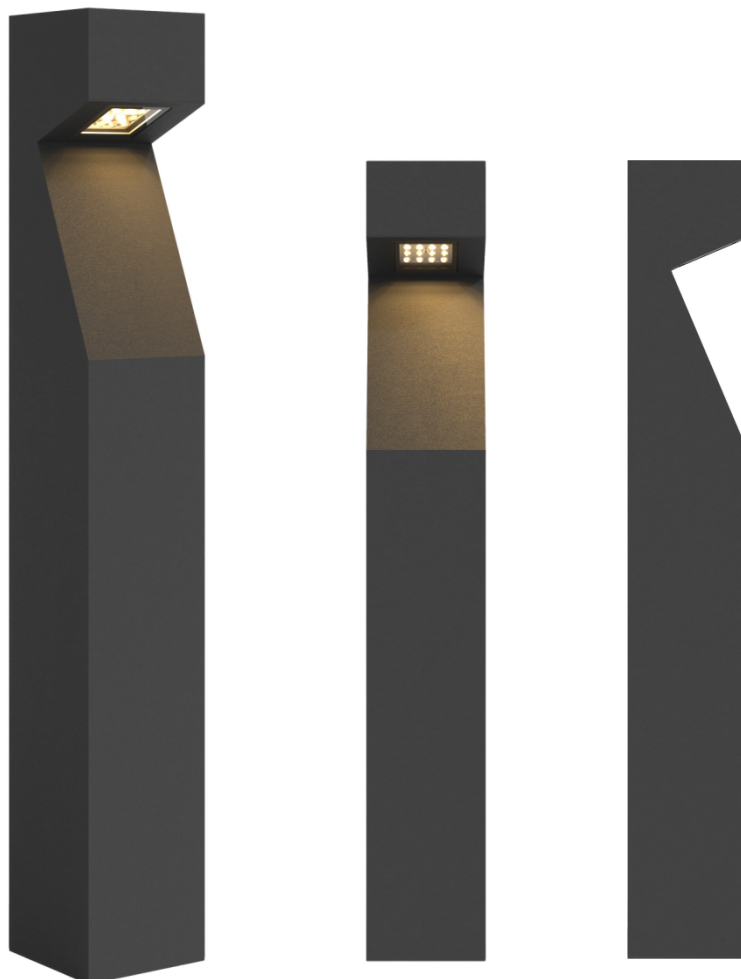


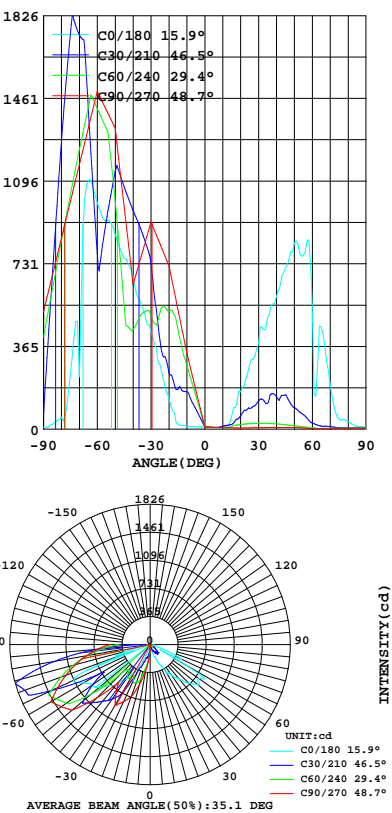
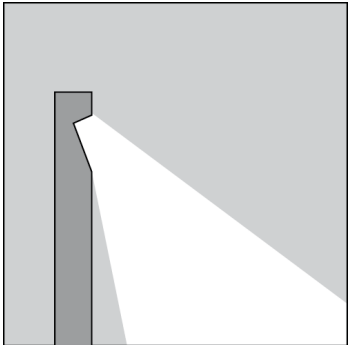
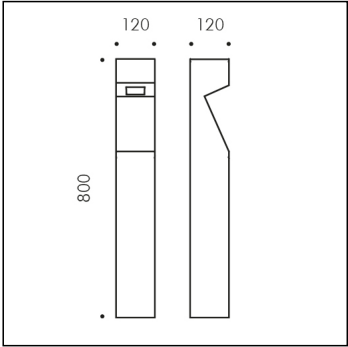
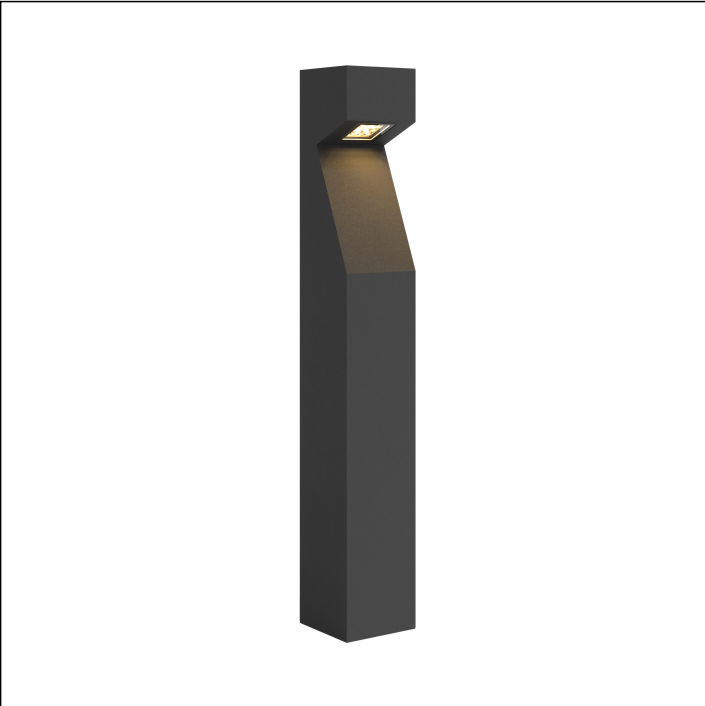


# Bollard

**LT-XL** is a bollard with a strong personality and design. Three kinds of light distribution guarantees an optimum light distribution. Its solid structure and robustness make it suitable for the installation in urban environment.



LT-XL-10W-XXXX-TX



Light Source Technical Data

|                                    |                |
|------------------------------------|----------------|
| Light source type:                 | CREE3030       |
| Colour temperature:                | 3000-4000K     |
| Rated luminaire luminous flux:     | 900lm          |
| Rated input power:                 | 10W            |
| Luminaire efficacy:                | 90lm/W         |
| Color Rendering Index:             | CRI 80         |
| Standard Deviation Color Matching: | MacAdam step 3 |

Power Supply Technical Data

|                     |                          |
|---------------------|--------------------------|
| Voltage (AC):       | 220-240Vac               |
| Frequency (AC):     | 50/60Hz                  |
| Options :           | DALI2; PUSH              |
| Surface treatment : | Polyester powder coating |
| Surface color :     | Black                    |

Technical Installation Data

|                              |                           |
|------------------------------|---------------------------|
| Electrical insulation class: | I                         |
| Protection class IP:         | IP65                      |
| Mechanical resistance:       | IK06                      |
| Weight:                      | 2.45Kg                    |
| Power cable:                 | 1m - 3*1.0mm <sup>2</sup> |

Temperature and life time Technical Data

|                                      |  |
|--------------------------------------|--|
| LED Lifetime:                        | Ta 25°C L80 B10 70.000h<br>Ta 40°C L80 B10 50.000h |
| Lifespan of the LUMINAIRE:           | Ta 40°C > 50.000h                                  |
| Performance ambient temperature:     | Tq 25°C  |
| Operating ambient temperature range: | da -30°C a +40°C                                   |
| Storage temperature range:           | da -30°C a +40°C                                   |

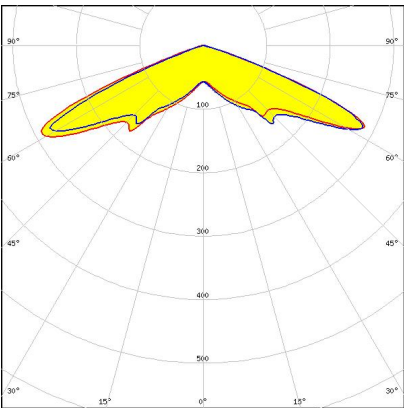
Accessories:



FLANGE FOR BOLLARD

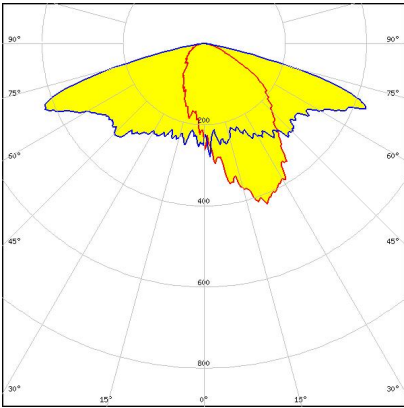
120 mm flange to be fixed in concrete with stainless steel screws for fixing in the ground.  
\*Need to be purchased separately

Type V



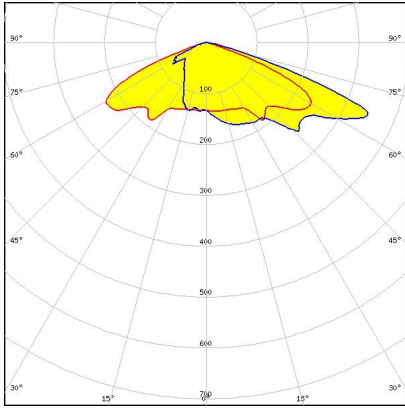
IESNA Type V (square) beam for wide areas such as car parks.

Type II



IESNA Type II (medium) beam, applicable for European P-class standard pedestrian lighting and M-class roads

Type IV



IESNA Type IV for wider roads and area lighting like car parks and yards.