

IZYLUM 2

5311

Optic	5311
Protector	Flat glass, Lum. shape-related, Plastic, White
Source	80 Osram OSCONIQ 3030S
Special feature	Light Exhauster
Matrix	450192



Characteristics

604	352	94	6.3	IP 66/IP 67	IK 09	I EU, II EU	0.028
Length (mm)	Width (mm)	Height (mm)	Weight (kg)	Tightness level*	Impact resistance*	Electrical class*	CxS (m²)

* According to IEC-EN60598 and IEC-EN62262

Features

A time-saving, versatile and high-performing road and urban solution

- Maximised savings in energy and maintenance costs
- New generation of LensoFlex®4 and MidFlex™2 photometric engines offering high-efficiency lighting, comfort and safety
- 5 sizes to provide the most accurate solution for numerous road and urban applications
- Tool-free access with a clear, perceptible click upon closing
- Fast and error-proof installation and maintenance with IzyHub
- On-site adjustment from post-top to side-entry without disconnecting the luminaire from the pole thanks to IzyFix
- Wide range of operating temperatures
- Zhaga-D4i certified
- Connected-ready

Information for 1000 lm matrix

Efficacy (%)	80.8	G Class (EN 13201-2)	G3	I 70-80-90-95 (cd)	647 - 57 - X - X
DLOR (%)	80.8	G* (EN 13201 2015)	G*3	CIE flux code N 1→5 (%)	44.0 - 75.5 - 97.8 - 100.0 - 80.8
ULOR (%)	0.0	Imax (cd)	689	Gradient 90°	15cd
ULR (%)	0.0	Aperture 0-180°	35 - 35	Gradient 270°	7cd
Incl ULR 4%	-44/40°	Aperture 90-270°	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°						
80	WW 730	60	30	5338	4315	144	3679	B1 U0 G1	230
80	WW 730	75	38	6561	5304	140	4523	B2 U0 G1	230
80	WW 730	90	46	7673	6203	135	5289	B2 U0 G2	230
80	WW 730	105	54	8785	7102	132	6056	B2 U0 G2	230
80	WW 730	110	56	9152	7398	132	6309	B2 U0 G2	230
80	WW 730	120	62	9786	7911	128	6746	B2 U0 G2	230
80	WW 730	135	70	10809	8738	125	7451	B2 U0 G2	230
80	WW 730	140	71	11120	8989	127	7666	B2 U0 G2	230
80	WW 730	160	85	12299	9942	117	8478	B3 U0 G2	230
80	WW 730	180	97	13366	10805	111	9214	B3 U0 G2	230
80	WW 730	200	109	14334	11587	106	9881	B3 U0 G3	230
80	NW 740	60	30	5722	4625	154	3944	B2 U0 G1	230
80	NW 740	75	38	7033	5685	150	4848	B2 U0 G2	230
80	NW 740	90	46	8225	6649	145	5670	B2 U0 G2	230
80	NW 740	105	54	9417	7612	141	6491	B2 U0 G2	230
80	NW 740	110	56	9810	7930	142	6763	B2 U0 G2	230
80	NW 740	120	62	10490	8480	137	7231	B2 U0 G2	230
80	NW 740	135	70	11586	9366	134	7987	B2 U0 G2	230
80	NW 740	140	71	11920	9636	136	8217	B3 U0 G2	230
80	NW 740	160	85	13184	10657	125	9088	B3 U0 G2	230
80	NW 740	180	97	14328	11583	119	9877	B3 U0 G3	230
80	NW 740	200	109	15365	12421	114	10592	B3 U0 G3	230

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

Summary

CONCEPT

Family of 5 road LED luminaires: 1, 2, 3, 4, 5

Applications:

Dimensions (mm):

- Width: 352.00
- Height: 94.00
- Length: 604.00

Weight (kg): 6.30

Recommended height installation: between 4.00 and 15.00+m

For optimal heat dissipation, the driver and LED engine are in separate compartments and juxtaposed in a horizontal section

HOUSING & FINISH

- Housing in high-pressure, die-cast aluminium, polyester powder coated
- Direct and tool free access to housing with driver compartment and optical unit by pushing the two clips at the bottom of the luminaire. Closing of the luminaire is confirmed with a clear, loud clicking sound (minimum of 110dB), audible even in a noisy road or urban environment.
- Colour: AKZO grey 900 sanded
- Luminaire CxS: 0.028m²
- Tightness - driver & optical: IP66/IP67
- Impact resistance: IK 09

INSTALLATION

- Universal fixation in high-pressure, die-cast aluminium
- For Diameter 60mm: 42-48 & 60mm tightened with 2 stainless steel screws, 32mm with a reducer kit
- For Diameter 76mm: 60mm & 76mm tightened with 2 stainless steel screws, 32 & 42-48mm with a reducer kit
- Switching from post-top to side-entry without disconnection from luminaire or the pole (even with precable version)
- Allows tilt of 130°
- Tool free access for maintenance

OPTICAL UNIT

- Available with high power & mid power LED's with the same body
- Protected against lens degradation with a 5mm thick extra-clear hardened glass
- Various photometric distributions: from narrow road to motorway, medium and large area
- CRI > 70
- ULR: 0%

LED lumen depreciation

- Lifetime residual flux @ Tq=25°C @ 100.000 hrs

ELECTRICAL

- Class I or Class II
- Input voltage: 220-240V - 50-60Hz
- Power factor > 95% at full load
- 10kV, 10kA surge protection

STANDARDS & CERTIFICATIONS

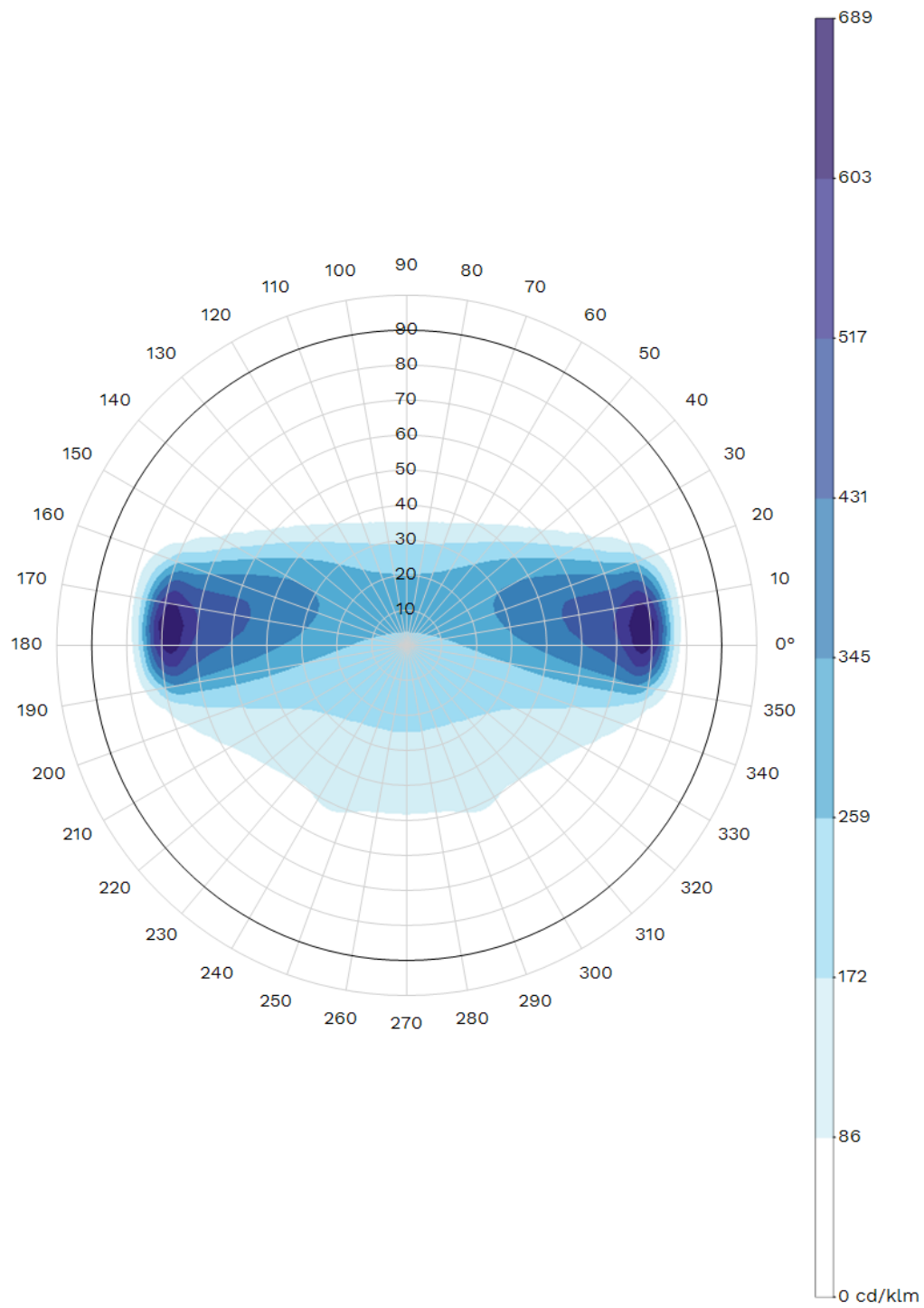
IZYLUM 2 - 5311 - 80 Osram OSCONIQ 3030S - Flat glass, Lum. shape-related, Plastic, White -
Light Exhauster - 450192

06/06/2021

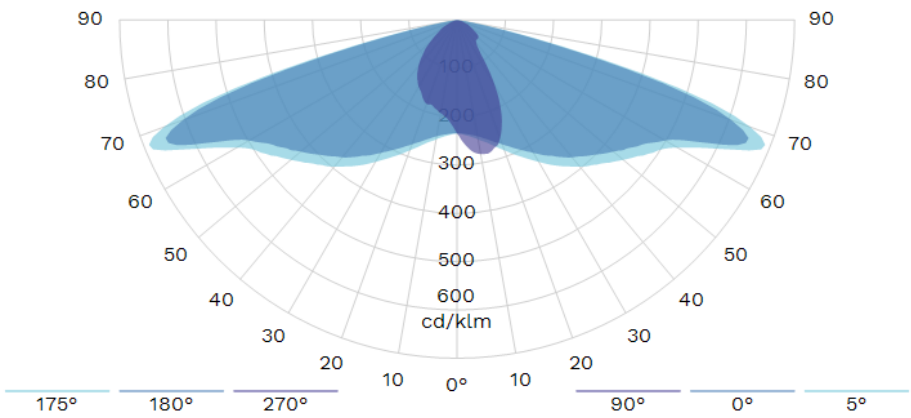
- CE
- ENEC
- LM79-80
- ETL
- ROHS
- All measurements in ISO17025 accredited laboratory

OPTIONS

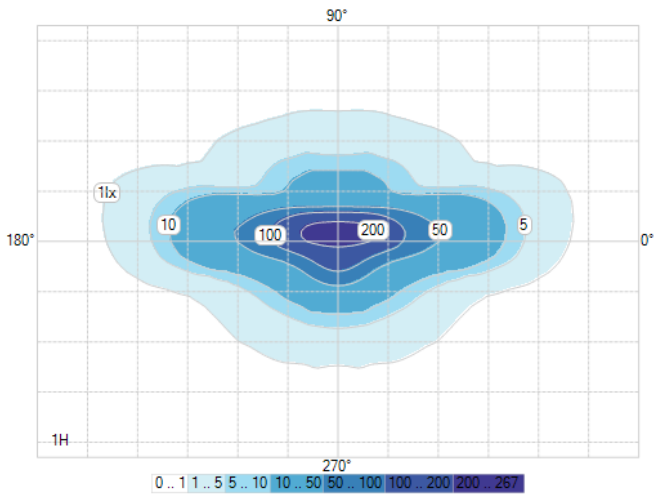
- Other RAL or AKZO colours
- Other light distributions
- Back light control
- NW or WW LEDs
- OWLET remote management
- Custom dimming profile; Constant Lumen Output (CLO); Bi-Power
- Photocell
- Motion detection
- Bluetooth



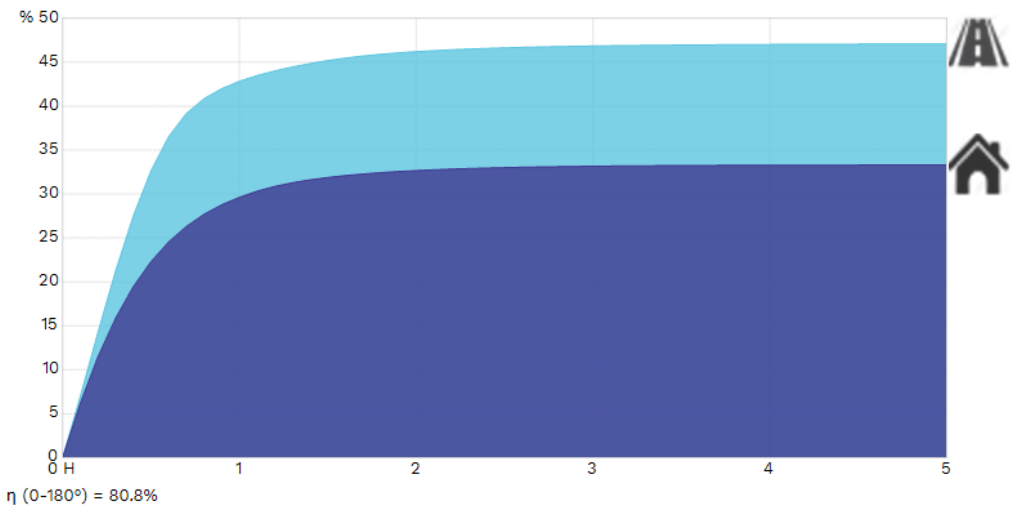
Polar/Cartesian diagram



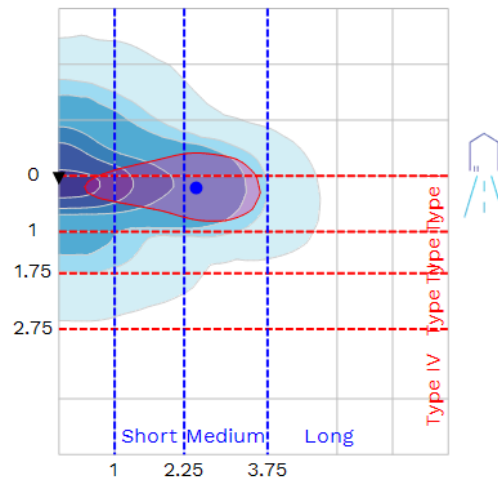
Isolux



K-Curve

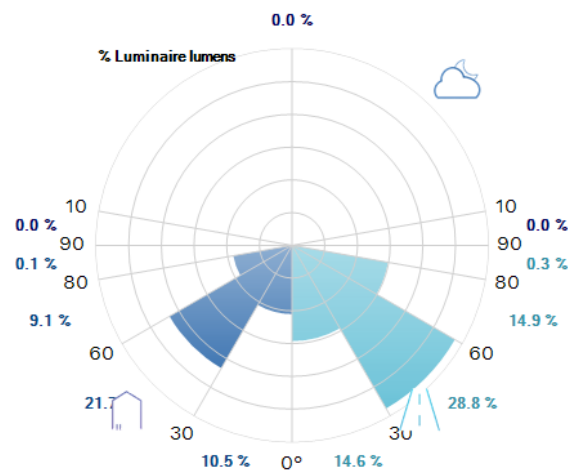


IES Roadway Classification / Nema Classification

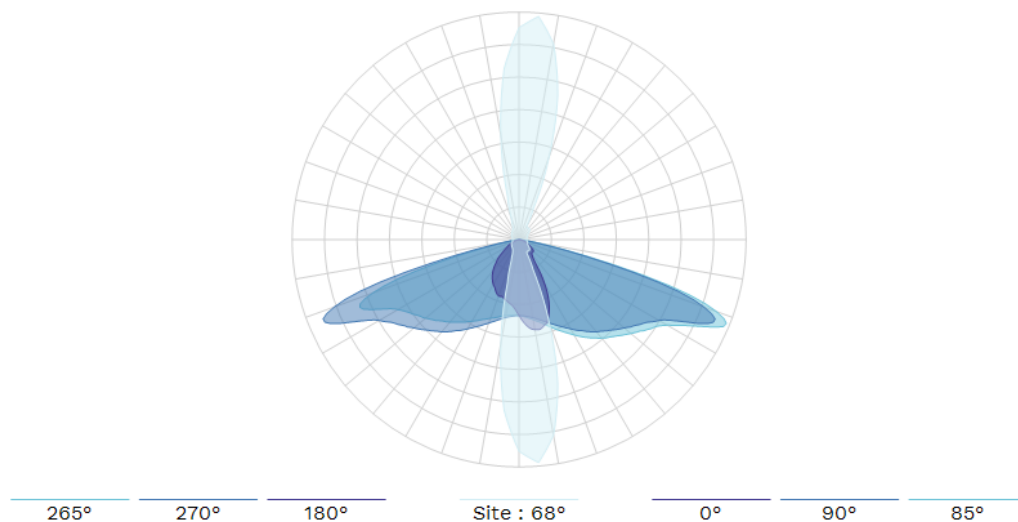


I - Medium

Luminaire classification system (LCS)



Intensity diagram in max Cone and in CPlane



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