



## URBAN 01 - M

### Typology

Urban 01 street lights are the solution for residential lighting. Perfect for tree-lined avenues, gardens, car parks and outdoor residential and commercial areas. IP65.

### Features

With an efficiency of 160 lm/W, they offer an operating saving of 90% (without taking into account the reduced need for technical intervention) compared to older discharge lamp systems, pay for themselves in a short time and provide effective, long-lasting and flicker-free lighting.

### Installation

Can be used on standard 60 mm poles and wall arms. Rotation joint up to 90 degrees. Equipped with 6kV overvoltage protection required for use in public environments.

### Material

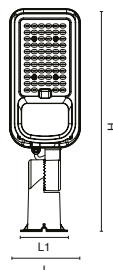
Die-cast aluminium body with epoxy paint finish. Transparent polycarbonate screen with high light transmission and diffusion.

<b>PRO</b>	100-240 Vac	Ra 70		50000 h L70B20	IP65	IK06	Free Wire	-25°C +40°C	Risk Group 1
	<b>FLICKER FREE</b>								

### Characteristic data

Power	100 W	Dimmable	No	Input	100-240 Vac	Base	Free Wire
IP	65	Flux	14850 lm	Axis	4900 cd	PF	0,91
Tc	4000 K	Ra	70	LED Warranty	G5h24	IK	IK06
RG	RG1						

### Dimensional characteristics



L	179 mm
L1	95 mm
H	567 mm

## Lighting and photometric features

Flux	14850 lm
Axis	4900 cd
CCT nominal colour temperature	4000 K
Colour of the light	Natural light
Colour rendering index	70
Lifespan	50000 h
LED lifespan	L70B20

## Electrical characteristics

Rated power	100 W
Input voltage	100-240 Vac
Frequency	50/60 Hz
Dimmable	No
Power factor (PF)	0,91
Operating temperature	-25°C / +40°C

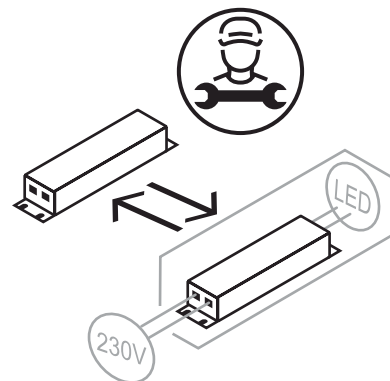
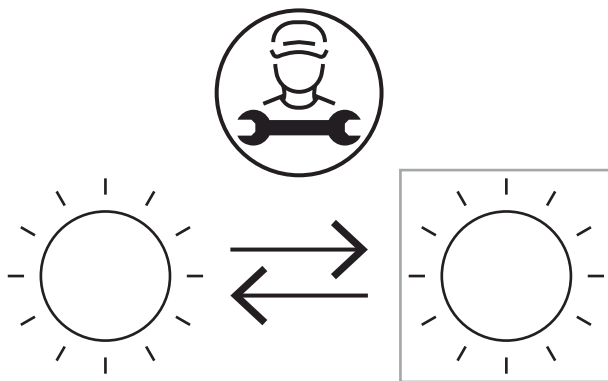
## Photometry

	4000K	H(m)	D1(m)	D2(m)	E <sub>max</sub> (lx)		
	Ra70		147°	66°			
	Fixture Power	100W	1	6.81	1.81	3414	
	Source Flux	14850lm	2	13.61	3.62	854	
	Fixture Flux	14850lm	3	20.42	5.44	379	
	Efficacy	148lm/W	4	27.23	7.25	213	
	35762	I <sub>max</sub> =333cd/klm	I <sub>max</sub>	4945cd	5	34.04	9.06

EuLumDat file on the site

## Other Infotech

Flicker Free	Yes
Light source replaceability	Replaceable light source by a professional.
Control gear replaceability	Replaceable control gear by a professional.



## LED Warranty

G5h24	Full Guarantee 5 years (24h/24h) Without limitations on the duration of use for the first year, provided the observance of the installation conditions.
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## European Directives

2009/125/EC \* Ecodesign  
 2011/65/EU \* RoHS  
 2012/19/EU \* RAEE  
 2014/30/EU \* EMC  
 2014/35/EU \* LVD  
 2015/863 \* Amending RoHS  
 2017/1369 \* Regulation for Energy Labelling  
 2019/2015 \* Regulation for Energy Labelling  
 2019/2020 \* Regulation for Ecodesign  
 2021/340 \* Amending Reg. Energy Labelling  
 2021/341 \* Amending Reg. Ecodesign

## Product standards

CEI EN 55015:2020 (+A11:2020)  
 CEI EN 60598-1:2022  
 CEI EN 60598-2-5:2016  
 CEI EN 61000-3-2:2019 (+A1:2021)  
 CEI EN 61000-3-3:2014 (+EC1:2014/+EC2:2016/+A1:2021/+A2:2022)  
 CEI EN 61547:2010  
 CEI EN 62031:2021 (+A11:2022)  
 CEI EN 62471:2010  
 IEC/TR 62471-2:2009  
 CEI EN 62493:2015  
 CEI 34-141:2014

## Logistics data

Item net weight	1416 gr
Barcode single item	8011905335762
Minimum order quantity	1
Minimum packaging	1 / 1