Product Data Sheet

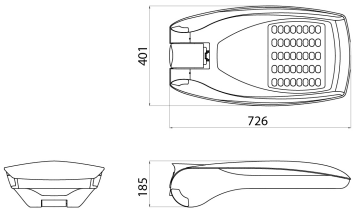
GWS7681

On request

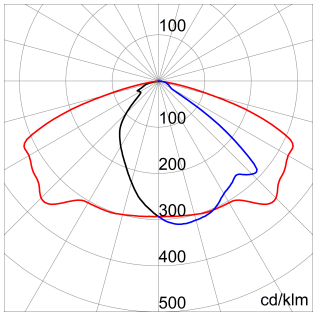
Road reinforcement with road optics and simplified maintenance, consisting of cover, frame and pole attachment in powder coated aluminium die-casting: aluminium with low copper content powder coated polyester after pre-treatment, for increased corrosion resistance. PA6 side ventilation grills. Optical 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]
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 +50 °C
Weight (kg)	9.1	Colour	Graphite/Aluminium
Minimum distance from the illuminated object	1 m	Voltage	220/240 V - 50/60 Hz - Bi-power with self-learning
Lamp	LED	System power	54 W
Driver type	Constant Current Driver Led	Power supply operation	Bi power
Optic	ST3 - ULOR: 0%	Voltage	220-240 V - 50/60 Hz
Colour temperature	4000 K (CRI>70)	LED current	530mA
Number of modules	2 (2x16 LED)	Nominal flux (lm)	7020
Lumen output (lm)	6160	Photobiologic Risk	RG1/RG2 @ 20cm
LED Life Time (L80B10)	100000 h	LED Life Time (L90B20)	50000 h
Warranty	5 years	Overvoltage resistance	Common mode: 8KV; Differential mode: 6KV
Electrocod	244C		

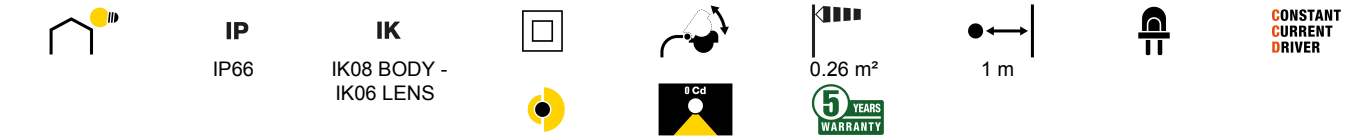
DIMENSIONAL



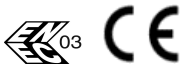
PHOTOMETRIC DISTRIBUTION



TECHNICAL SYMBOLOGY



STANDARDS/APPROVALS



Data, measures, designs and pictures are for information purpose only, last update 19/04/2024. 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