EN

URBINO 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 ø60/48mm, on pillar ø76mm - modification .829, on outriggers ø60/48mm, on outriggers ø76mm - modification .829

Body: high pressure die-cast aluminum

Lateral Surface Wind Exposed: 0.039 m^2

Colour: gray

Diffuser: tempered glass

ELECTRICAL DATA

Power supply efficiency: >95%

Power: 220-240V 50/60Hz

Includes light source: yes

Type of equipment: ED, DALI/ED

Electrical connection: max 3x2,5 mm^2 wire, max 2x2,5 mm^2 wire, max 3x2,5 mm^2 / 5x2,5 mm^2 wire, max 2x2,5 mm^2 / 4x2,5 mm^2 wire

OPTICAL DATA

Way of lighting: direct

Type of optic: O33 - for express roads, O34 - for local roads, O35 - for town roads, O36 - for residential area roads, O37P - for pedestrian crossings, right side traffic, O37L - for pedestrian crossings, left side traffic, O38 - for area lighting, O39 - for town and local roads, O40 - for wet surfaces, O13 - for express roads, O14 - for local roads, O15 - for town roads, O16 - for residential area roads, O2 - for express roads, O3 - for local roads, O4 - for town roads, O5 - for residential area roads, O6P - for pedestrian crossings, right side traffic, O6L - for pedestrian crossings, left side traffic, O7 - for area lighting, O8 - for town and local roads, O26 - for wet surfaces, O59 - for local roads, O60 - for town roads, O61 - for residential area roads, OP2

ULOR / DLOR: 0% / 100%

GENERAL DATA

Lifetime LED (L90): 100 000 h

Available on request: DALI, DIM 1..10V, LLOC, twilight sensor, knife switch, 10kV surge protection, NTC

Additional information: Tilt adjustment: -15° to +15° (every 5°), CRI/Ra >70

Additional equipment: additional anti-corrosive protection (index extension: .985), access to the driver chamber without the use of tools (index extension: .825), luminaire with holder for mounting on a ø76mm pillar (index extension: .829)

Other remarks: the pole and boom are not part of the luminaire

Warranty: 5 years

Application: express roads, local roads, town roads, residential area roads, pedestrian crossings, area lighting, avenues, promenade, cycle paths, public spaces, parking areas

Code	Type of equipment	Luminaire power [W]	Lumen luminaire [lm]	Efficacy [lm/W]	Colour temperature [K]	CRI/Ra	Operating temperature range [°C]
Type: O33, O34, O35, O36, O37P, O37L, O38, O39, O40 optics							
130222.5L79X.XX1	ED	23	3150	137	3000	>70	* max +50
130222.5L74X.XX1	ED	23	3400	148	4000	>70	* max +50
130222.5L80X.XX1	ED	35	4850	139	3000	>70	* max +50
130222.5L75X.XX1	ED	35	5200	149	4000	>70	* max +50
130222.5L81X.XX1	ED	51	7100	139	3000	>70	* max +50
130222.5L76X.XX1	ED	51	7650	150	4000	>70	* max +50
130222.5L82X.XX1	ED	68	9350	138	3000	>70	* max +50
130222.5L77X.XX1	ED	68	10050	148	4000	>70	* max +50
130222.5L83X.XX1	ED	102	13500	132	3000	>70	* max +50
130222.5L78X.XX1	ED	102	14500	142	4000	>70	* max +50
Type: O13, O14, O15, O16 optics							

* Lower temperature range: -40°C to -20°C, depending on the type of power supply used (consultation with the LUG Technical Preparation of Production Branch is required).
Please note that the standard luminaire is not intended for use in an environment with an increased corrosivity category. The use of the luminaire for work in an environment for which additional corrosion protection is necessary requires the use of an index with the extension .985 (on request).
In order to apply the luminaire in an aggressive environment, for example with an increased concentration of sulfur, salt or other aggressive substances, a consultation with the LUG Technical Preparation of Production Branch is required.
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.
Up-to-date product info and General Warranty Terms available on our website www.luglightfactory.com
Detailed information on luminous fluxes and powers for individual indexes are indicated on the product data sheet.
The parameters in the data sheet are given for Ta=25°C.

EN

URBINO LED

Group in catalogue: INFRASTRUCTURAL LIGHTING

Code	Type of equipment	Luminaire power [W]	Lumen luminaire [lm]	Efficacy [lm/W]	Colour temperature [K]	CRI/Ra	Operating temperature range [°C]
Type: O13, O14, O15, O16 optics							
130222.6L30X.XX1	DALI/ED	27	3350	124	3000	>70	* max +50
130222.6L84X.XX1	DALI/ED	27	3400	126	4000	>70	* max +50
130222.6L31X.XX1	DALI/ED	35	4500	129	3000	>70	* max +50
130222.6L85X.XX1	DALI/ED	35	4500	129	4000	>70	* max +50
130222.6L32X.XX1	DALI/ED	51	6600	129	3000	>70	* max +50
130222.6L86X.XX1	DALI/ED	51	6600	129	4000	>70	* max +50
130222.6L33X.XX1	DALI/ED	76	10050	132	3000	>70	* max +50
130222.6L87X.XX1	DALI/ED	76	10100	133	4000	>70	* max +50
130222.6L34X.XX1	DALI/ED	99	13050	132	3000	>70	* max +50
130222.6L88X.XX1	DALI/ED	99	13100	132	4000	>70	* max +50
130222.6L35X.XX1	DALI/ED	128	16150	126	3000	>70	* max +40
130222.6L89X.XX1	DALI/ED	128	16200	127	4000	>70	* max +40
130222.6L36X.XX1	DALI/ED	157	19050	121	3000	>70	* max +35
130222.6L90X.XX1	DALI/ED	157	19050	121	4000	>70	* max +35
Type: O2, O3, O4, O5, O6P, O6L, O7, O8, O26, O59, O60, O61 optics							
130222.5L42X.XX1	ED	27	3150	117	3000	>70	* max +50
130222.5L01X.XX1	ED	27	3300	122	4000	>70	* max +50
130222.5L43X.XX1	ED	36	4150	115	3000	>70	* max +50
130222.5L13X.XX1	ED	36	4300	119	4000	>70	* max +50
130222.5L44X.XX1	ED	53	6200	117	3000	>70	* max +50
130222.5L04X.XX1	ED	53	6400	121	4000	>70	* max +50
130222.5L45X.XX1	ED	80	9650	121	3000	>70	* max +50
130222.5L07X.XX1	ED	80	10050	126	4000	>70	* max +50
130222.5L46X.XX1	ED	102	12700	125	3000	>70	* max +50
130222.5L10X.XX1	ED	102	13200	129	4000	>70	* max +50
Type: O2, O3, O4, O5, O6P, O6L, O7, O8, O26 optics							
130222.5L02X.XX1	ED	27	3300	122	5700	>70	* max +50
130222.5L14X.XX1	ED	36	4300	119	5700	>70	* max +50
130222.5L05X.XX1	ED	53	6400	121	5700	>70	* max +50
130222.5L08X.XX1	ED	80	10050	126	5700	>70	* max +50
130222.5L11X.XX1	ED	102	13200	129	5700	>70	* max +50
Type: OP2 optics							
130222.5L731.111	ED	80	9300	116	3000	>70	* max +50

* Lower temperature range: -40°C to -20°C, depending on the type of power supply used (consultation with the LUG Technical Preparation of Production Branch is required).
Please note that the standard luminaire is not intended for use in an environment with an increased corrosivity category. The use of the luminaire for work in an environment for which additional corrosion protection is necessary requires the use of an index with the extension .985 (on request).
In order to apply the luminaire in an aggressive environment, for example with an increased concentration of sulfur, salt or other aggressive substances, a consultation with the LUG Technical Preparation of Production Branch is required.
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.
Up-to-date product info and General Warranty Terms available on our website www.luglightfactory.com
Detailed information on luminous fluxes and powers for individual indexes are indicated on the product data sheet.
The parameters in the data sheet are given for Ta=25°C.

EN

URBINO LED

Group in catalogue: INFRASTRUCTURAL LIGHTING

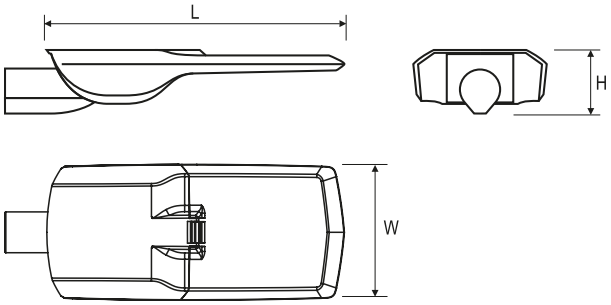
130222.5L01 [ ] . [ ] 1. [ ]

Type of luminaires
- 985 Luminaire with an additional anti-corrosion protection on request
- 825 Access to the driver chamber without the use of tools on request
- 829 Luminaire with holder for mounting on a ø76mm pillar on request

Type of optic
- 01 O2 - for express roads
- 02 O3 - for local roads
- 03 O4 - for town roads
- 04 O5 - for residential area roads
- 05 O6P - for pedestrian crossings, right side traffic
- 09 O6L - for pedestrian crossings, left side traffic
- 06 O7 - for area lighting
- 08 O8 - for town and local roads
- 10 O26 - for wet surfaces
- 12 O33 - for express roads
- 13 O34 - for local roads
- 14 O35 - for town roads
- 15 O36 - for residential area roads
- 16 O37P - for pedestrian crossings, right side traffic
- 17 O37L - for pedestrian crossings, left side traffic
- 18 O38 - for area lighting
- 19 O39 - for town and local roads
- 20 O40 - for wet surfaces
- 30 O13 - for express roads
- 31 O14 - for local roads
- 32 O15 - for town roads
- 33 O16 - for residential area roads
- 35 O59 - for local roads
- 36 O60 - for town roads
- 37 O61 - for residential area roads

Protection Class
- 1 I
- 2 II

Code	Dimensions [mm] L W H	Pallet quantity	Quantity in package	Net weight [kg]
Type: O33, O34, O35, O36, O37P, O37L, O38, O39, O40 optics				
130222.5L79X.XX1	550 250 100	50	1	6.8
130222.5L74X.XX1	550 250 100	50	1	6.8
130222.5L80X.XX1	550 250 100	50	1	6.8
130222.5L75X.XX1	550 250 100	50	1	6.8
130222.5L81X.XX1	550 250 100	50	1	6.8
130222.5L76X.XX1	550 250 100	50	1	6.8
130222.5L82X.XX1	550 250 100	50	1	6.8
130222.5L77X.XX1	550 250 100	50	1	6.8
130222.5L83X.XX1	550 250 100	50	1	6.8
130222.5L78X.XX1	550 250 100	50	1	6.8
Type: O13, O14, O15, O16 optics				
130222.6L30X.XX1	550 250 100	50	1	7.0
130222.6L84X.XX1	550 250 100	50	1	7.0
130222.6L31X.XX1	550 250 100	50	1	7.0
130222.6L85X.XX1	550 250 100	50	1	7.0
130222.6L32X.XX1	550 250 100	50	1	7.0
130222.6L86X.XX1	550 250 100	50	1	7.0
130222.6L33X.XX1	550 250 100	50	1	7.0
130222.6L87X.XX1	550 250 100	50	1	7.0
130222.6L34X.XX1	550 250 100	50	1	7.0



* Lower temperature range: -40°C to -20°C, depending on the type of power supply used (consultation with the LUG Technical Preparation of Production Branch is required).
Please note that the standard luminaire is not intended for use in an environment with an increased corrosivity category. The use of the luminaire for work in an environment for which additional corrosion protection is necessary requires the use of an index with the extension .985 (on request).
In order to apply the luminaire in an aggressive environment, for example with an increased concentration of sulfur, salt or other aggressive substances, a consultation with the LUG Technical Preparation of Production Branch is required.
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.
Up-to-date product info and General Warranty Terms available on our website www.luglightfactory.com
Detailed information on luminous fluxes and powers for individual indexes are indicated on the product data sheet.
The parameters in the data sheet are given for Ta=25°C.

EN

URBINO LED

Group in catalogue: INFRASTRUCTURAL LIGHTING

Code	Dimensions [mm] L W H	Pallet quantity	Quantity in package	Net weight [kg]
Type: O13, O14, O15, O16 optics				
130222.6L88X.XX1	550 250 100	50	1	7.0
130222.6L35X.XX1	550 250 100	50	1	7.0
130222.6L89X.XX1	550 250 100	50	1	7.0
130222.6L36X.XX1	550 250 100	50	1	7.0
130222.6L90X.XX1	550 250 100	50	1	7.0
Type: O2, O3, O4, O5, O6P, O6L, O7, O8, O26, O59, O60, O61 optics				
130222.5L42X.XX1	550 250 100	50	1	6.8
130222.5L01X.XX1	550 250 100	50	1	6.8
130222.5L43X.XX1	550 250 100	50	1	6.8
130222.5L13X.XX1	550 250 100	50	1	6.8
130222.5L44X.XX1	550 250 100	50	1	6.8
130222.5L04X.XX1	550 250 100	50	1	6.8
130222.5L45X.XX1	550 250 100	50	1	6.8
130222.5L07X.XX1	550 250 100	50	1	6.8
130222.5L46X.XX1	550 250 100	50	1	6.8
130222.5L10X.XX1	550 250 100	50	1	6.8
Type: O2, O3, O4, O5, O6P, O6L, O7, O8, O26 optics				
130222.5L02X.XX1	550 250 100	50	1	6.8
130222.5L14X.XX1	550 250 100	50	1	6.8
130222.5L05X.XX1	550 250 100	50	1	6.8
130222.5L08X.XX1	550 250 100	50	1	6.8
130222.5L11X.XX1	550 250 100	50	1	6.8
Type: OP2 optics				
130222.5L731.111	550 250 100	50	1	6.8

* Lower temperature range: -40°C to -20°C, depending on the type of power supply used (consultation with the LUG Technical Preparation of Production Branch is required).
Please note that the standard luminaire is not intended for use in an environment with an increased corrosivity category. The use of the luminaire for work in an environment for which additional corrosion protection is necessary requires the use of an index with the extension .985 (on request).
In order to apply the luminaire in an aggressive environment, for example with an increased concentration of sulfur, salt or other aggressive substances, a consultation with the LUG Technical Preparation of Production Branch is required.
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.
Up-to-date product info and General Warranty Terms available on our website www.luglightfactory.com
Detailed information on luminous fluxes and powers for individual indexes are indicated on the product data sheet.
The parameters in the data sheet are given for Ta=25°C.

EN

URBINO LED

Group in catalogue: INFRASTRUCTURAL LIGHTING

OTHER PICTURES









Luminaire with tool-free access to the power supply chamber (on request)

Luminaire with holder for mounting on a ø76mm pillar (on request)

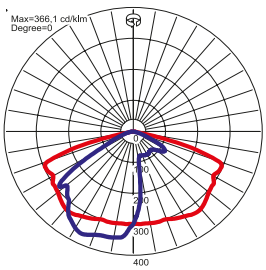
ACCESSORIES

☐ 150170.00818
■ 150173.00906

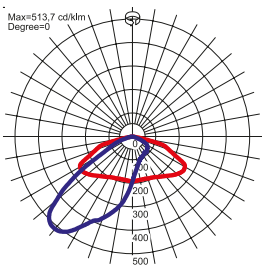
Wall bracket ø60mm

LIGHT BEAM CURVES

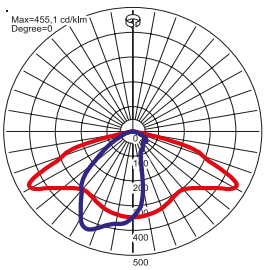
02 - for express roads



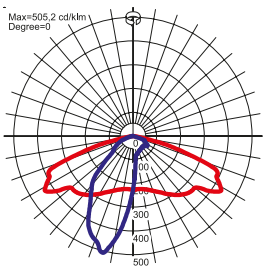
03 - for local roads



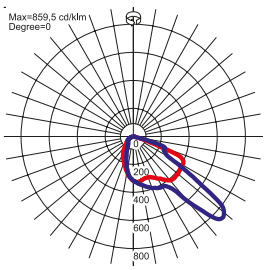
04 - for town roads



05 - for residential area roads



06P - for pedestrian crossings, right side traffic



06L - for pedestrian crossings, left side traffic

07 - for area lighting

08 - for town and local roads

026 - for wet surfaces

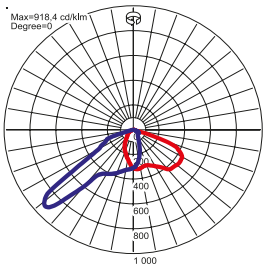
059 - for local roads

* Lower temperature range: -40°C to -20°C, depending on the type of power supply used (consultation with the LUG Technical Preparation of Production Branch is required).
Please note that the standard luminaire is not intended for use in an environment with an increased corrosivity category. The use of the luminaire for work in an environment for which additional corrosion protection is necessary requires the use of an index with the extension .985 (on request).
In order to apply the luminaire in an aggressive environment, for example with an increased concentration of sulfur, salt or other aggressive substances, a consultation with the LUG Technical Preparation of Production Branch is required.
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.
Up-to-date product info and General Warranty Terms available on our website www.luglightfactory.com
Detailed information on luminous fluxes and powers for individual indexes are indicated on the product data sheet.
The parameters in the data sheet are given for Ta=25°C.

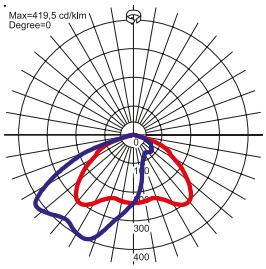
EN

URBINO LED

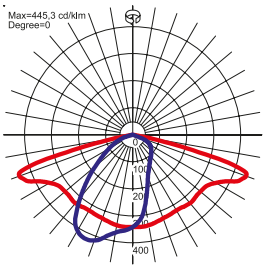
Group in catalogue: INFRASTRUCTURAL LIGHTING



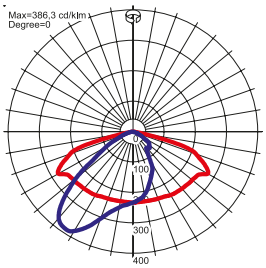
060 - for town roads



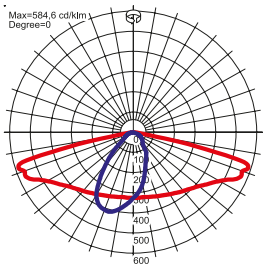
061 - for residential area roads



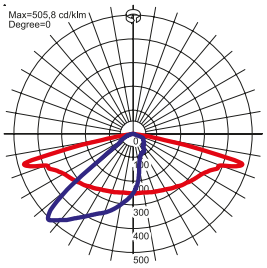
033 - for express roads



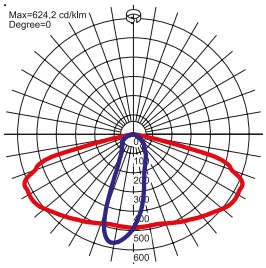
034 - for local roads



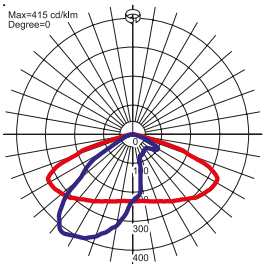
035 - for town roads



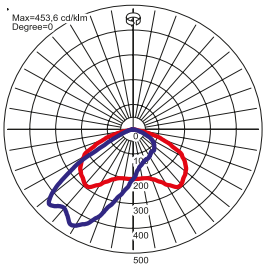
036 - for residential area roads



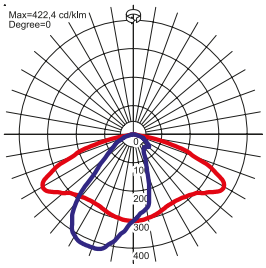
037P - for pedestrian crossings, right side traffic



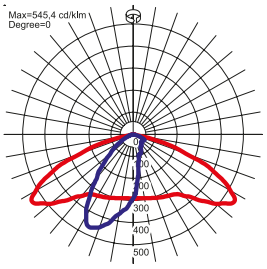
037L - for pedestrian crossings, left side traffic



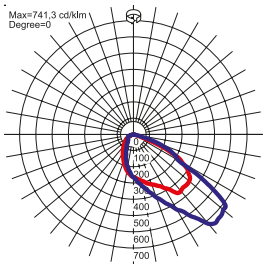
038 - for area lighting



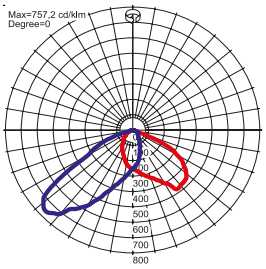
039 - for town and local roads



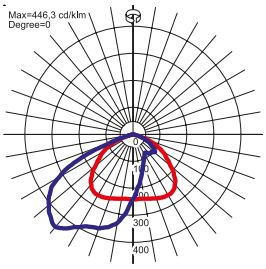
040 - for wet surfaces



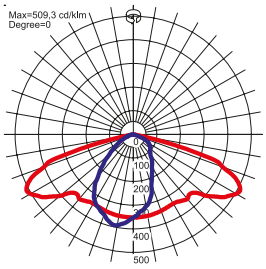
013 - for express roads



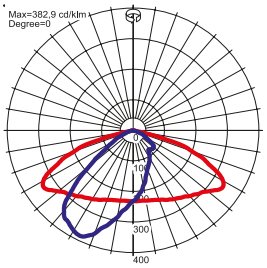
014 - for local roads



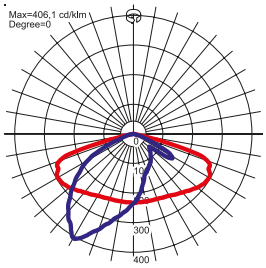
015 - for town roads

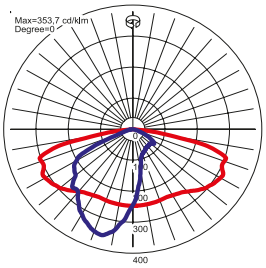


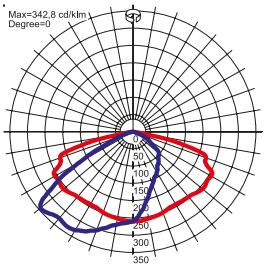
016 - for residential area roads

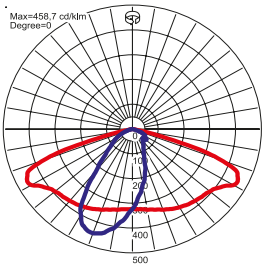


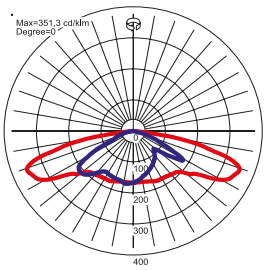
130222.5L731.111











* Lower temperature range: -40°C to -20°C, depending on the type of power supply used (consultation with the LUG Technical Preparation of Production Branch is required).
Please note that the standard luminaire is not intended for use in an environment with an increased corrosivity category. The use of the luminaire for work in an environment for which additional corrosion protection is necessary requires the use of an index with the extension .985 (on request).
In order to apply the luminaire in an aggressive environment, for example with an increased concentration of sulfur, salt or other aggressive substances, a consultation with the LUG Technical Preparation of Production Branch is required.
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.
Up-to-date product info and General Warranty Terms available on our website www.luglightfactory.com
Detailed information on luminous fluxes and powers for individual indexes are indicated on the product data sheet.
The parameters in the data sheet are given for Ta=25°C.

Date of issue: 9-4-2020

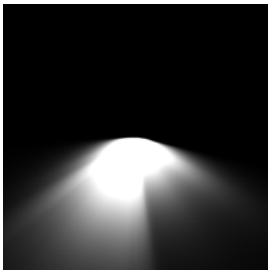
EN

URBINO LED

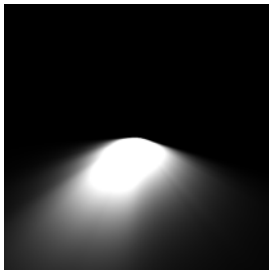
Group in catalogue: INFRASTRUCTURAL LIGHTING

WAY OF LIGHTING

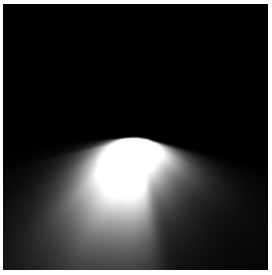
02 - for express roads



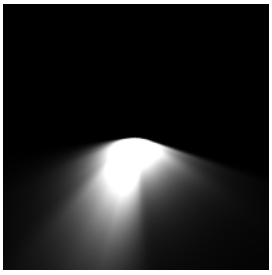
03 - for local roads



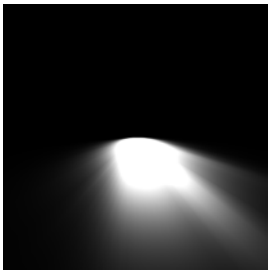
04 - for town roads



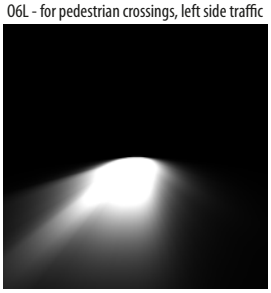
05 - for residential area roads



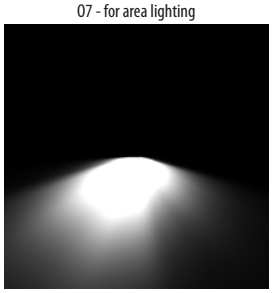
06P - for pedestrian crossings, right side traffic



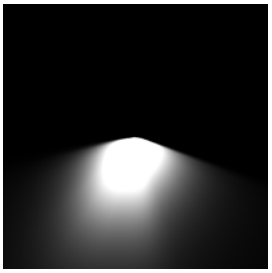
06L - for pedestrian crossings, left side traffic



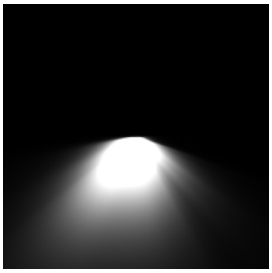
07 - for area lighting



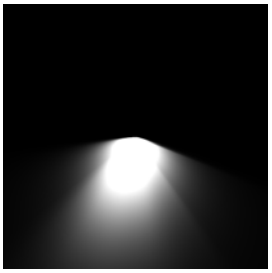
08 - for town and local roads



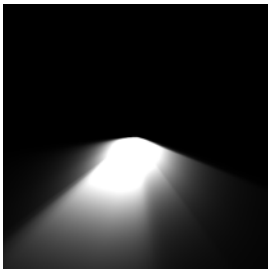
026 - for wet surfaces



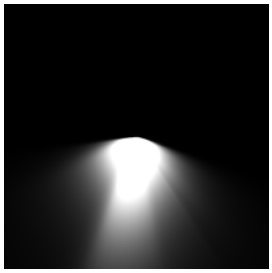
059 - for local roads



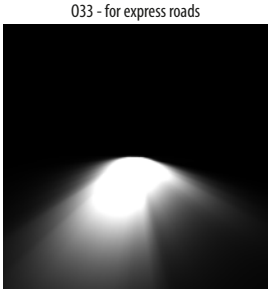
060 - for town roads



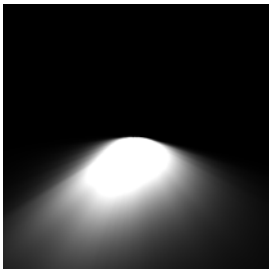
061 - for residential area roads



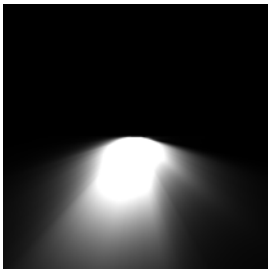
033 - for express roads



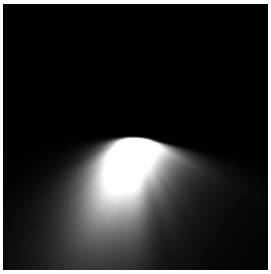
034 - for local roads



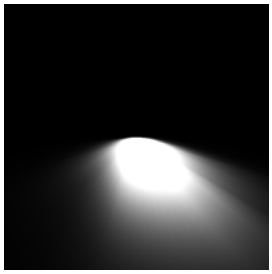
035 - for town roads



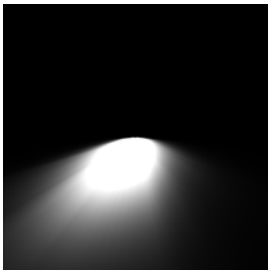
036 - for residential area roads



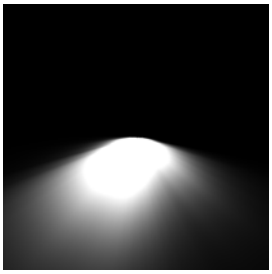
037P - for pedestrian crossings, right side traffic



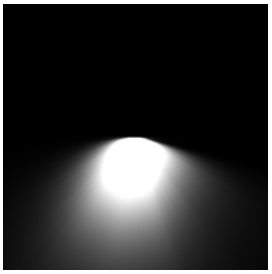
037L - for pedestrian crossings, left side traffic



038 - for area lighting



039 - for town and local roads



040 - for wet surfaces

013 - for express roads

014 - for local roads

015 - for town roads

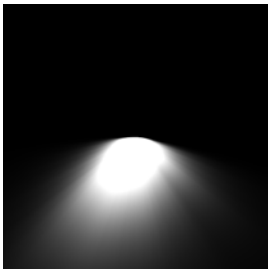
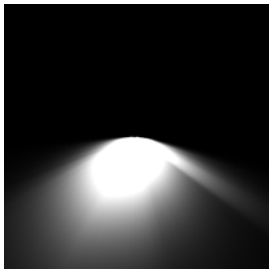
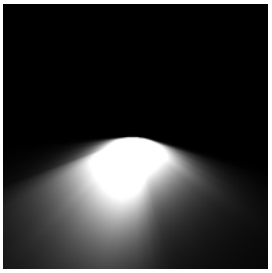
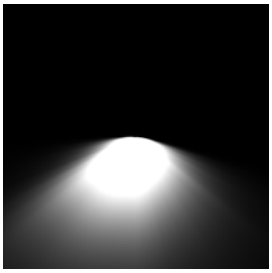
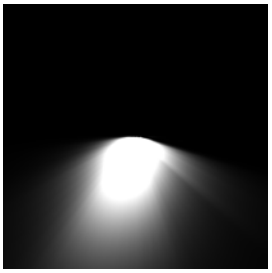
016 - for residential area roads

* Lower temperature range: -40°C to -20°C, depending on the type of power supply used (consultation with the LUG Technical Preparation of Production Branch is required).
Please note that the standard luminaire is not intended for use in an environment with an increased corrosivity category. The use of the luminaire for work in an environment for which additional corrosion protection is necessary requires the use of an index with the extension .985 (on request).
In order to apply the luminaire in an aggressive environment, for example with an increased concentration of sulfur, salt or other aggressive substances, a consultation with the LUG Technical Preparation of Production Branch is required.
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.
Up-to-date product info and General Warranty Terms available on our website www.luglightfactory.com
Detailed information on luminous fluxes and powers for individual indexes are indicated on the product data sheet.
The parameters in the data sheet are given for Ta=25°C.

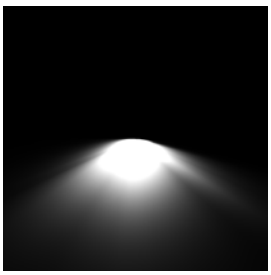
EN

URBINO LED

Group in catalogue: INFRASTRUCTURAL LIGHTING

130222.5L731.111



OTHER PROJECTS

Sława, Lubuskie voivodeship, Poland

Zjednoczenia Avenue, Zielona Góra, Poland

Olszyna, Poland

LHL Hospital, Oslo, Norway

Preussen, Ludwigsfelde, Germany

Westerplatte, Zielona Góra, Poland

* Lower temperature range: -40°C to -20°C, depending on the type of power supply used (consultation with the LUG Technical Preparation of Production Branch is required).
Please note that the standard luminaire is not intended for use in an environment with an increased corrosivity category. The use of the luminaire for work in an environment for which additional corrosion protection is necessary requires the use of an index with the extension .985 (on request).
In order to apply the luminaire in an aggressive environment, for example with an increased concentration of sulfur, salt or other aggressive substances, a consultation with the LUG Technical Preparation of Production Branch is required.
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.
Up-to-date product info and General Warranty Terms available on our website www.luglightfactory.com
Detailed information on luminous fluxes and powers for individual indexes are indicated on the product data sheet.
The parameters in the data sheet are given for Ta=25°C.

Date of issue: 9-4-2020

EN

URBINO LED

Group in catalogue: INFRASTRUCTURAL LIGHTING

Transfer Center, Zielona Góra, Poland

Zdrojowa, Zielona Góra, Poland

Herberta, Zielona Góra, Poland

Komorniki, Poland

* Lower temperature range: -40°C to -20°C, depending on the type of power supply used (consultation with the LUG Technical Preparation of Production Branch is required).
Please note that the standard luminaire is not intended for use in an environment with an increased corrosivity category. The use of the luminaire for work in an environment for which additional corrosion protection is necessary requires the use of an index with the extension .985 (on request).
In order to apply the luminaire in an aggressive environment, for example with an increased concentration of sulfur, salt or other aggressive substances, a consultation with the LUG Technical Preparation of Production Branch is required.
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.
Up-to-date product info and General Warranty Terms available on our website www.luglightfactory.com
Detailed information on luminous fluxes and powers for individual indexes are indicated on the product data sheet.
The parameters in the data sheet are given for Ta=25°C.

Date of issue: 9-4-2020