

IZYLUM 3

5313

Optic	5313
Protector	Flat glass, Lum. shape-related, Plastic, White
Source	120 Osram OSCONIQ 3030S
Special feature	Light Exhauster
Matrix	448182



Characteristics

715	368	94	7.0	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

Types of application

- Square and park
- Bridge
- Car park
- Train station
- Bike path
- Urban road

Information for 1000 lm matrix

Efficacy (%)	83.7	G Class (EN 13201-2)	G4	I 70-80-90-95 (cd)	411 - 26 - X - X
DLOR (%)	83.7	G* (EN 13201 2015)	G*4	CIE flux code N 1→5 (%)	34.7 - 74.8 - 98.6 - 100.0 - 83.7
ULOR (%)	0.0	Imax (cd)	436	Gradient 90°	17cd
ULR (%)	0.0	Aperture 0-180°	32 - 32	Gradient 270°	12cd
Incl ULR 4%	-38/36°	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°									
120	WW 730	40	29	5438	4551	157	2369	B2 U0 G1	230
120	WW 730	60	44	7956	6659	151	3466	B2 U0 G2	230
120	WW 730	75	55	9758	8167	148	4251	B2 U0 G2	230
120	WW 730	90	67	11476	9605	143	4999	B2 U0 G2	230
120	WW 730	105	78	13127	10987	141	5719	B3 U0 G3	230
120	WW 730	110	82	13661	11434	139	5951	B3 U0 G3	230
120	WW 730	120	90	14695	12300	137	6402	B3 U0 G3	230
120	WW 730	140	107	16680	13961	130	7266	B3 U0 G3	230
120	WW 730	162	127	18698	15650	123	8146	B3 U0 G3	230
120	NW 740	40	29	5829	4879	168	2539	B2 U0 G1	230
120	NW 740	60	44	8529	7139	162	3715	B2 U0 G2	230
120	NW 740	75	55	10460	8755	159	4557	B2 U0 G2	230
120	NW 740	90	67	12301	10296	154	5359	B2 U0 G2	230
120	NW 740	105	78	14072	11778	151	6130	B3 U0 G3	230
120	NW 740	110	82	14644	12257	149	6379	B3 U0 G3	230
120	NW 740	120	90	15752	13185	147	6862	B3 U0 G3	230
120	NW 740	140	107	17880	14966	140	7789	B3 U0 G3	230
120	NW 740	162	127	20043	16776	132	8732	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: Bike path, Bridge, Car park, Square and park, Train station, Urban road

Dimensions (mm):

- Width: 368.00
- Height: 94.00
- Length: 715.00

Weight (kg): 7.00

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

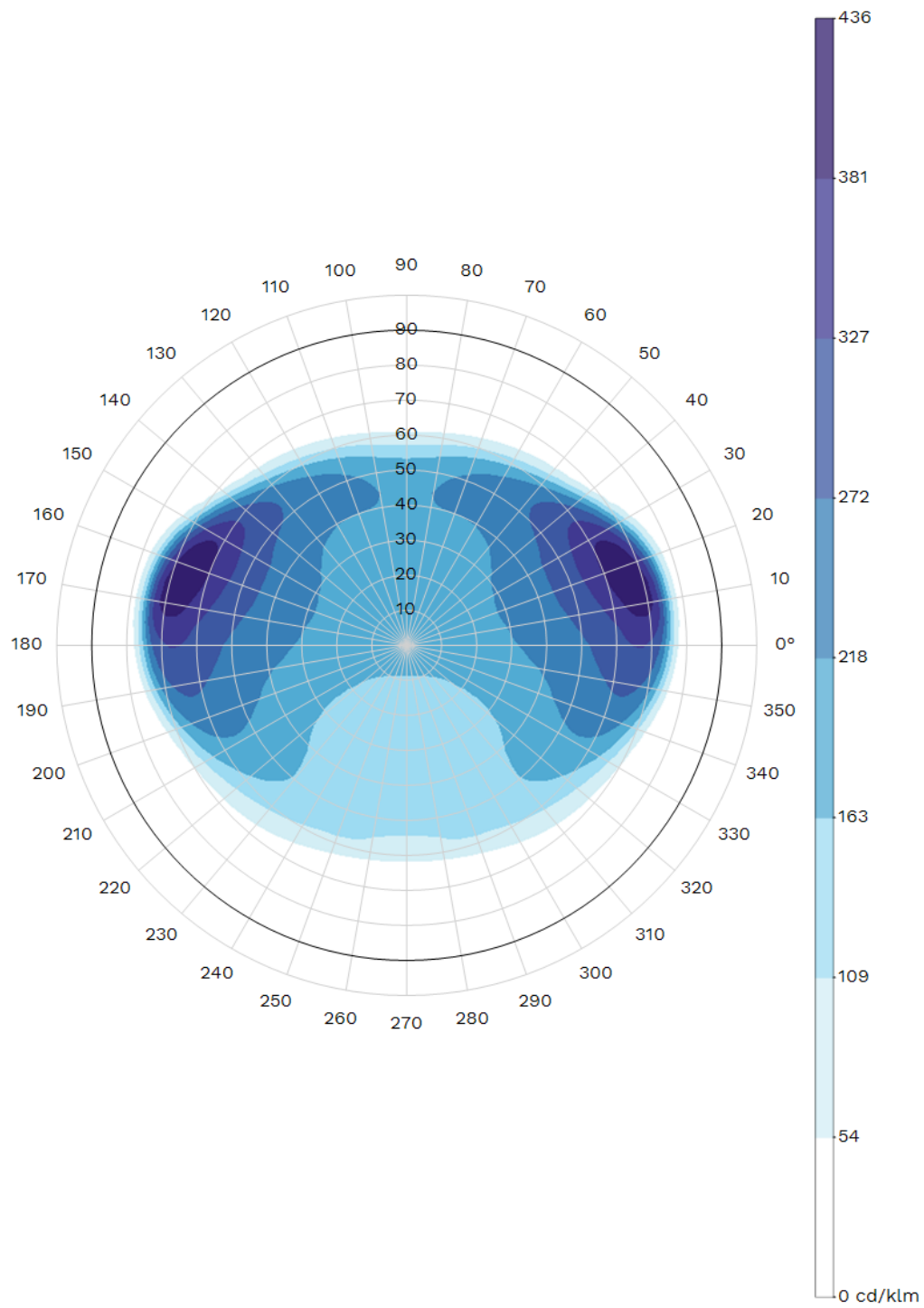
STANDARDS & CERTIFICATIONS

IZYLUM 3 - 5313 - 120 Osram OSCONIQ 3030S - Flat glass, Lum. shape-related, Plastic, White - Light Exhauster - 448182

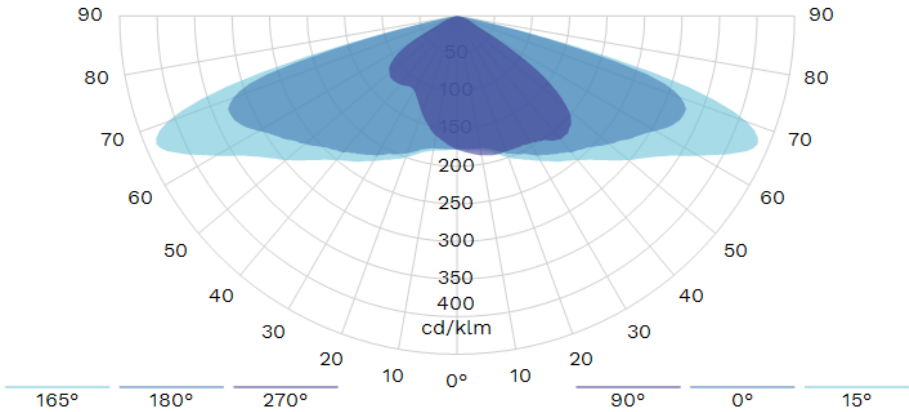
- CE
- ENEC
- LM79-80
- ETL
- ROHS
- All measurements in ISO17025 accredited laboratory

OPTIONS

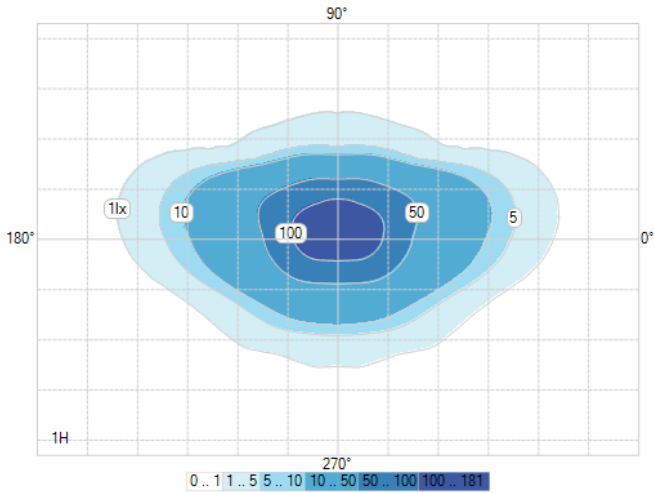
- Other RAL or AKZO colours
- Other light distributions
- Back light control
- NW or WW LEDs
- OWLET remote management
- Custom dimming profile; Constant Lumen Output (CLO); Bi-Power
- Photocell
- Motion detection
- Bluetooth



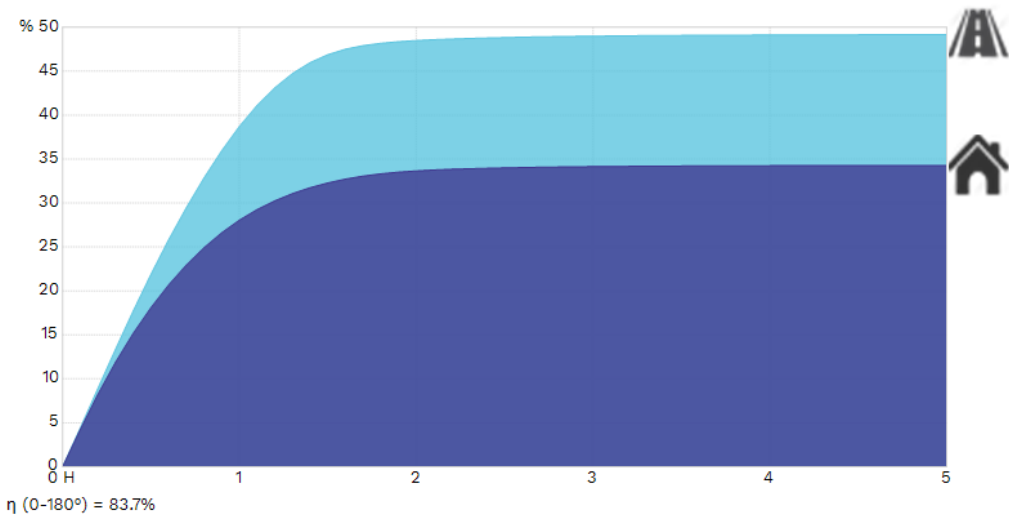
Polar/Cartesian diagram

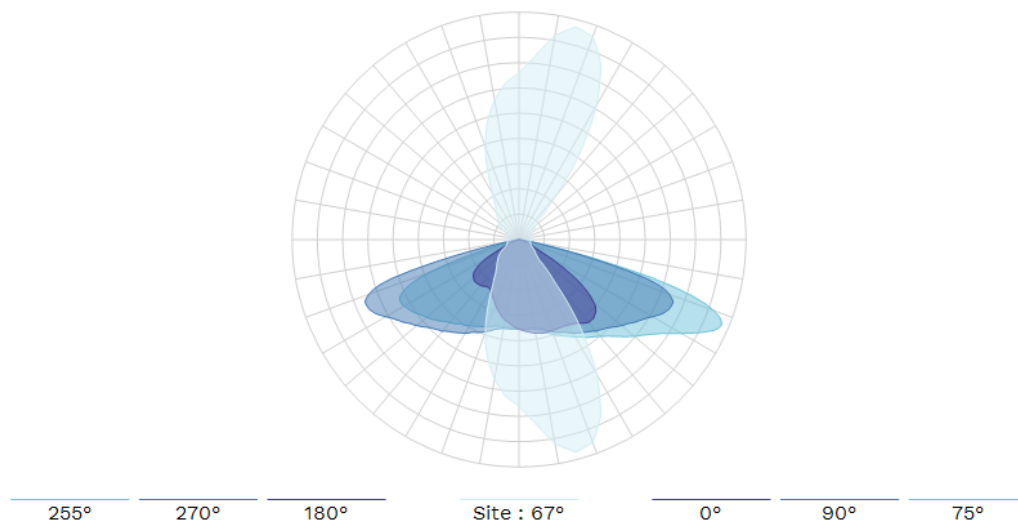
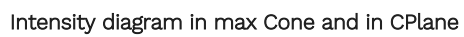


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K-Curve





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