

IZYLUM 4

5312

Optic	5312
Protector	Flat glass
Source	200 Osram OSCONIQ 3030S
Matrix	457132



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 (%)	78.0	G Class (EN 13201-2)	G4	I 70-80-90-95 (cd)	423 - 46 - X - X
DLOR (%)	78.0	G* (EN 13201 2015)	G*3	CIE flux code N 1→5 (%)	44.6 - 77.9 - 97.8 - 100.0 - 78.0
ULOR (%)	0.0	Imax (cd)	431	Gradient 90°	13cd
ULR (%)	0.0	Aperture 0-180°	12 - 12	Gradient 270°	8cd
Incl ULR 4%	-38/40°	Aperture 90-270°	1 - 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°						
200	WW 730	40	47	9424	7354	156	4058	B2 U0 G2	230
200	WW 730	60	71	13789	10759	152	5937	B3 U0 G2	230
200	WW 730	80	96	17820	13905	145	7672	B3 U0 G3	230
200	WW 730	100	122	21489	16768	137	9252	B3 U0 G3	230
200	WW 730	120	149	24825	19371	130	10688	B3 U0 G3	230
200	WW 730	132	165	26688	20825	126	11490	B3 U0 G3	230
200	NW 740	40	47	10102	7883	168	4349	B2 U0 G2	230
200	NW 740	60	71	14781	11534	162	6364	B3 U0 G2	230
200	NW 740	80	96	19102	14905	155	8224	B3 U0 G3	230
200	NW 740	100	122	23035	17975	147	9918	B3 U0 G3	230
200	NW 740	120	149	26611	20765	139	11457	B3 U0 G3	230
200	NW 740	132	165	28608	22323	135	12317	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, 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

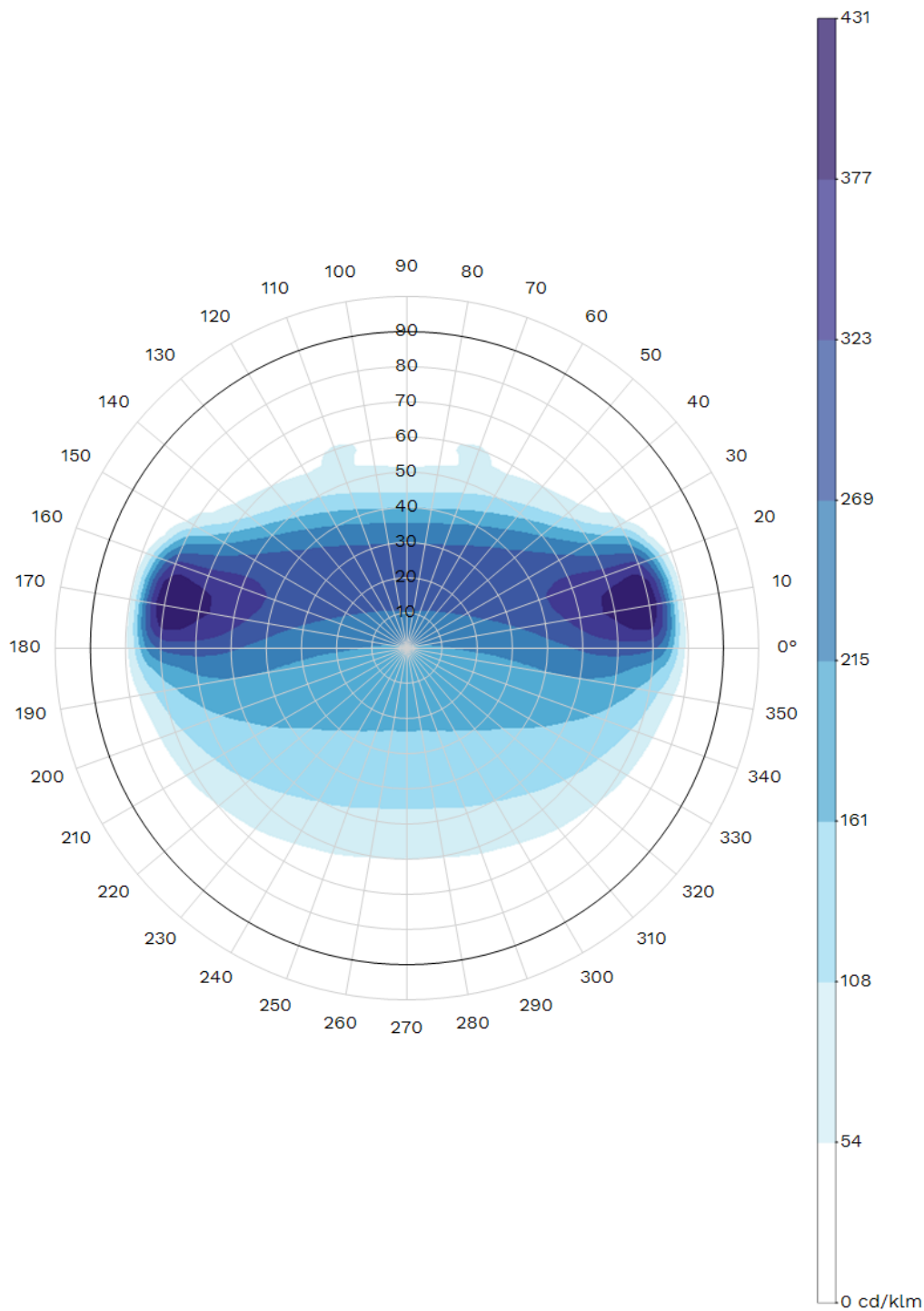
- Class I or Class II
- Input voltage: 220-240V - 50-60Hz
- Power factor > 95% at full load
- 10kV, 10kA surge protection

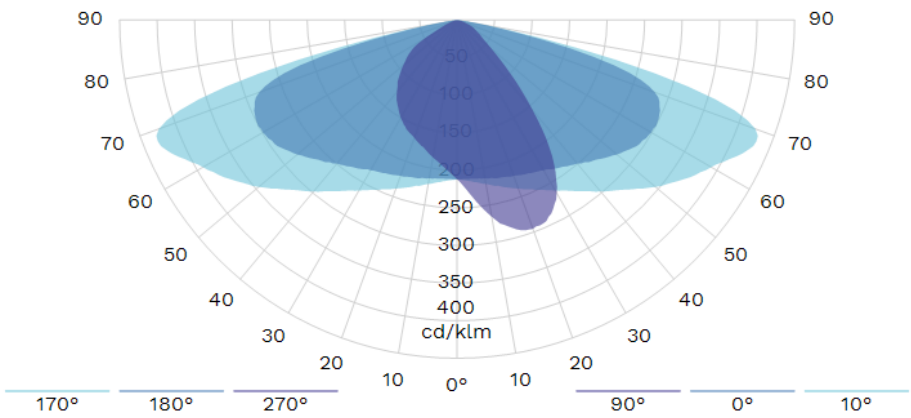
STANDARDS & CERTIFICATIONS

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

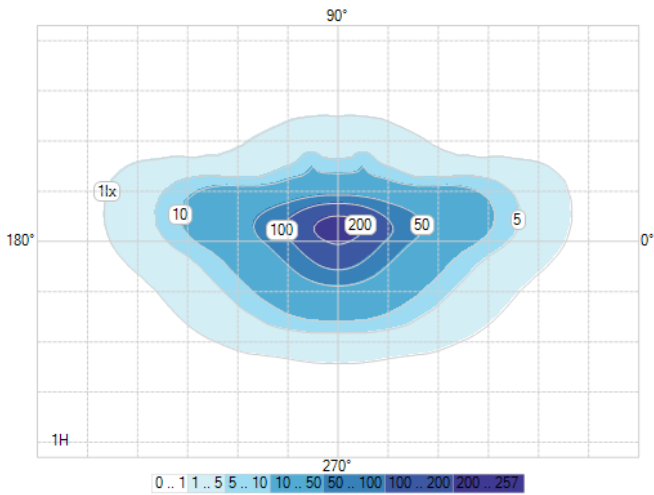
OPTIONS

- 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

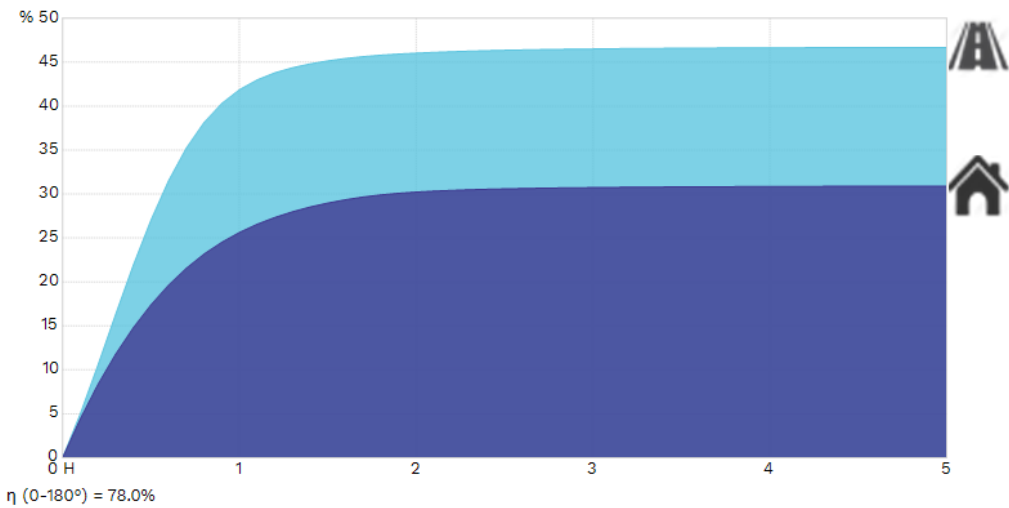




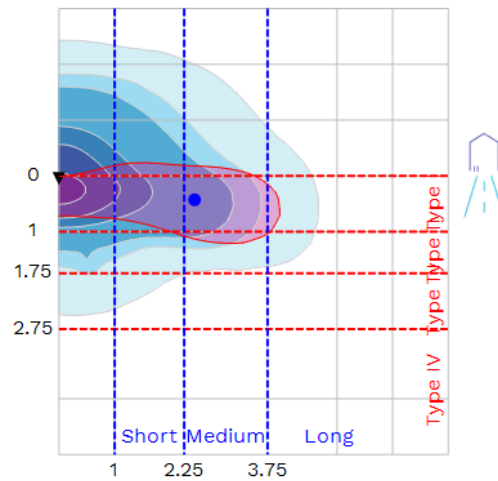
Isolux



K-Curve

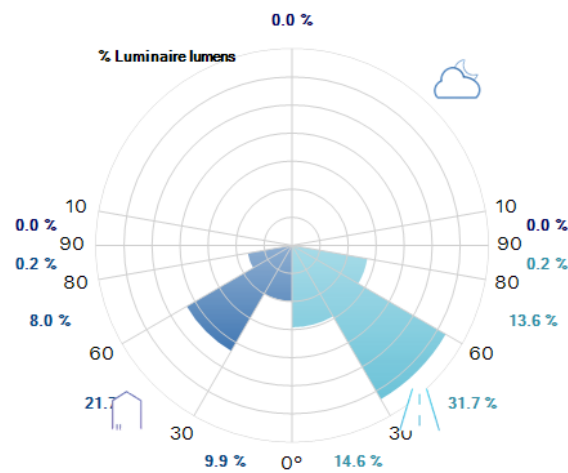


IES Roadway Classification / Nema Classification

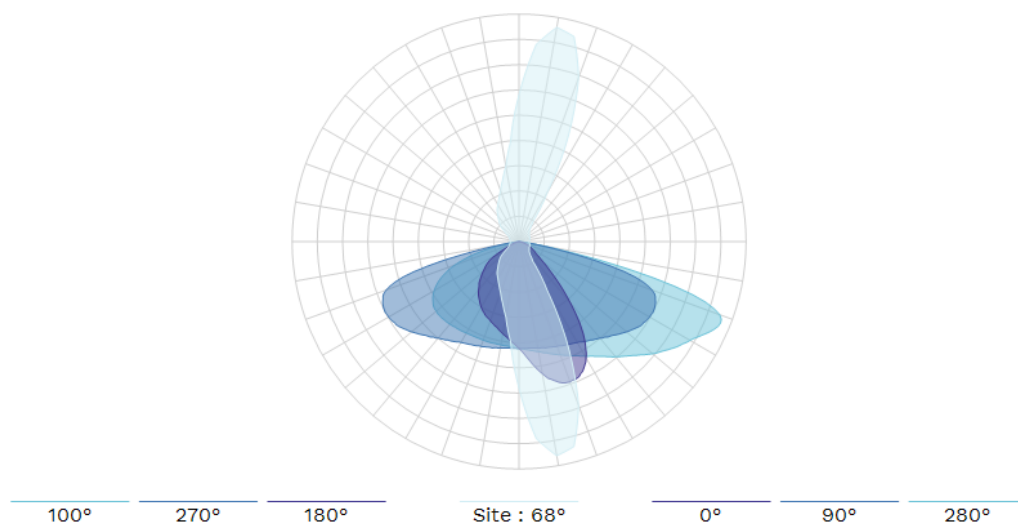


II - Medium

Luminaire classification system (LCS)



Intensity diagram in max Cone and in CPlane



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