



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 up to 148 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

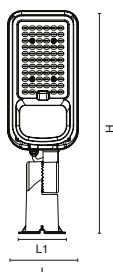
Die-cast aluminium body with epoxy paint finish. Transparent polycarbonate screen with high light transmission and diffusion.

PRO	100-240 Vac	Ra 70		50000 h L70B20	IP65	IK06	Free Wire	-25°C +40°C	Risk Group 1

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

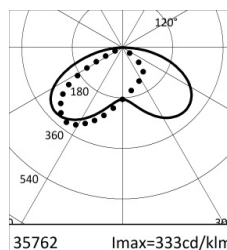
Lighting and photometric features

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

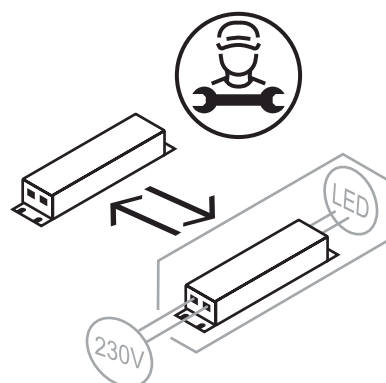
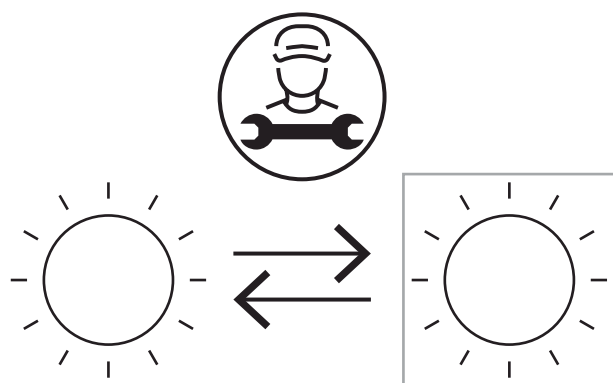
Photometry

	4000K	H(m)	D1(m)	D2(m)	E _{max} (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
	Imax=333cd/klm	Imax	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