Product Data Sheet

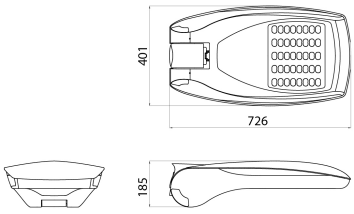
GW87431

STREET [O3] range

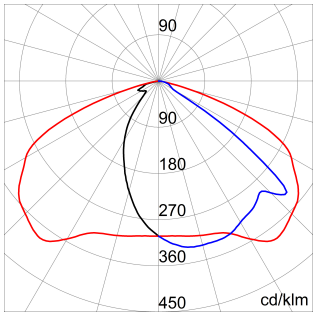
Road reinforcement with road optics and simplified maintenance, consisting of cover, frame and pole attachment in powder coated aluminium die-casting: aluminium with low copper content powder coated polyester after pre-treatment, for increased corrosion resistance. PA6 side ventilation grills. Optical system made with methacrylate lens, consisting of several different lenses that, with a single photometric distribution, and varying the installation parameters and the number of motors installed, allows the achievement of the obligatory road requirements. Common immunity to surges up to 12kV, according to IEC EN 61000-4-5 (issued by a third party) without the aid of additional protective devices. Can be used up to 50°C ambient temperature but with reduction of the supply current as indicated in the Instruction Manual.

Application	External	Series	STREET [O3]
Type	Stand alone	IP degree	IP66
Mechanical resistance	IK08 BODY - IK06 LENS	Insulation class	II
Tilt adjustable	±20° bracket - 0°÷20° pole head	Maximum surface exposed to the wind	0.26 m²
Operating temperature	-25 +35 °C	Weight (kg)	9.1
Colour	Graphite/Aluminium	Minimum distance from the illuminated object	1 m
Voltage	220/240 V - 50/60 Hz - Stand alone and/or possibility of dimmer 1-10 V	Lamp	LED
System power	68 W	Driver type	Constant Current Driver Led
Optic	ST2 - ULOR: 0%	Voltage	220-240 V - 50/60 Hz
Colour temperature	4000 K (CRI>70)	LED current	700 mA
Number of modules	2 (2x16 LED)	Nominal flux (lm)	8050
Lumen output (lm)	7060	LED Life Time (L80B10)	100000 h
LED Life Time (L90B20)	50000 h	Warranty	5 years
Overvoltage resistance	Common mode: 10KV; Differential mode: 6KV	Electrocod	244C
Light souce replaceability	By professional	Controlgear replaceability	By professional

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



TECHNICAL SYMBOLOGY

IP

IP66

IK

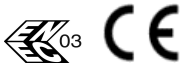
IK08 BODY - IK06 LENS

CONSTANT CURRENT DRIVER

0.26 m²

1 m

STANDARDS/APPROVALS



Data, measures, designs and pictures are for information purpose only, last update 26/04/2024. They can be changed at any moment, therefore it is always ecommended to read the last updated version published on the website www.gewiss.com.Lumen output and system power are subject to a tolerance of +/- 10%. Unless stated otherwise, the values apply to an ambient temperature of 25°C. Terms of warranty at https://www.gewiss.com/it/en/company/landingpage/led-warranty. - 1 of 1