

ECOBLAST 4

5355

Optic	5355
Protector	Flat glass
Source	240 Osram OSOLON SQUARE GIANT
Special feature	Anti-reflective glass
Matrix	482992



Characteristics

765	696	346	29.1	IP 66	IK 08	I EU	0.252
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 (%)	85.5	G Class (EN 13201-2)	G3	I 70-80-90-95 (cd)	126 - 22 - 5 - 3
DLOR (%)	85.3	G* (EN 13201 2015)	G*3	CIE flux code N 1→5 (%)	31.1 - 75.4 - 97.9 - 99.7 - 85.5
ULOR (%)	0.3	Imax (cd)	1058	Gradient 90°	200cd
ULR (%)	0.3	Aperture 0-180°	X - X	Gradient 270°	13cd
Incl ULR 4%	-34/26°	Aperture 90-270°	46 - X		

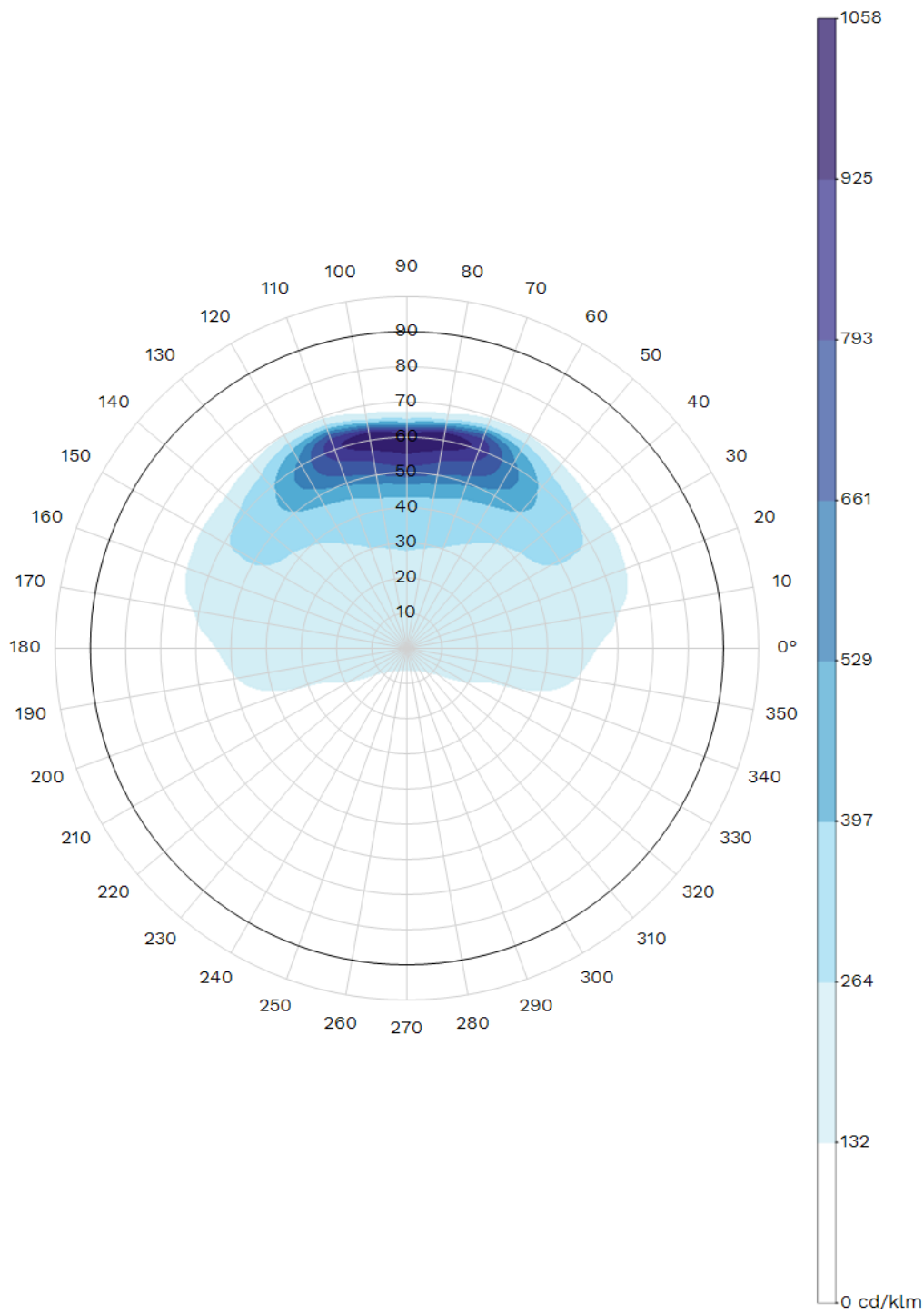
Photometrical characteristics

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°						
240	CW 757	1250	900	129810	111040	123	137277	B4 U3 G4	230
240	CW 757	1300	940	133330	114050	121	140999	B4 U3 G4	230
240	CW 757	1350	980	136623	116868	119	144482	B4 U3 G4	230
240	CW 757	1400	1010	139782	119570	118	147822	B4 U3 G4	230
240	CW 757	1450	1050	142805	122156	116	151019	B4 U3 G4	230
240	CW 757	1500	1080	145738	124664	115	154121	B4 U3 G4	230
240	CW 757	1550	1120	148490	127019	113	157031	B4 U3 G4	230
240	CW 757	1600	1160	151107	129257	111	159799	B4 U3 G4	230
240	CW 757	1650	1190	153634	131419	110	162471	B4 U3 G4	230
240	CW 757	1680	1210	155077	132654	110	163998	B4 U3 G4	230
240	CW 857	1250	900	118072	100999	112	124864	B4 U3 G4	230
240	CW 857	1300	940	121273	103737	110	128249	B4 U3 G4	230
240	CW 857	1350	980	124269	106300	108	131417	B4 U3 G4	230
240	CW 857	1400	1010	127142	108758	108	134455	B4 U3 G4	230
240	CW 857	1450	1050	129892	111110	106	137363	B4 U3 G4	230
240	CW 857	1500	1080	132559	113391	105	140184	B4 U3 G4	230
240	CW 857	1550	1120	135063	115533	103	142832	B4 U3 G4	230
240	CW 857	1600	1160	137443	117569	101	145349	B4 U3 G4	230
240	CW 857	1650	1190	139741	119535	100	147780	B4 U3 G4	230
240	CW 857	1680	1210	141055	120658	100	149168	B4 U3 G4	230
240	CW 957	1250	900	95286	81508	91	100767	B4 U3 G4	230
240	CW 957	1300	940	97870	83718	89	103499	B4 U3 G4	230
240	CW 957	1350	980	100287	85786	88	106056	B4 U3 G4	230
240	CW 957	1400	1010	102606	87769	87	108508	B4 U3 G4	230
240	CW 957	1450	1050	104825	89667	85	110855	B4 U3 G4	230
240	CW 957	1500	1080	106978	91509	85	113131	B4 U3 G4	230
240	CW 957	1550	1120	108998	93237	83	115268	B4 U3 G4	230
240	CW 957	1600	1160	110919	94880	82	117299	B4 U3 G4	230
240	CW 957	1650	1190	112774	96467	81	119261	B4 U3 G4	230
240	CW 957	1680	1210	113833	97373	80	120381	B4 U3 G4	230
240	NW 740	1250	900	133953	114584	127	141658	B4 U3 G4	230
240	NW 740	1300	940	137585	117690	125	145499	B4 U3 G4	230
240	NW 740	1350	980	140984	120598	123	149093	B4 U3 G4	230
240	NW 740	1400	1010	144243	123386	122	152540	B4 U3 G4	230
240	NW 740	1450	1050	147362	126054	120	155839	B4 U3 G4	230
240	NW 740	1500	1080	150389	128643	119	159040	B4 U3 G4	230
240	NW 740	1550	1120	153229	131072	117	162043	B4 U3 G4	230
240	NW 740	1600	1160	155929	133382	115	164899	B4 U3 G4	230
240	NW 740	1650	1190	158537	135613	114	167656	B4 U3 G4	230
240	NW 740	1680	1210	160027	136887	113	169232	B4 U3 G4	230
240	NW 840	1250	900	114620	98046	109	121213	B4 U3 G4	230
240	NW 840	1300	940	117727	100704	107	124499	B4 U3 G4	230
240	NW 840	1350	980	120636	103192	105	127575	B4 U3 G4	230

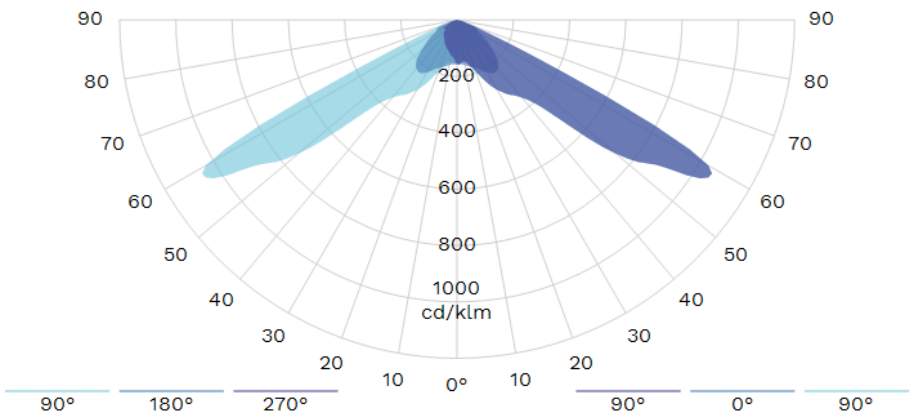
240	NW 840	1400	1010	123424	105577	105	130524	B4 U3 G4	230
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240	NW 840	1600	1160	133424	114131	98	141099	B4 U3 G4	230
240	NW 840	1650	1190	135655	116040	98	143458	B4 U3 G4	230
240	NW 840	1680	1210	136930	117130	97	144807	B4 U3 G4	230
240	WW 730	1250	900	122215	104543	116	129245	B4 U3 G4	230
240	WW 730	1300	940	125528	107377	114	132749	B4 U3 G4	230
240	WW 730	1350	980	128629	110030	112	136029	B4 U3 G4	230
240	WW 730	1400	1010	131603	112574	111	139173	B4 U3 G4	230
240	WW 730	1450	1050	134449	115008	110	142183	B4 U3 G4	230
240	WW 730	1500	1080	137210	117370	109	145103	B4 U3 G4	230
240	WW 730	1550	1120	139802	119587	107	147843	B4 U3 G4	230
240	WW 730	1600	1160	142266	121694	105	150449	B4 U3 G4	230
240	WW 730	1650	1190	144644	123729	104	152965	B4 U3 G4	230
240	WW 730	1680	1210	146004	124892	103	154402	B4 U3 G4	230

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

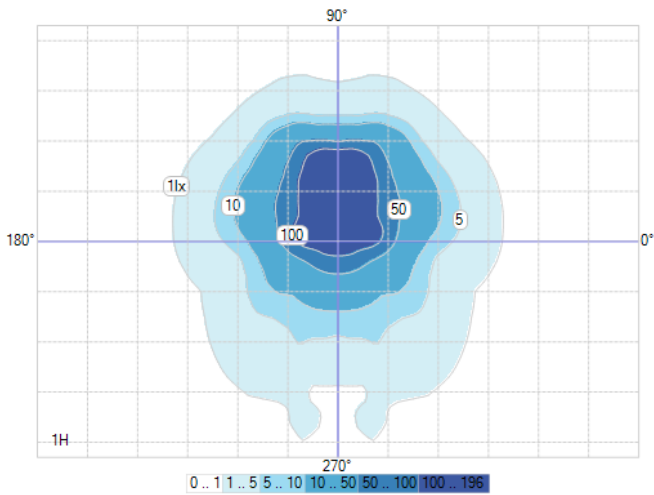
Hypergon view



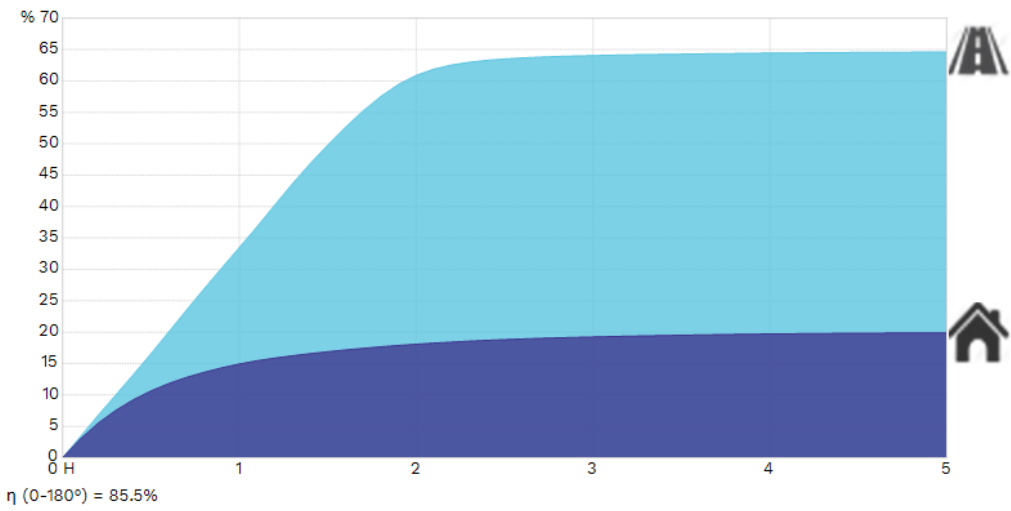
Polar/Cartesian diagram

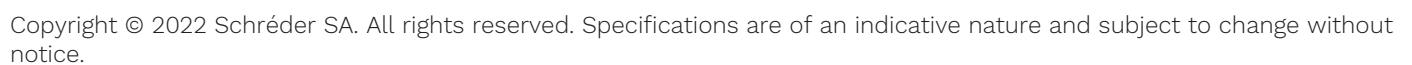


Isolux



K-Curve





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