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
ULOR / DLOR: 0% / 100%

GENERAL DATA

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. The possibility of using one or more power supplies in the luminaire.
Other remarks: the pole is not part of the luminaire
Warranty: 5 years
Application: freeways, express roads, local roads, town roads, residential area roads, area lighting

Code	Protection Class	Luminaire power [W]	Lumen luminaire [lm]	Efficacy [lm/W]	Colour temperature [K]	CRI/Ra	Operating temperature range [°C]
Type: Regulation 0° ... +15°							
13019X.5L05.1X	I	105	12400	118	4000	>70	-40 ... +50
13019X.5L05.2X	II	103	12400	120	4000	>70	-40 ... +50
13019X.5L06.1X	I	105	12400	118	5700	>70	-40 ... +50
13019X.5L06.2X	II	103	12400	120	5700	>70	-40 ... +50
13019X.5L08.1X	I	155	18750	121	4000	>70	-40 ... +45
13019X.5L08.2X	II	153	18750	123	4000	>70	-40 ... +45
13019X.5L09.1X	I	155	18750	121	5700	>70	-40 ... +45
13019X.5L09.2X	II	153	18750	123	5700	>70	-40 ... +45
13019X.5L11.1X	I	200	22900	114	4000	>70	-40 ... +35
13019X.5L12.1X	I	200	22900	114	5700	>70	-40 ... +35
Type: Regulation -15° ... 0°							
13019X.5L05.1X1	I	105	12400	118	4000	>70	-40 ... +50
13019X.5L05.2X1	II	103	12400	120	4000	>70	-40 ... +50
13019X.5L06.1X1	I	105	12400	118	5700	>70	-40 ... +50
13019X.5L06.2X1	II	103	12400	120	5700	>70	-40 ... +50
13019X.5L08.1X1	I	155	18750	121	4000	>70	-40 ... +45
13019X.5L08.2X1	II	153	18750	123	4000	>70	-40 ... +45
13019X.5L09.1X1	I	155	18750	121	5700	>70	-40 ... +45
13019X.5L09.2X1	II	153	18750	123	5700	>70	-40 ... +45
13019X.5L11.1X1	I	200	22900	114	4000	>70	-40 ... +35

Luminous flux tolerance +/- 10%.
Power tolerance +/- 5%.
Lighting beam, light intensity distribution and light efficiency were examined in accordance with the EN ISO 17025:2005 norm for EN13032 norm series and the LM-79 norm.
Please note that the standard luminaire is not intended for use in an environment with a high degree of salinity. If it is required to adapt the luminaire to work in such an environment, please contact our Sales Department to confirm the possibility of using an additional protective coating.

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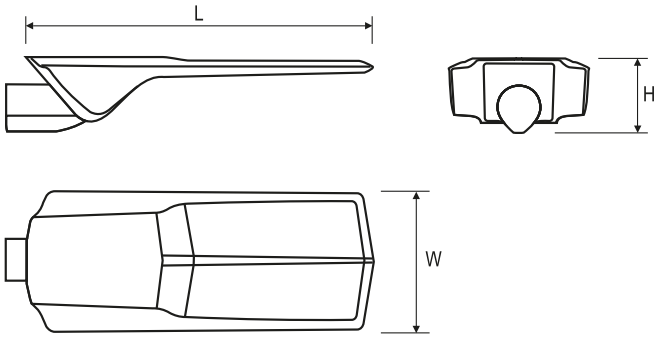
Code	Protection Class	Luminaire power [W]	Lumen luminaire [lm]	Efficacy [lm/W]	Colour temperature [K]	CRI/Ra	Operating temperature range [°C]
Type: Regulation -15° ... 0°							
13019X.5L12.1X1	I	200	22900	114	5700	>70	-40 ... +35

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



Luminous flux tolerance +/- 10%.
Power tolerance +/- 5%.
Lighting beam, light intensity distribution and light efficiency were examined in accordance with the EN ISO 17025:2005 norm for EN13032 norm series and the LM-79 norm.
Please note that the standard luminaire is not intended for use in an environment with a high degree of salinity. If it is required to adapt the luminaire to work in such an environment, please contact our Sales Department to confirm the possibility of using an additional protective coating.

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OTHER PICTURES

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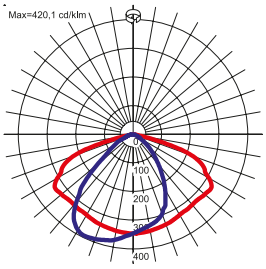
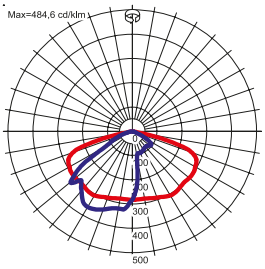
LIGHT BEAM CURVES

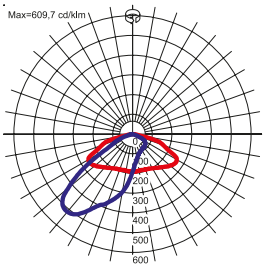
01 - for freeways



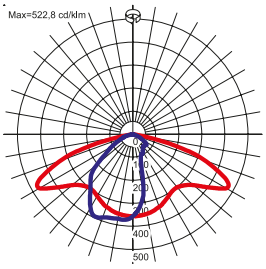
02 - for express roads



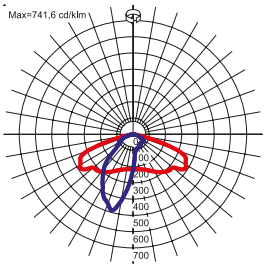
03 - for local roads



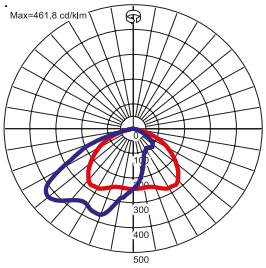
04 - for town roads



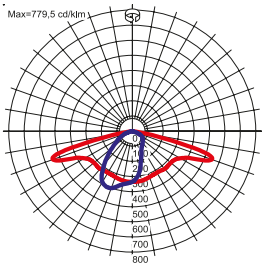
05 - for residential area roads



07 - for area lighting

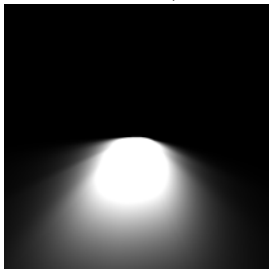


08 - for town and local roads

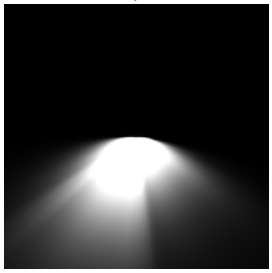


WAY OF LIGHTING

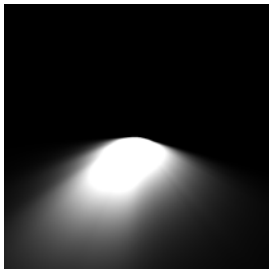
01 - for freeways



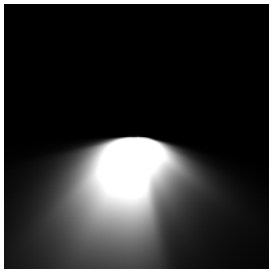
02 - for express roads



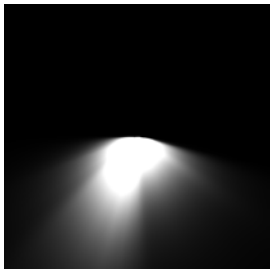
03 - for local roads



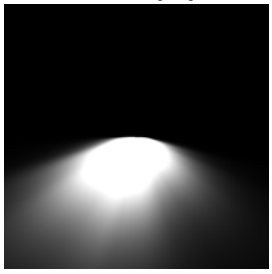
04 - for town roads



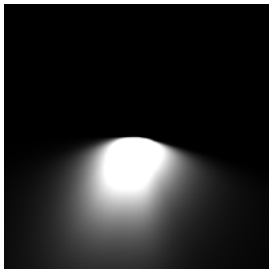
05 - for residential area roads



07 - for area lighting



08 - for town and local roads



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OTHER PROJECTS

Gorzowska Street, Zielona Gora, Poland

Zjednoczenia Avenue, Zielona Góra, Poland

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