EN

URBANO LED

Group in catalogue: INFRASTRUCTURAL LIGHTING

220-240V 50/60 Hz | IK 09 | IP 66 | LED

Professional streetlight luminaire for LED light sources.

TECHNICAL DATA

Mounting: on pillar ø60/76mm, on outriggers ø60/76mm
Body: high pressure die-cast aluminum
Lateral Surface Wind Exposed: 0.049 m^2
Colour: gray, graphite
Diffuser: tempered glass

ELECTRICAL DATA

Power supply efficiency: >93%
Power: 220-240V 50/60Hz
Includes light source: yes
Type of equipment: ED
Electrical connection: max 3x2,5 mm^2 wire, max 2x2,5 mm^2 wire

OPTICAL DATA

Light distribution: asymmetric
Way of lighting: direct
Type of optic: O1 - for freeways, O2 - for express roads, O3 - for local roads, O4 - for town roads, O5 - for residential area roads, O7 - for area lighting, O8 - for town and local roads

GENERAL DATA

ULOR / DLOR: 0% / 100%
Lifetime (L80B10): 100 000 h
Available on request: DALI, DIM 1..10V, LLOC, twilight sensor, 10kV surge protection, NTC
Additional information: Tilt adjustment jump: 5°, knife switch (for protection class I), access to the driver chamber without the use of tools
Warranty: 5 years
Application: freeways, express roads, local roads, town roads, residential area roads, area lighting

Code	Protection Class	Power LED [W]	Luminaire power [W]	Lumen LED [lm]	Lumen luminaire [lm]	Efficacy [lm/W]	Colour temperature [K]	CRI/Ra	Operating temperature range [°C]
Type: Regulation 0° ... +15°									
13019X.5L05.1X	I	103	113	13750	12800	113	4000	>70	-40 … +50
13019X.5L05.2X	II	103	113	13750	12800	113	4000	>70	-40 … +50
13019X.5L06.1X	I	103	113	13750	12800	113	5700	>70	-40 … +50
13019X.5L06.2X	II	103	113	13750	12800	113	5700	>70	-40 … +50
13019X.5L08.1X	I	153	166	20350	18800	113	4000	>70	-40 … +45
13019X.5L08.2X	II	153	166	20350	18800	113	4000	>70	-40 … +45
13019X.5L09.1X	I	153	166	20350	18800	113	5700	>70	-40 … +45
13019X.5L09.2X	II	153	166	20350	18800	113	5700	>70	-40 … +45
13019X.5L11.1X	I	190	206	24050	22000	107	4000	>70	-40 … +40
13019X.5L12.1X	I	190	206	24050	22000	107	5700	>70	-40 … +40
Type: Regulation -15° ... 0°									
13019X.5L05.1X1	I	103	113	13750	12800	113	4000	>70	-40 … +50
13019X.5L05.2X1	II	103	113	13750	12800	113	4000	>70	-40 … +50
13019X.5L06.1X1	I	103	113	13750	12800	113	5700	>70	-40 … +50
13019X.5L06.2X1	II	103	113	13750	12800	113	5700	>70	-40 … +50
13019X.5L08.1X1	I	153	166	20350	18800	113	4000	>70	-40 … +45
13019X.5L08.2X1	II	153	166	20350	18800	113	4000	>70	-40 … +45
13019X.5L09.1X1	I	153	166	20350	18800	113	5700	>70	-40 … +45
13019X.5L09.2X1	II	153	166	20350	18800	113	5700	>70	-40 … +45
13019X.5L11.1X1	I	190	206	24050	22000	107	4000	>70	-40 … +40
13019X.5L12.1X1	I	190	206	24050	22000	107	5700	>70	-40 … +40

Luminous flux tolerance +/- 10%.

The LUG Company reserves right to introduce any construction changes and improvements into the lighting luminaires

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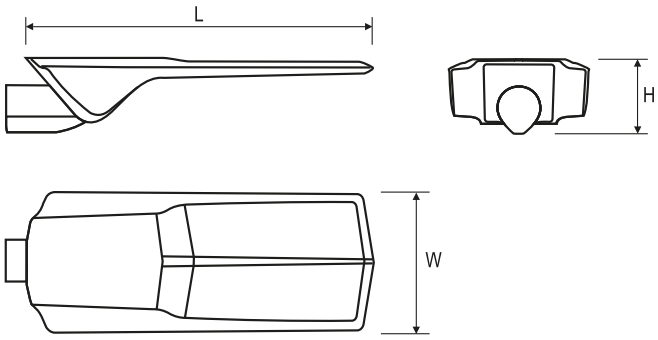
13019 [ ] .5L05.1 [ ]

Type of optic
- 1 O1 - for freeways
- 2 O2 - for express roads
- 3 O3 - for local roads
- 4 O4 - for town roads
- 5 O5 - for residential area roads
- 7 O7 - for area lighting
- 8 O8 - for town and local roads

Colour
- 2 gray
- 5 graphite

Code	Dimensions [mm] L W H	Pallet quantity	Quantity in package	Net weight [kg]
Type: Regulation 0° ... +15°				
13019X.5L05.1X	730 295 135	24	1	11.0
13019X.5L05.2X	730 295 135	24	1	11.0
13019X.5L06.1X	730 295 135	24	1	11.0
13019X.5L06.2X	730 295 135	24	1	11.0
13019X.5L08.1X	730 295 135	24	1	11.2
13019X.5L08.2X	730 295 135	24	1	11.2
13019X.5L09.1X	730 295 135	24	1	11.2
13019X.5L09.2X	730 295 135	24	1	11.2
13019X.5L11.1X	730 295 135	24	1	12.4
13019X.5L12.1X	730 295 135	24	1	12.4
Type: Regulation -15° ... 0°				
13019X.5L05.1X1	730 295 135	24	1	11.0
13019X.5L05.2X1	730 295 135	24	1	11.0
13019X.5L06.1X1	730 295 135	24	1	11.0
13019X.5L06.2X1	730 295 135	24	1	11.0
13019X.5L08.1X1	730 295 135	24	1	11.2
13019X.5L08.2X1	730 295 135	24	1	11.2
13019X.5L09.1X1	730 295 135	24	1	11.2
13019X.5L09.2X1	730 295 135	24	1	11.2
13019X.5L11.1X1	730 295 135	24	1	12.4
13019X.5L12.1X1	730 295 135	24	1	12.4



OTHER PICTURES

Luminous flux tolerance +/- 10%.

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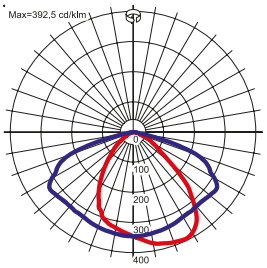
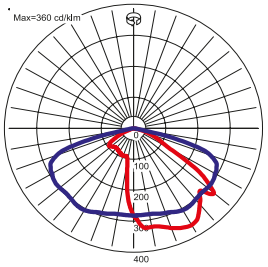
LIGHT BEAM CURVES

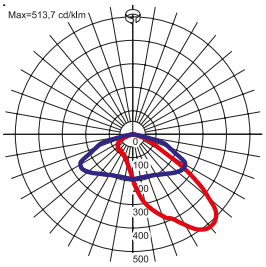
01 - for freeways



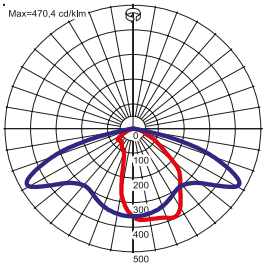
02 - for express roads



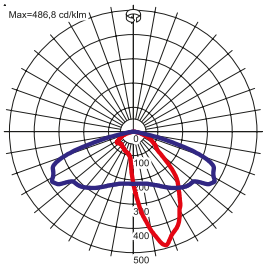
03 - for local roads



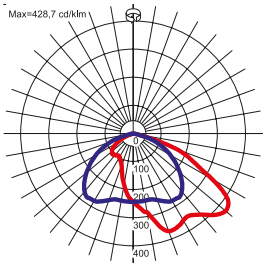
04 - for town roads



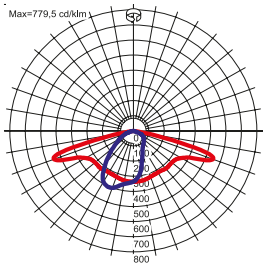
05 - for residential area roads



07 - for area lighting



08 - for town and local roads



OTHER PROJECTS

Gorzowska Street, Zielona Gora, Poland

Zjednoczenia Avenue, Zielona Góra, Poland

Luminous flux tolerance +/- 10%.

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