

IZYLUM 3

5312

Optic	5312
Protector	Flat glass
Source	120 Osram OSCONIQ 3030S
Matrix	448152



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 (%)	80.5	G Class (EN 13201-2)	G4	I 70-80-90-95 (cd)	423 - 62 - X - X
DLOR (%)	80.5	G* (EN 13201 2015)	G*3	CIE flux code N 1→5 (%)	44.0 - 77.7 - 97.7 - 100.0 - 80.5
ULOR (%)	0.0	Imax (cd)	427	Gradient 90°	14cd
ULR (%)	0.0	Aperture 0-180°	8 - 8	Gradient 270°	8cd
Incl ULR 4%	-39/39°	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°						
120	WW 730	40	29	5438	4379	151	2322	B1 U0 G1	230
120	WW 730	60	44	7956	6407	146	3397	B2 U0 G1	230
120	WW 730	75	55	9758	7858	143	4167	B2 U0 G2	230
120	WW 730	90	67	11476	9242	138	4900	B2 U0 G2	230
120	WW 730	105	78	13127	10572	136	5605	B3 U0 G2	230
120	WW 730	110	82	13661	11002	134	5833	B3 U0 G2	230
120	WW 730	120	90	14695	11834	131	6275	B3 U0 G2	230
120	WW 730	135	103	16196	13043	127	6916	B3 U0 G2	230
120	WW 730	140	107	16680	13433	126	7123	B3 U0 G3	230
120	WW 730	162	127	18698	15058	119	7984	B3 U0 G3	230
120	NW 740	40	29	5829	4694	162	2489	B2 U0 G1	230
120	NW 740	60	44	8529	6868	156	3642	B2 U0 G2	230
120	NW 740	75	55	10460	8424	153	4466	B2 U0 G2	230
120	NW 740	90	67	12301	9907	148	5253	B2 U0 G2	230
120	NW 740	105	78	14072	11332	145	6009	B3 U0 G2	230
120	NW 740	110	82	14644	11793	144	6253	B3 U0 G2	230
120	NW 740	120	90	15752	12686	141	6726	B3 U0 G2	230
120	NW 740	135	103	17361	13982	136	7414	B3 U0 G3	230
120	NW 740	140	107	17880	14399	135	7635	B3 U0 G3	230
120	NW 740	162	127	20043	16142	127	8559	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

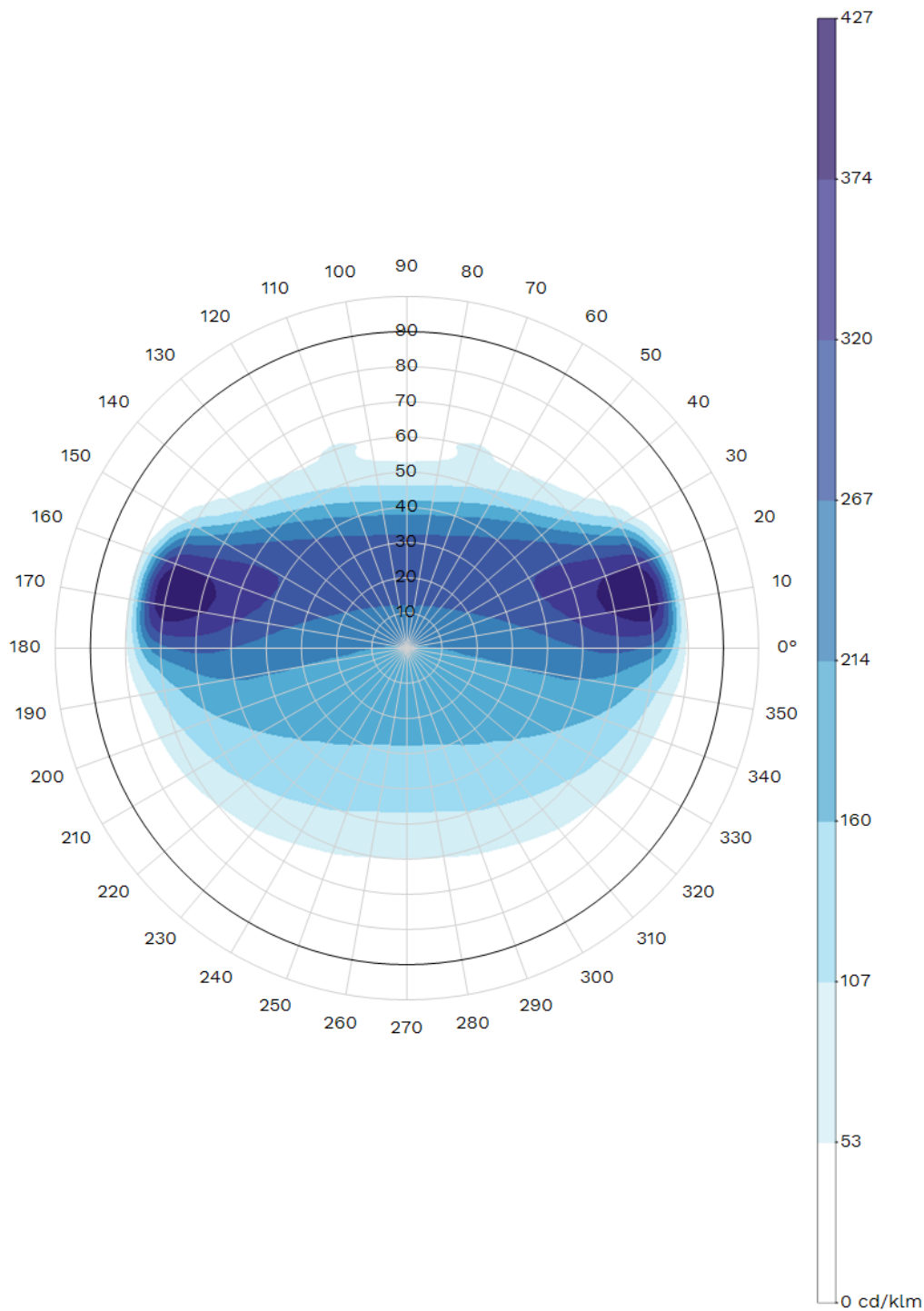
IZYLUM 3 - 5312 - 120 Osram OSCONIQ 3030S - Flat glass - 448152

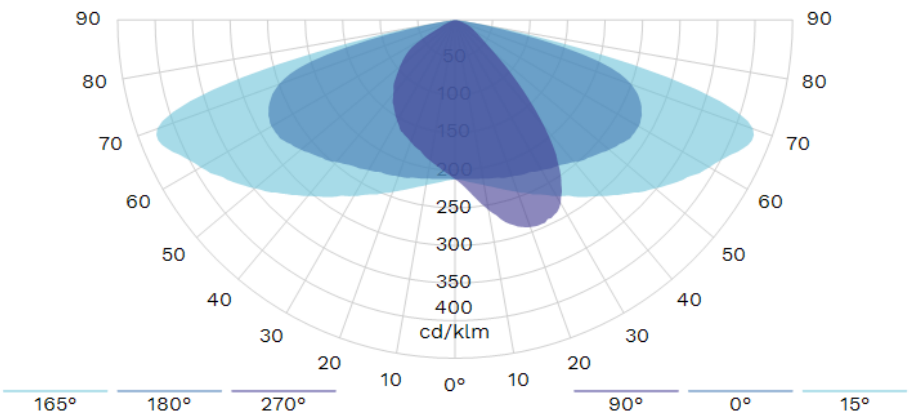
06/06/2021

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

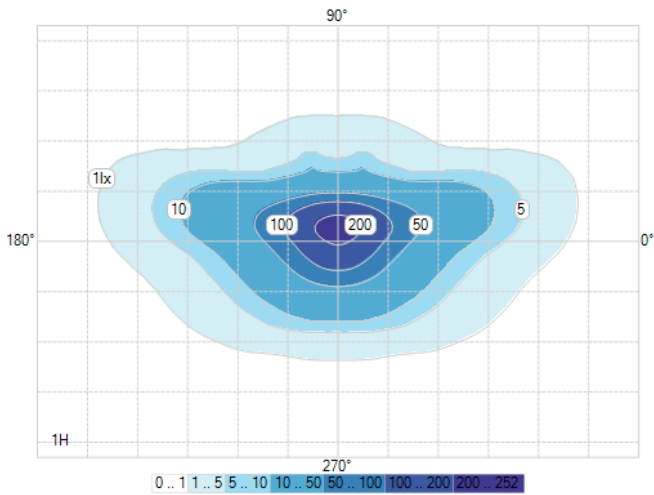
OPTIONS

- 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

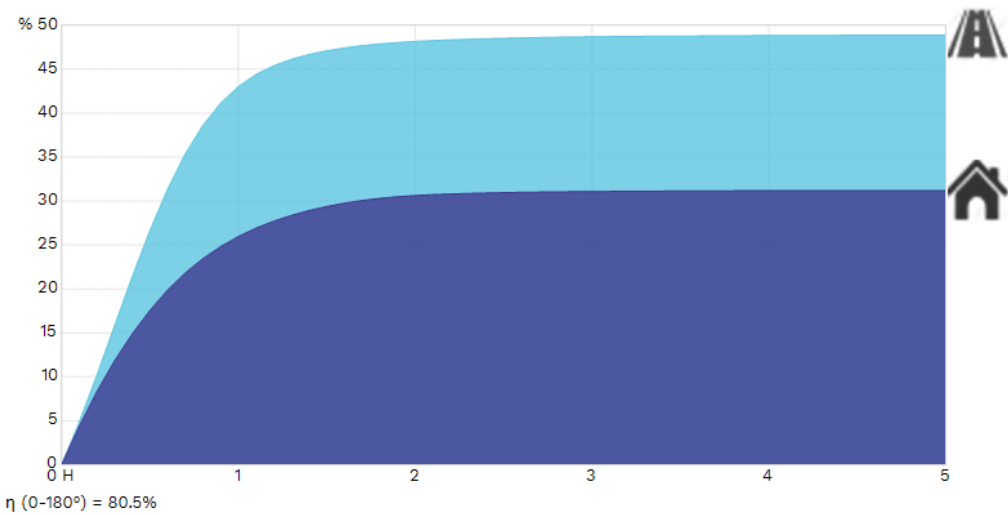




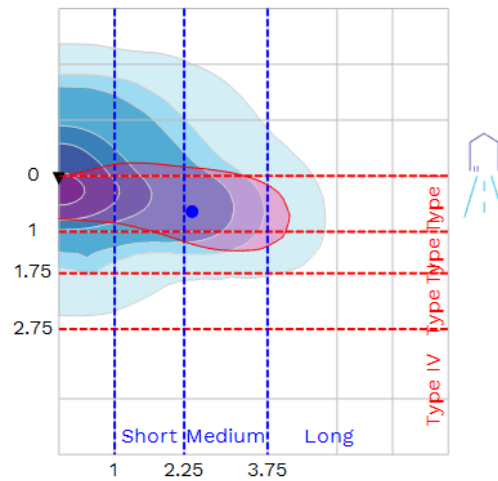
Isolux



K-Curve

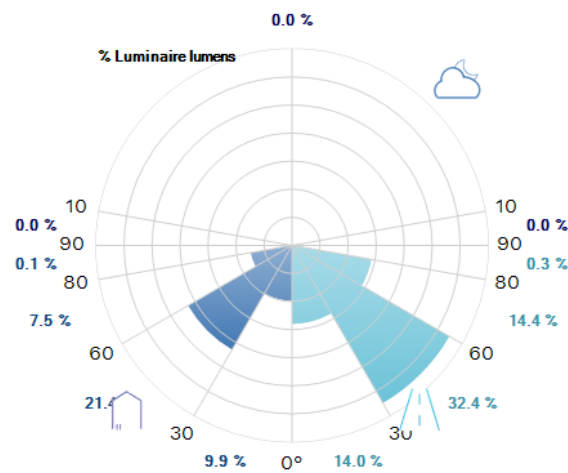


IES Roadway Classification / Nema Classification

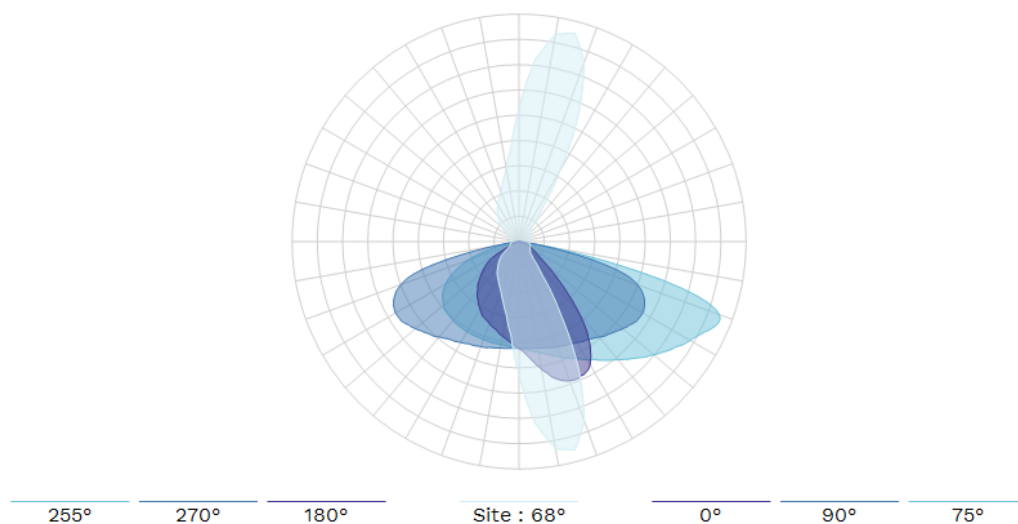


II - Medium

Luminaire classification system (LCS)



Intensity diagram in max Cone and in CPlane



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