

IZYLUM 2

5369

Optic	5369
Protector	Flat glass
Source	30 Samsung LH351C
Special feature	Zebra right
Matrix	475252



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

Types of application

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

Information for 1000 lm matrix

Efficacy (%)	86.4	G Class (EN 13201-2)	G6	I 70-80-90-95 (cd)	51 - 75 - X - X
DLOR (%)	86.4	G* (EN 13201 2015)	G*6	CIE flux code N 1→5 (%)	53.2 - 91.9 - 99.3 - 100.0 - 86.4
ULOR (%)	0.0	Imax (cd)	1083	Gradient 90°	69cd
ULR (%)	0.0	Aperture 0-180°	25 - X	Gradient 270°	15cd
Incl ULR 4%	-37/35°	Aperture 90-270°	38 - 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°						
30	WW 727	200	19	3057	2640	139	3312	B1 U0 G1	230
30	WW 727	300	28	4411	3809	136	4778	B2 U0 G1	230
30	WW 727	350	33	5070	4379	137	5492	B2 U0 G1	230
30	WW 727	400	37	5678	4904	133	6151	B2 U0 G1	230
30	WW 727	450	42	6282	5425	129	6805	B2 U0 G1	230
30	WW 727	500	47	6855	5920	126	7425	B2 U0 G1	230
30	WW 727	550	52	7433	6419	123	8052	B2 U0 G1	230
30	WW 727	600	57	7980	6892	123	8645	B2 U0 G1	230
30	WW 727	700	65	9014	7785	122	9765	B3 U0 G1	230
30	WW 727	800	75	9973	8613	115	10803	B3 U0 G1	230
30	WW 727	870	84	10596	9151	109	11479	B3 U0 G1	230
30	WW 830	200	19	3057	2640	139	3312	B1 U0 G1	230
30	WW 830	300	28	4411	3809	136	4778	B2 U0 G1	230
30	WW 830	350	33	5070	4379	137	5492	B2 U0 G1	230
30	WW 830	400	37	5678	4904	133	6151	B2 U0 G1	230
30	WW 830	450	42	6282	5425	129	6805	B2 U0 G1	230
30	WW 830	500	47	6855	5920	126	7425	B2 U0 G1	230
30	WW 830	550	52	7433	6419	123	8052	B2 U0 G1	230
30	WW 830	600	57	7980	6892	123	8645	B2 U0 G1	230
30	WW 830	700	65	9014	7785	122	9765	B3 U0 G1	230
30	WW 830	800	75	9973	8613	115	10803	B3 U0 G1	230
30	WW 830	870	84	10596	9151	109	11479	B3 U0 G1	230
30	NW 740	200	19	3437	2968	156	3723	B1 U0 G1	230
30	NW 740	300	28	4959	4283	153	5372	B2 U0 G1	230
30	NW 740	350	33	5700	4923	154	6175	B2 U0 G1	230
30	NW 740	400	37	6384	5514	149	6916	B2 U0 G1	230
30	NW 740	450	42	7062	6099	145	7650	B2 U0 G1	230
30	NW 740	500	47	7706	6656	142	8348	B2 U0 G1	230
30	NW 740	550	52	8356	7217	139	9052	B2 U0 G1	230
30	NW 740	600	57	8972	7748	138	9719	B3 U0 G1	230
30	NW 740	700	65	10135	8753	137	10979	B3 U0 G1	230
30	NW 740	800	75	11212	9683	129	12146	B3 U0 G1	230
30	NW 740	870	84	11913	10289	122	12905	B3 U0 G1	230
30	WW 722	200	19	2442	2109	111	2646	B1 U0 G0	230
30	WW 722	300	28	3524	3043	109	3817	B1 U0 G1	230
30	WW 722	350	33	4050	3498	109	4387	B1 U0 G1	230
30	WW 722	400	37	4536	3918	106	4914	B2 U0 G1	230
30	WW 722	450	42	5018	4334	103	5436	B2 U0 G1	230
30	WW 722	500	47	5476	4729	101	5932	B2 U0 G1	230
30	WW 722	550	52	5937	5128	99	6432	B2 U0 G1	230
30	WW 722	600	57	6375	5506	98	6906	B2 U0 G1	230
30	WW 722	700	65	7201	6219	97	7801	B2 U0 G1	230
30	WW 722	800	75	7966	6880	92	8630	B2 U0 G1	230
30	WW 722	870	84	8465	7310	87	9169	B3 U0 G1	230

30	WW 730	200	19	3347	2890	152	3625	B1 U0 G1	230
30	WW 730	300	28	4829	4170	149	5231	B2 U0 G1	230
30	WW 730	350	33	5550	4793	150	6012	B2 U0 G1	230
30	WW 730	400	37	6216	5368	145	6734	B2 U0 G1	230
30	WW 730	450	42	6876	5939	141	7449	B2 U0 G1	230
30	WW 730	500	47	7504	6480	138	8128	B2 U0 G1	230
30	WW 730	550	52	8136	7027	135	8814	B2 U0 G1	230
30	WW 730	600	57	8736	7545	135	9463	B3 U0 G1	230
30	WW 730	700	65	9868	8522	133	10690	B3 U0 G1	230
30	WW 730	800	75	10917	9428	126	11826	B3 U0 G1	230
30	WW 730	870	84	11600	10018	119	12565	B3 U0 G1	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: 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

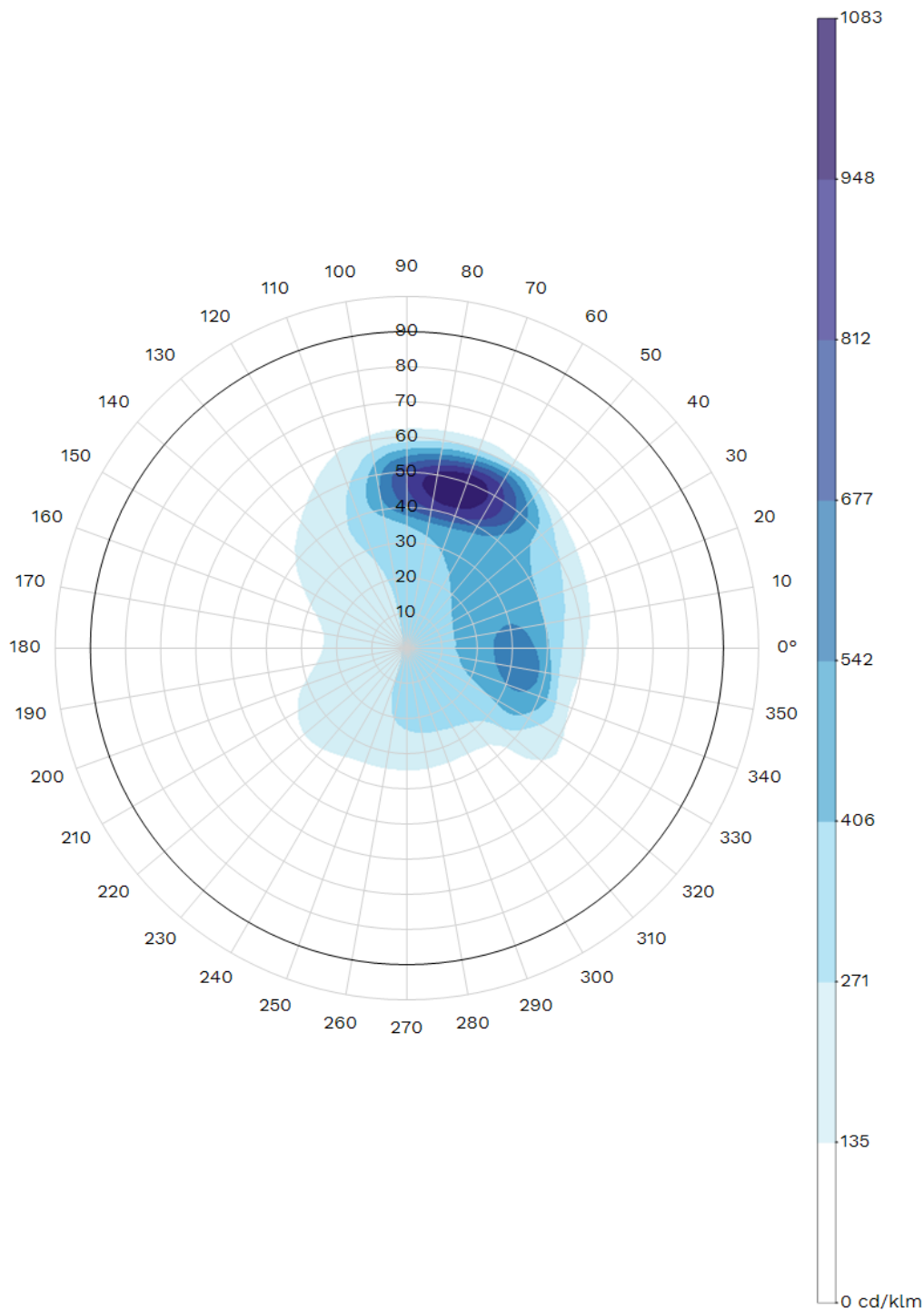
IZYLUM 2 - 5369 - 30 Samsung LH351C - Flat glass - Zebra right - 475252

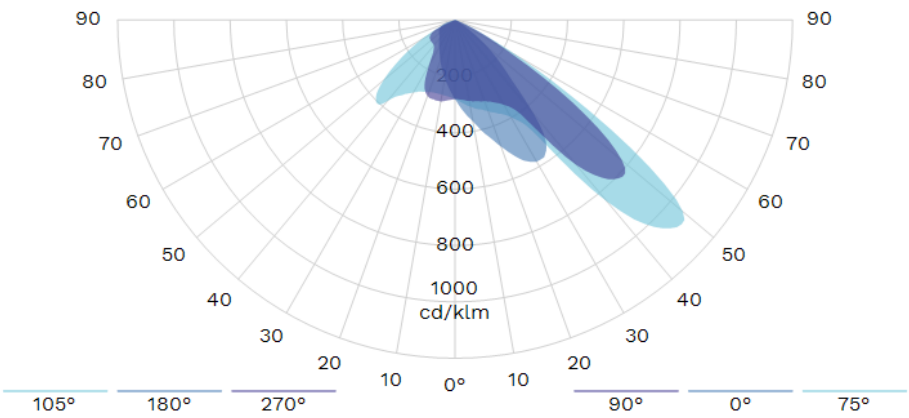
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- CE
- ENEC
- LM79-80
- ETL
- ROHS
- All measurements in ISO17025 accredited laboratory

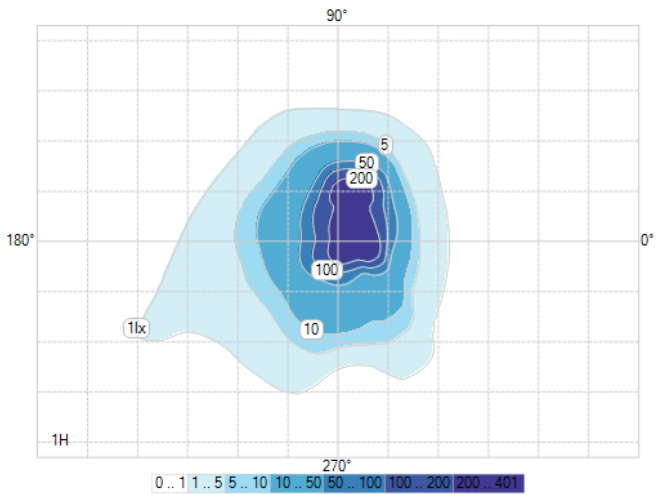
OPTIONS

- 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

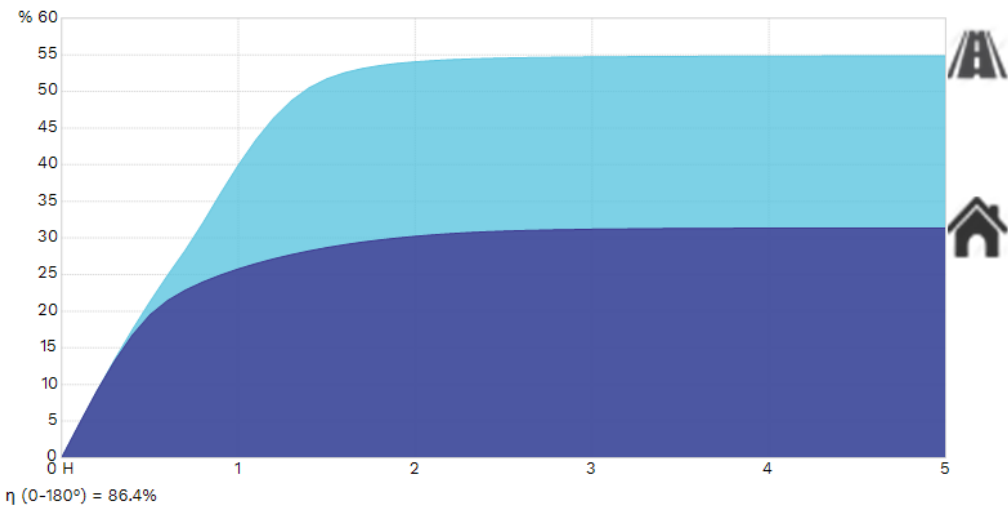




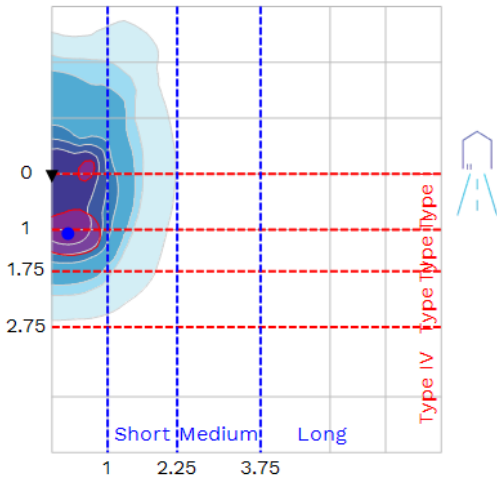
Isolux



K-Curve

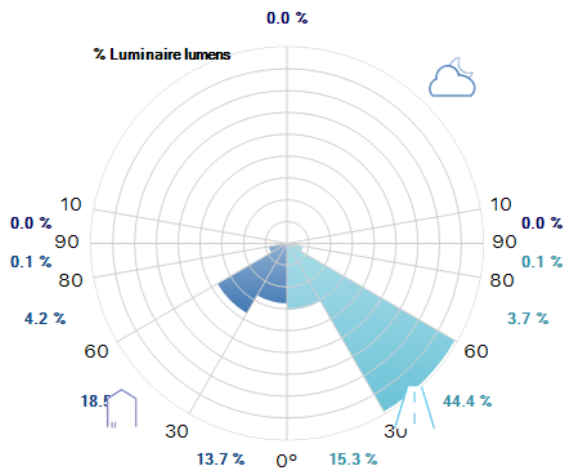


IES Roadway Classification / Nema Classification

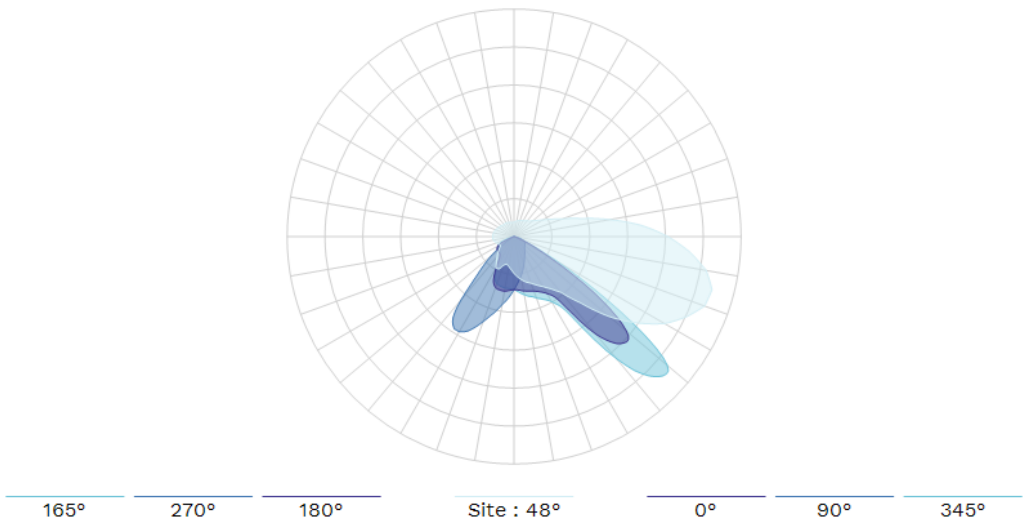


II - VeryShort

Luminaire classification system (LCS)



Intensity diagram in max Cone and in CPlane



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