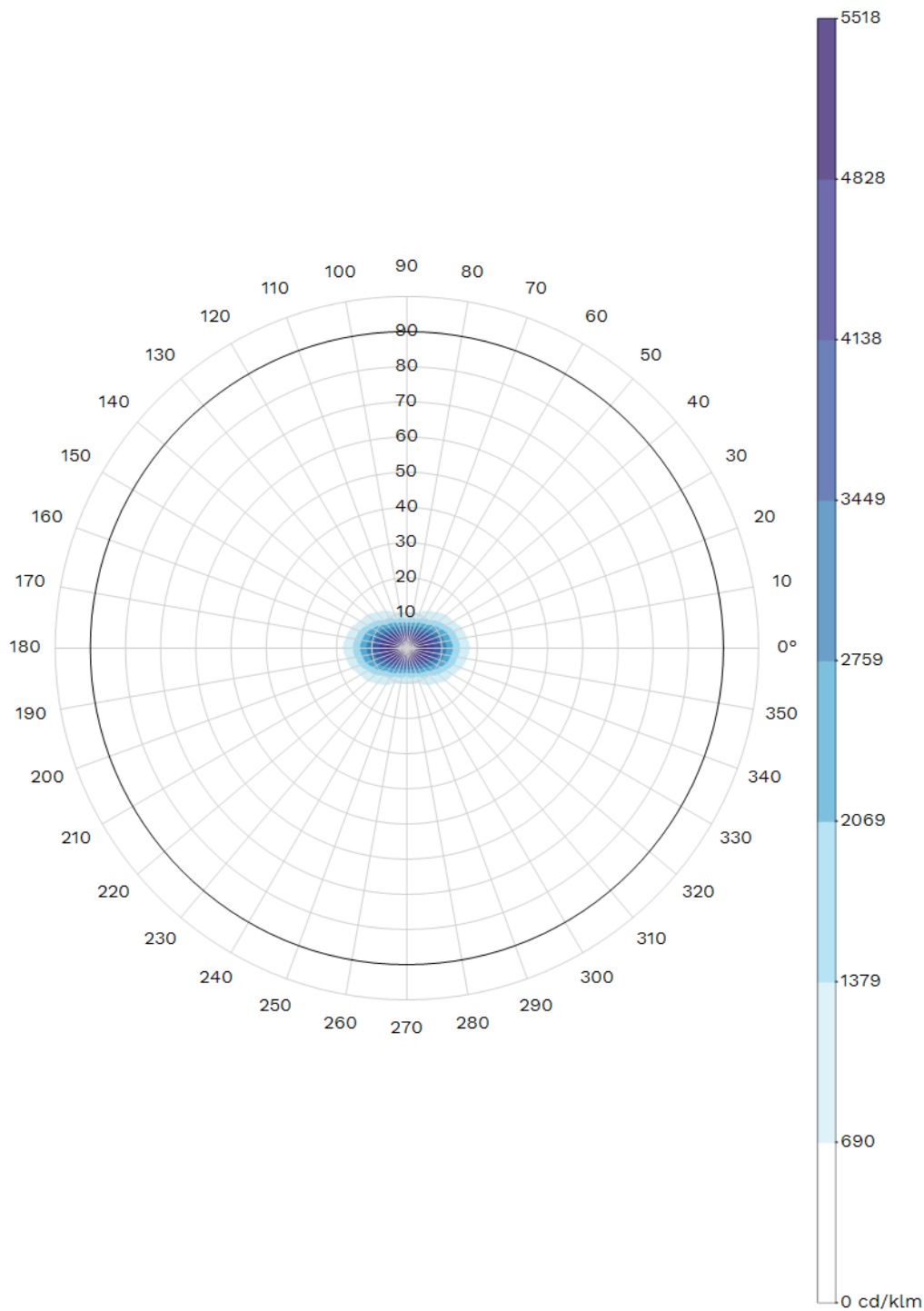
Photometrical characteristics

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°						
180	CW 757	1250	680	97358	87748	129	537209	B4 U3 G4	230
180	CW 757	1300	700	99997	90127	129	551773	B4 U3 G4	230
180	CW 757	1350	730	102468	92354	127	565404	B4 U3 G4	230
180	CW 757	1400	760	104836	94489	124	578475	B4 U3 G4	230
180	CW 757	1450	790	107104	96532	122	590986	B4 U3 G4	230
180	CW 757	1500	810	109303	98515	122	603123	B4 U3 G4	230
180	CW 757	1550	840	111367	100375	119	614513	B4 U3 G4	230
180	CW 757	1600	870	113330	102144	117	625343	B4 U3 G4	230
180	CW 757	1650	890	115225	103852	117	635800	B4 U3 G4	230
180	CW 757	1680	910	116308	104828	115	641775	B4 U3 G4	230
180	CW 857	1250	680	88554	79814	117	488632	B4 U3 G4	230
180	CW 857	1300	700	90955	81978	117	501879	B4 U3 G4	230
180	CW 857	1350	730	93202	84003	115	514277	B4 U3 G4	230
180	CW 857	1400	760	95356	85945	113	526166	B4 U3 G4	230
180	CW 857	1450	790	97419	87803	111	537546	B4 U3 G4	230
180	CW 857	1500	810	99419	89607	111	548585	B4 U3 G4	230
180	CW 857	1550	840	101297	91299	109	558946	B4 U3 G4	230
180	CW 857	1600	870	103082	92908	107	568796	B4 U3 G4	230
180	CW 857	1650	890	104806	94462	106	578307	B4 U3 G4	230
180	CW 857	1680	910	105791	95349	105	583742	B4 U3 G4	230
180	CW 957	1250	680	71465	64411	95	394334	B4 U3 G3	230
180	CW 957	1300	700	73402	66157	95	405025	B4 U3 G3	230
180	CW 957	1350	730	75216	67792	93	415031	B4 U3 G3	230
180	CW 957	1400	760	76954	69359	91	424625	B4 U3 G3	230
180	CW 957	1450	790	78619	70859	90	433809	B4 U3 G4	230
180	CW 957	1500	810	80233	72314	89	442718	B4 U3 G4	230
180	CW 957	1550	840	81748	73680	88	451079	B4 U3 G4	230
180	CW 957	1600	870	83189	74978	86	459029	B4 U3 G4	230
180	CW 957	1650	890	84580	76232	86	466704	B4 U3 G4	230
180	CW 957	1680	910	85375	76949	85	471090	B4 U3 G4	230
180	NW 740	1250	680	100465	90549	133	554354	B4 U3 G4	230
180	NW 740	1300	700	103189	93004	133	569383	B4 U3 G4	230
180	NW 740	1350	730	105738	95301	131	583449	B4 U3 G4	230
180	NW 740	1400	760	108182	97505	128	596937	B4 U3 G4	230
180	NW 740	1450	790	110522	99613	126	609847	B4 U3 G4	230
180	NW 740	1500	810	112792	101659	126	622372	B4 U3 G4	230
180	NW 740	1550	840	114922	103579	123	634125	B4 U3 G4	230
180	NW 740	1600	870	116947	105404	121	645301	B4 U3 G4	230
180	NW 740	1650	890	118903	107167	120	656091	B4 U3 G4	230
180	NW 740	1680	910	120020	108174	119	662257	B4 U3 G4	230
180	NW 840	1250	680	85965	77480	114	474344	B4 U3 G4	230
180	NW 840	1300	700	88295	79581	114	487204	B4 U3 G4	230
180	NW 840	1350	730	90477	81547	112	499240	B4 U3 G4	230

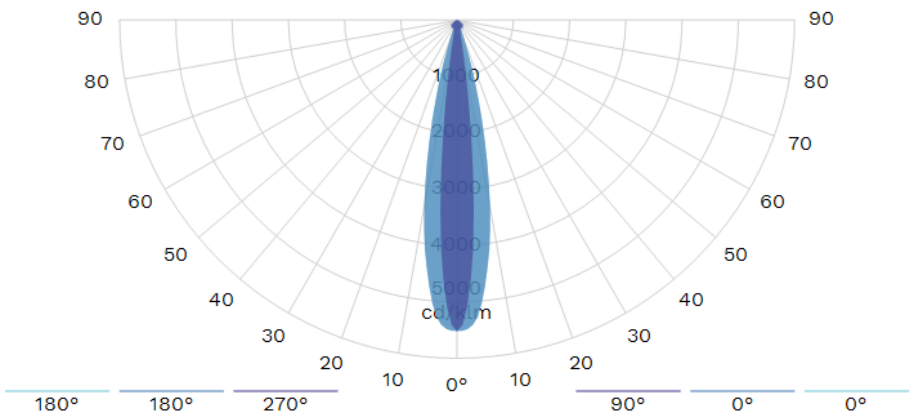
180	NW 840	1400	760	92568	83432	110	510781	B4 U3 G4	230
180	NW 840	1450	790	94570	85236	108	521828	B4 U3 G4	230
180	NW 840	1500	810	96512	86987	107	532545	B4 U3 G4	230
180	NW 840	1550	840	98335	88629	106	542602	B4 U3 G4	230
180	NW 840	1600	870	100068	90191	104	552165	B4 U3 G4	230
180	NW 840	1650	890	101741	91699	103	561398	B4 U3 G4	230
180	NW 840	1680	910	102698	92561	102	566674	B4 U3 G4	230
180	WW 730	1250	680	91661	82614	121	505776	B4 U3 G4	230
180	WW 730	1300	700	94146	84854	121	519489	B4 U3 G4	230
180	WW 730	1350	730	96472	86950	119	532322	B4 U3 G4	230
180	WW 730	1400	760	98702	88960	117	544628	B4 U3 G4	230
180	WW 730	1450	790	100837	90884	115	556407	B4 U3 G4	230
180	WW 730	1500	810	102908	92751	115	567834	B4 U3 G4	230
180	WW 730	1550	840	104851	94502	113	578558	B4 U3 G4	230
180	WW 730	1600	870	106699	96168	111	588754	B4 U3 G4	230
180	WW 730	1650	890	108483	97776	110	598599	B4 U3 G4	230
180	WW 730	1680	910	109503	98695	108	604224	B4 U3 G4	230

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

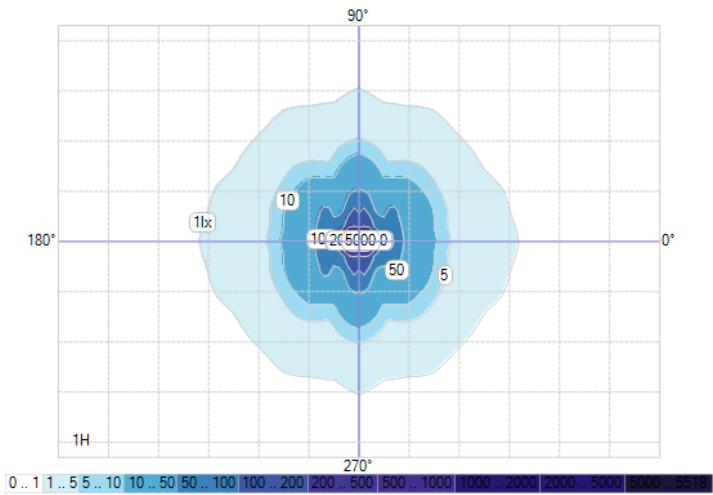
Hypergon view



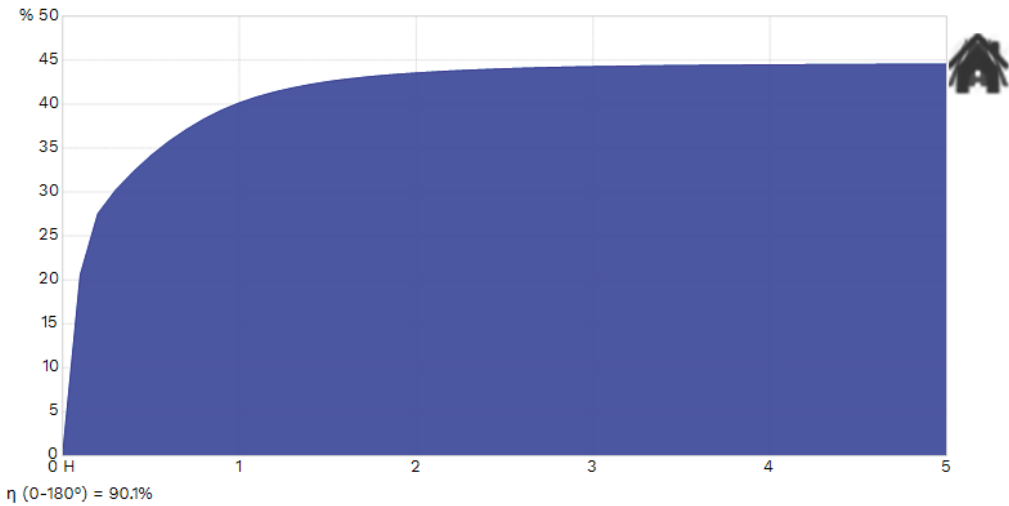
Polar/Cartesian diagram



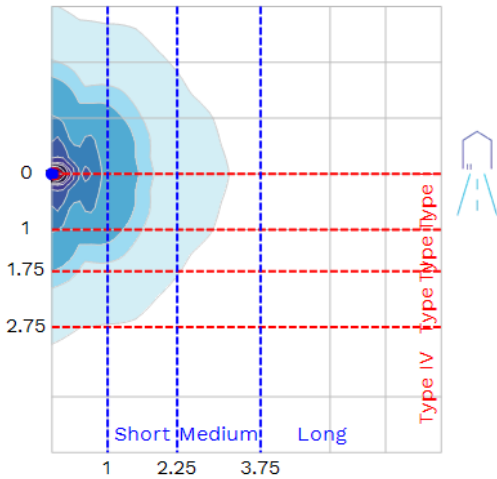
Isolux



K-Curve

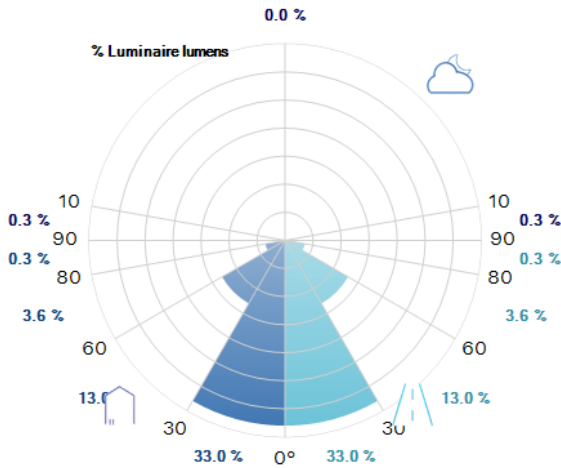


IES Roadway Classification / Nema Classification

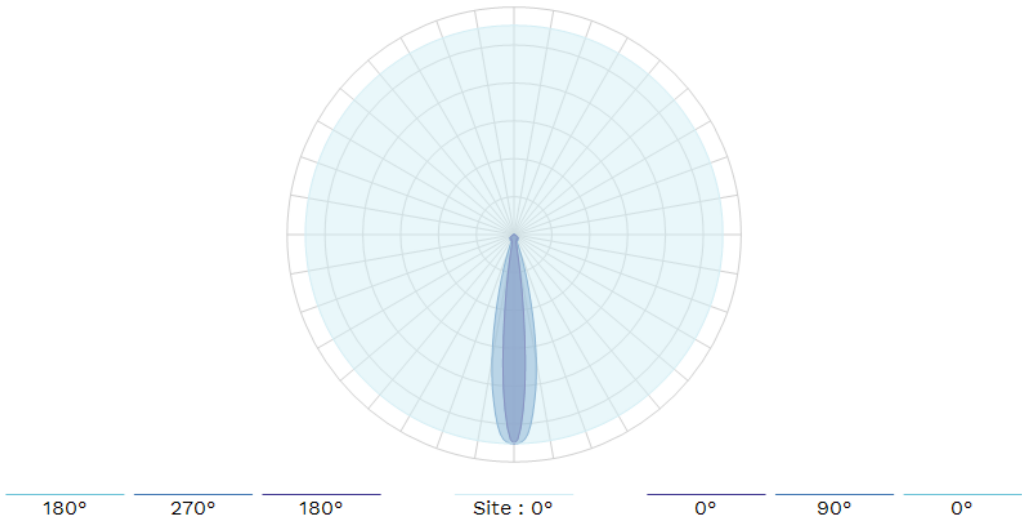


I - VeryShort

Luminaire classification system (LCS)



Intensity diagram in max Cone and in CPlane



Copyright © 2022 Schröder SA. All rights reserved. Specifications are of an indicative nature and subject to change without notice.

<http://www.schreder.com>