

IZYLUM 4

5312

Optic	5312
Protector	Flat glass, Lum. shape-related, Plastic, White
Source	240 Osram OSCONIQ 3030S
Special feature	Light Exhauster
Matrix	461302



Characteristics

873	390	94	9.9	IP 66/IP 67	IK 09	I EU, II EU	0.027
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
- Road and highway
- Train station
- Bike path
- Urban road

Information for 1000 lm matrix

Efficacy (%)	79.2	G Class (EN 13201-2)	G4	I 70-80-90-95 (cd)	394 - 39 - X - X
DLOR (%)	79.2	G* (EN 13201 2015)	G*4	CIE flux code N 1→5 (%)	45.1 - 78.6 - 97.9 - 100.0 - 79.2
ULOR (%)	0.0	Imax (cd)	407	Gradient 90°	14cd
ULR (%)	0.0	Aperture 0-180°	74 - 74	Gradient 270°	8cd
Incl ULR 4%	-38/40°	Aperture 90-270°	37 - 5		

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	WW 730	40	58	11309	8958	154	4598	B2 U0 G2	230
240	WW 730	60	87	16547	13107	151	6728	B3 U0 G3	230
240	WW 730	80	118	21384	16939	144	8695	B3 U0 G3	230
240	WW 730	100	150	25787	20427	136	10485	B3 U0 G3	230
240	WW 730	120	181	29790	23598	130	12113	B4 U0 G3	230
240	WW 730	140	214	33360	26425	123	13564	B4 U0 G3	230
240	NW 740	40	58	12123	9603	166	4929	B2 U0 G2	230
240	NW 740	60	87	17737	14050	161	7212	B3 U0 G3	230
240	NW 740	80	118	22922	18157	154	9320	B3 U0 G3	230
240	NW 740	100	150	27642	21896	146	11239	B3 U0 G3	230
240	NW 740	120	181	31934	25295	140	12984	B4 U0 G3	230
240	NW 740	140	214	35760	28326	132	14540	B4 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, Road and highway, Square and park, Train station, Urban road

Dimensions (mm):

- Width: 390.00
- Height: 94.00
- Length: 873.00

Weight (kg): 9.90

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

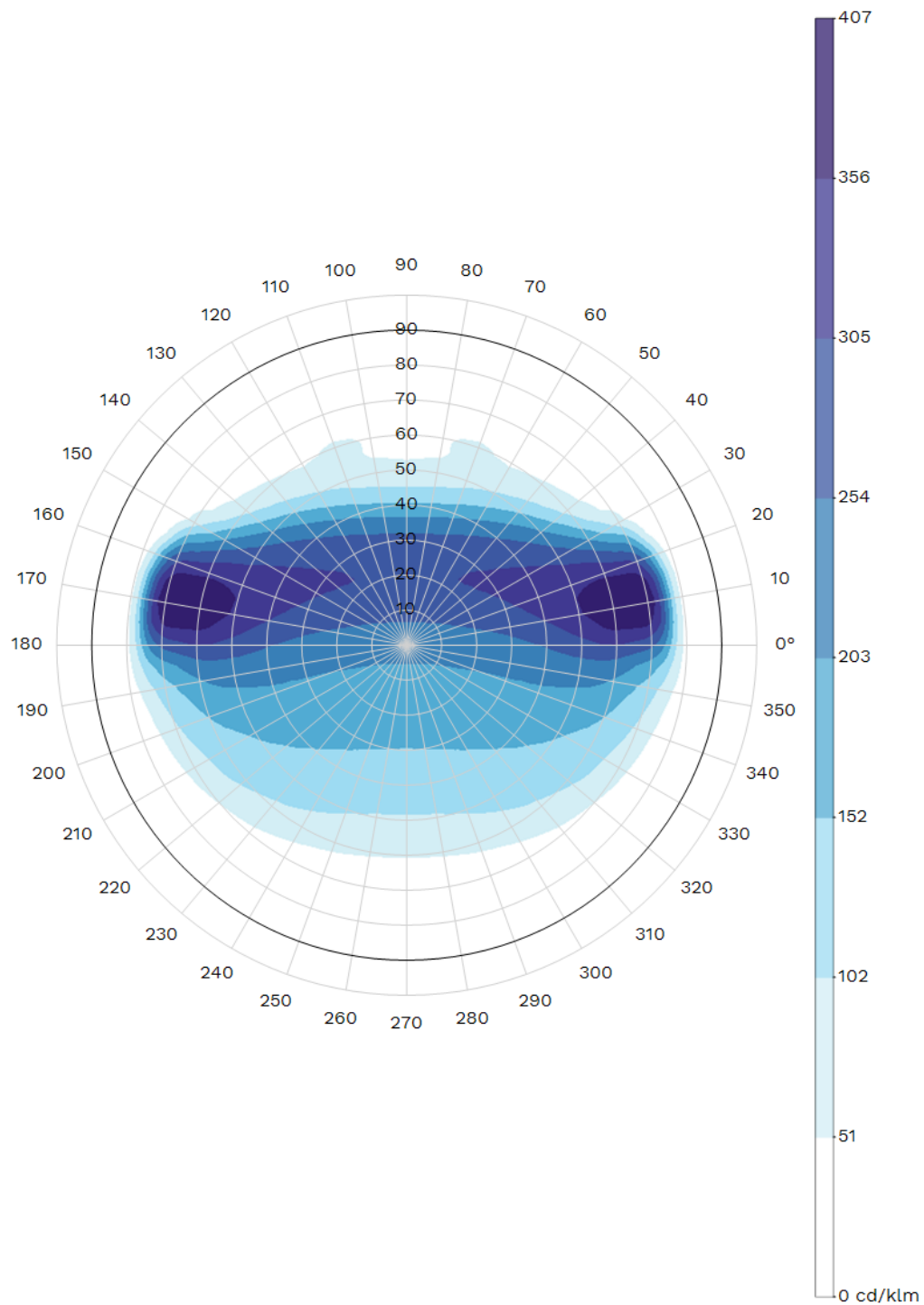
IZYLUM 4 - 5312 - 240 Osram OSCONIQ 3030S - Flat glass, Lum. shape-related, Plastic, White -
Light Exhauster - 461302

STANDARDS & CERTIFICATIONS

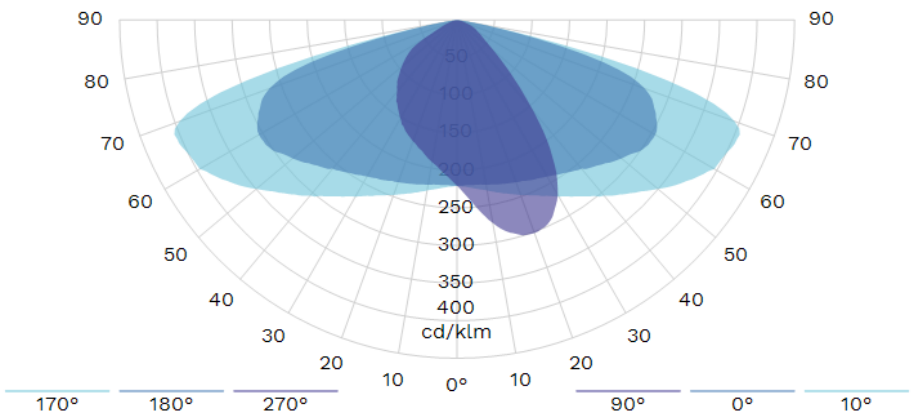
- CE
- ENEC
- LM79-80
- ETL
- ROHS
- All measurements in ISO17025 accredited laboratory

OPTIONS

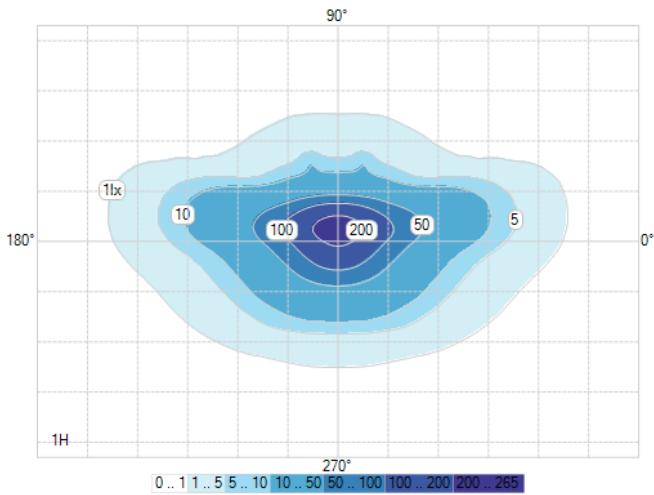
- Other RAL or AKZO colours
- Other light distributions
- Back light control
- NW or WW LEDs
- OWLET remote management
- Custom dimming profile; Constant Lumen Output (CLO); Bi-Power
- Photocell
- Motion detection
- Bluetooth



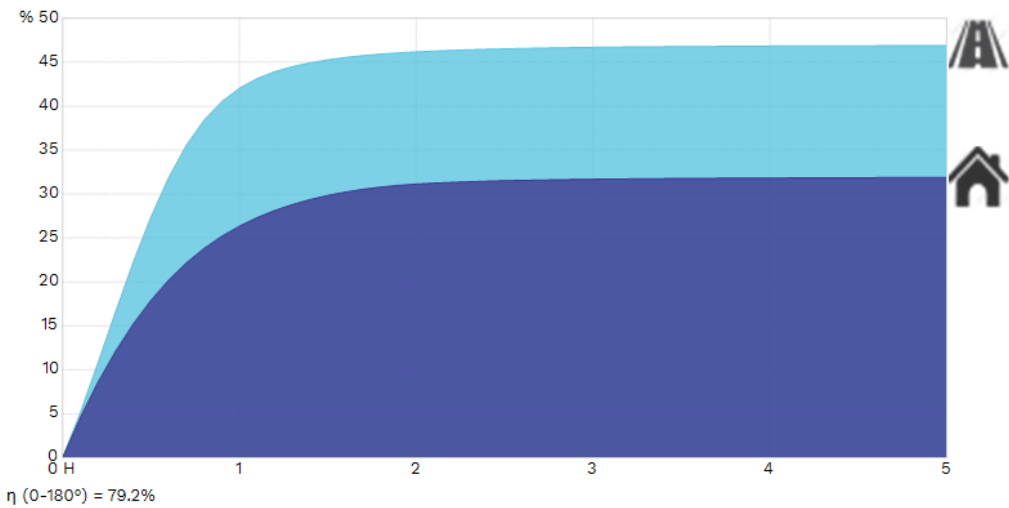
Polar/Cartesian diagram



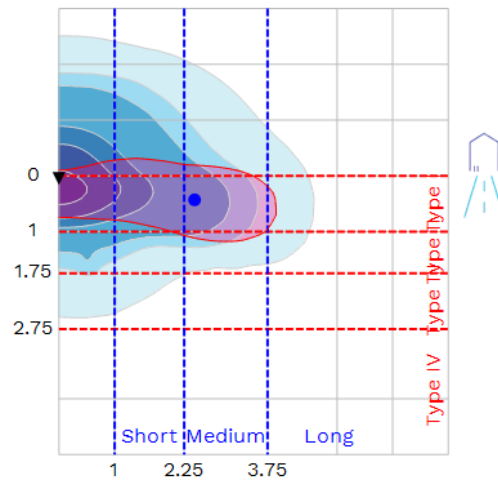
Isolux



K-Curve

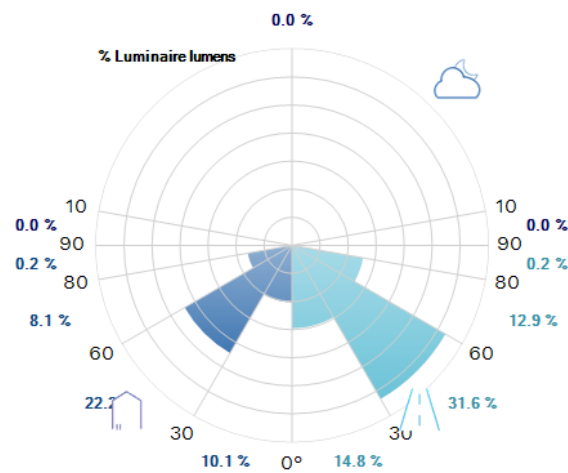


IES Roadway Classification / Nema Classification

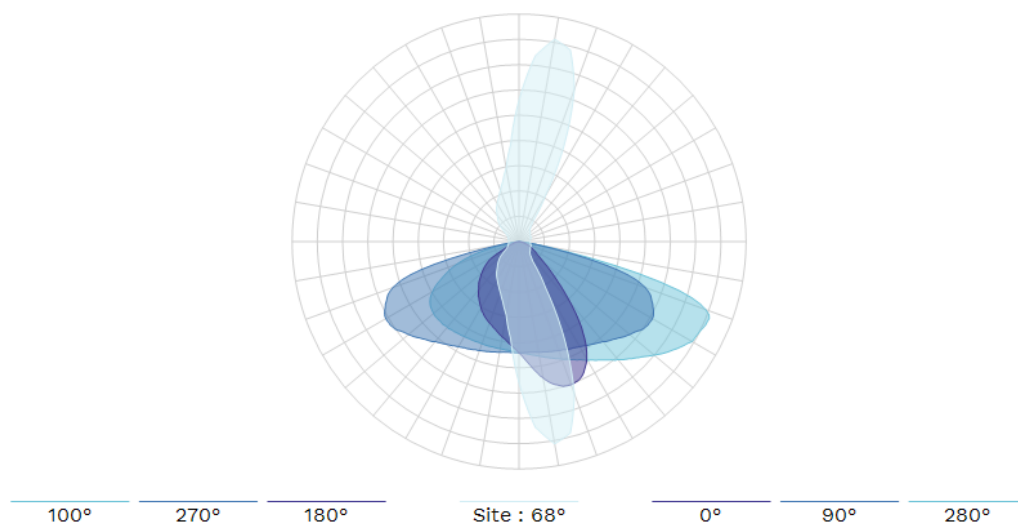


II - Medium

Luminaire classification system (LCS)



Intensity diagram in max Cone and in CPlane



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