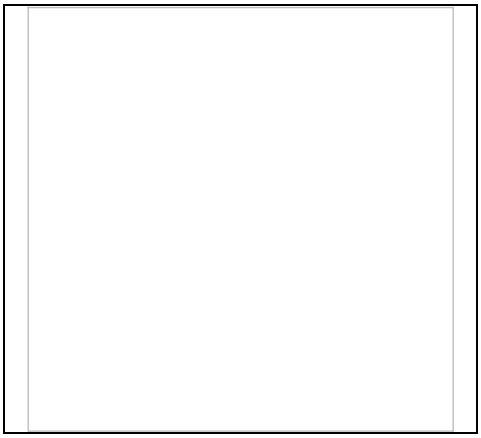
date: 27/10/2026

ROAD [5] MEDIUM 5X3 LED WIDE

Part number GWR5255D30K





IP 66 | CLASS II | ≥ +50° | FULL CUT OFF | DALI | CE | UKCA | 03 | Reach Declaration

Description

Street lighting device with cover, frame, and pole attachment in EN AB 46100 die-cast aluminium with low copper content:

- Polyester powder coated
- High-power LED
- Printed Circuit Board (PCB) in metal core
- Common mode surge protection up to 10kV
- With safety switch
- Cable plate in PA6.6 + glass fiber
- Cable input via PG13.5 cable gland
- High reflective aluminium optical system
- Tempered flat glass with 4 mm thickness
- Opening and closing system with integrated front handle
- It can be used up to 50°C of ambient temperature but with reduced currents as indicated in the instruction manual
- Suitable for installation both on top of the pole and offset with 5° pitch adjustment
- L90B10 (Tq 25°C) > 115.000 h; L90B10 (Tq 50°C) = 115.000 h

To maintain the regular updating of our products, GEWISS reserves the right to make changes without prior notice. For the most up to date information we always recommend you read the latest version published on the website www.performanceinlighting.com. Delivered luminaire lumen outputs and power consumptions, including losses, are subject to a tolerance of +/- 7%, and unless otherwise stated the values apply to an ambient temperature of 25ºC. Terms of warranty are available at https://www.gewiss.com/ww/en/about-gewiss/standard-sales-conditions/led-warranty

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Bergamo - Italy
Tel. +39 035 946 111

gewiss@gewiss.com
www.performanceinlighting.com

Product data

ETIM Group:	EG000027	**ETIM Class:**	EC000062

General information

Lampholder:	LED	**Light source:**	LED
Luminaire lumen output [lm]:	11700	**Luminaire wattage [W]:**	91 W
Luminous efficacy [lm/W]:	129	**CRI:**	70
Colour temperature [K]:	3000	**Colour / Finishing:**	GR-RAL9006 / Grey RAL9006
IP degree of protection:	IP66	**Impact resistance / impact energy:**	IK08 5J xx5
Protection class:	II	**Optic:**	WIDE - Street
Net weight [kg]:	8.744	**Overall length [mm]:**	690
Overall width [mm]:	330	**Overall height [mm]:**	215

Mechanical features

Housing material:	Aluminium	**Diffuser material:**	Glass

Electrical features

Voltage type:	AC	**Input voltage [V AC]:**	220/240
Input frequency [Hz]:	50/60	**Surge protection | Differential [kV]:**	10.000000

Installation

Application area:	Outdoor lighting	**Mounting type:**	Streetlight
Min. ambient temperature [°C]:	-25	**Max. ambient temperature [°C]:**	50

Light features

MacAdam:	5	**Lumen maintenance:**	L90B10@115000h
Distribution of light emission:	Direct	**Luminous Intensity Class:**	G*4
IPEA* (road lighting):	A4+	**IPEA* (large areas, roundabouts):**	A7+
IPEA* (cycle-pedestrian):	A4+	**IPEA* (green areas):**	A5+
IPEA* (historic city centers):	A10+		

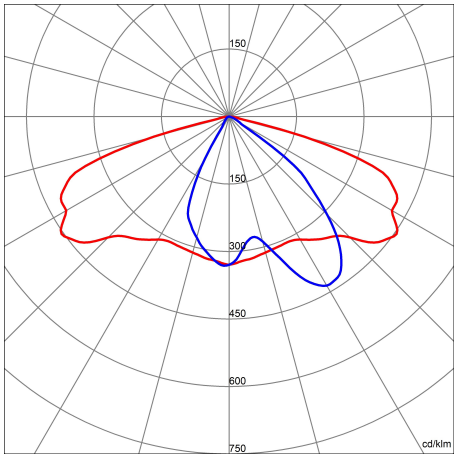
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Photometric data



Optional accessories

ROAD [5] MEDIUM



GW86167

Wall-mounting bracket 150x160x290 mm - graphite grey

Graphite grey / Graphite grey



GW87581

Single pole head bracket 1 m - graphite grey

Graphite grey / Graphite grey



GW87582

Double pole head bracket 1+1 m - graphite grey

Graphite grey / Graphite grey



GW87587

Short bracket 0.5 m - graphite grey

Graphite grey / Graphite grey



GW87586

Long bracket 1 m - graphite grey

Graphite grey / Graphite grey



GW84096

Conical pole painted h = 5.5 m - graphite grey

Graphite grey / Graphite grey

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GW87591

Conical pole painted h = 6.8 m - graphite grey

Graphite grey / Graphite grey



GW84097

Conical pole painted h = 7.8 m - graphite grey

Graphite grey / Graphite grey



GW87592

Conical pole painted h = 8.8 m - graphite grey

Graphite grey / Graphite grey



GW87593

Conical pole painted h = 9.8 m - graphite grey

Graphite grey / Graphite grey

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