



HANGING

HIGH EFFICIENCY
LED STREET LUMINAIRES
MADE IN THE EU

 Address

Šuceva 27, 4000 Kranj,
Slovenia, EUROPE

 Contact info

E-mail: luxtella@luxtella.com
WWW.LUXTELLA.COM
Tel: + 386 4 20 20 246
Fax: + 386 4 204 21 22

 luxtella

TECHNICAL DATA

Luxtella street hanging luminaires are technical luminaires that are designed to fulfil the most demanding light calculation scenes like S, ME and CE classes with different adaptation to local lighting standards.

Electrical characteristics
<ul style="list-style-type: none"> • 220 - 240 V (50 - 60 Hz) input voltage range • 110 - 277 V (50 - 60 Hz) input voltage range upon request • Power factor at full load more than 0,95 • Total harmonic distortion (THD) 8 % • Up to 94 % driver efficiency at full load with Philips Xitanium LED driver • Dimming options: Lumistep, Line switch, DALI, 1 - 10 V and Dynadimmer (autonomous dimming) upon request • 6 kV differential mode and 8 kV common mode standard surge protection. 10 kV surge protection upon request • Protection class I or protection class II



Mechanical characteristics
<ul style="list-style-type: none"> • Housing made of aluminium • Hanging connector is designed for metal wires diameter from 4 - 12 mm • Possibility to change Inclination and to rotate the lamp for 360°. • Equipped with connecting electrical cable 8 m, longer / shorter cables upon request • Finish made of anodisation and dust painted with epoxy paint thermal treatment to ensure long-term environmental protection against all weather conditions. RAL 9006 or on upon request • All screws are made of stainless steel • All gaskets are made of ozone and UV resistant silicone for IP66 protections

LEDs



We use highly efficient & reliable Cree LEDs which ensure long term operation

for the lifetime of the luminaire and highest lm/w efficiency in the industry. In the spreadsheet below the total – system W is stated. Below power (W) of lamp is a result in the working mode of lamp (app. 1.5h after a lamp is turned on). Below lumen is LED lumen. System lumen is available for each optic in IES files and is lower than the LED lumen by app. 5 % (depending on the type of lens). Different colour temperatures are available upon request. The below results in the table are written for 4000 K and 3000 K (average results). We can also supply Luxtella with a different lumen output upon request.

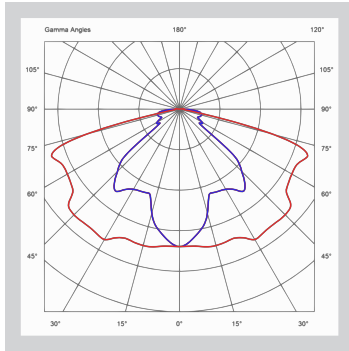


LED lumen output				
No. of LEDs	Current [mA]	4000K - 6500K [lm]	3000K [lm]	Input power [W]
24	500	5750	4950	38
	600	6700	5800	45
	700	7600	6600	53
	800	8500	7350	60
	900	9300	8050	68
	1000	10100	8700	76
48	500	11250	9700	72
	600	13150	11350	87
	700	14900	12900	102
	800	16600	14350	117
	900	18200	15750	132
	1000	19700	17050	148
72	650	20400	17650	141
	700	21600	18650	151
	750	23000	19850	162
	800	24000	20800	173
	850	25000	21700	186
	900	26000	22550	200

OPTICAL DATA

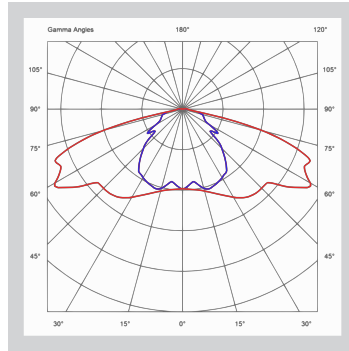
Optical characteristics

- As a standard we are using PMMA that is 100 % UV resistant which prevents yellowing over the entire life time of the lenses
- Polycarbonate lenses ensure high impact resistance
- Photometric IES files are available upon request
- Option with cover tempered glass available



Optic H

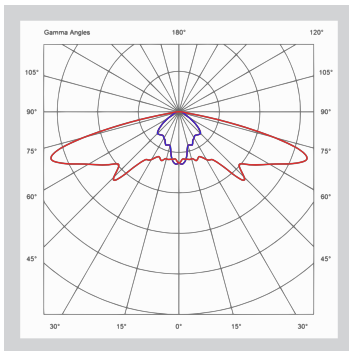
Optimised for ME road classes and wider roads (IESNA TYPE III). Pole height from 7 – 12 m, pole spacing from 25 – 45 m.



Optic D

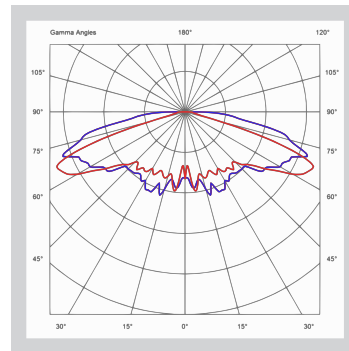
Optimised for S road lighting classes with narrow roads (IESNA TYPE II/III) Pole height from 4 – 8 m, pole spacing from 25 – 45 m.

*upon request we can also supply a modified optic D without back spill light.



Optic O

Wide beam optics (IESNA TYPE II) optimised for long pole distances, pedestrian & bike paths. Pole height from 4 – 9 m, pole spacing from 30 – 55 m.



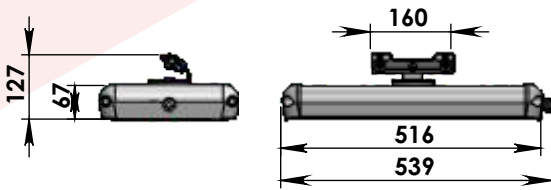
Optic M

Forward-throw beam optics (IESNA TYPE IV) optimised for wide outdoor areas and parking lots. Pole height from 6 – 12 m, pole spacing from 15 – 25 m.



MECHANICAL DATA

Dimensions:



- Gross weight: 7,8 kg
- Net weight: 7,2 kg
- Wind area: 0,035 m²
- Box dimension: 60 x 30 x 20 cm
- Full euro pallet dimension: 24 units: 80 x 120 x 150 cm

Operating temperature from -40°C up to 50°C.

Our standard warranty (acc. warranty conditions) is 5 years but the warranty may be extended for up to 10 years.



Company certified with

The manufacturer reserves all rights to make changes in the materials and components used in its products. All data is subject to change without prior notice.

Luxtella is the brand name of luminaires produced by

📍 Address

Le-tehnika d.o.o.
Šuceva 27, 4000
Kranj, Slovenia,
EUROPE

☎ Contact info

Tel: + 386 4 20 20 246
Fax: + 386 4 204 21 22

🌐 web Info

WWW.LUXTELLA.COM

Updated: July 2018