Product Data Sheet GWR5255D

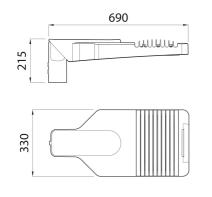
ROAD [5] Range



High-power LED streetlight with cover, frame, and pole attachment in EN AB 46100 die-cast aluminium with low copper content, with polyester powder coating. Suitable for installation both on top of the pole and offset, with 5° pitch adjustment. Opening and closing system with integrated front handle. Closure fabricated in tempered flat glass (thickness 4 mm). Cable input via PG13.5. Safety switch. Cable plate in PA6.6+FV. Printed Circuit Board (PCB) in metal core. Metallic PC optic system. Common mode surge protection up to 10 kV. Operational up to 50°C ambient temperature but with reduction of the supply current as indicated in the Instruction Manual.

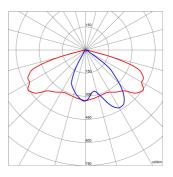
GENERAL INFORMATION	-	OPTIC AND ILLUMINATING FEATURES	-	
Context	Street and parking lighting	Optic	WIDE	
Luminaire	LED Road Equipment	Unified Glare Rating	G*4 - ULOR = 0	
Application	External	Lumen output (Im)	13500	
Unique digital code (Datamatrix)	Currently not present	Efficacy	148	
		(Im/W)		
Colour	Graphite grey	Colour temperature	4000 K	
Type of light source	LED	Colour Rendering Index	CRI>70	
System	91 W @ 0,5A	Standard Deviation Colour Matching	SDCM = 5	
power				
LED Lifetime	L90B10(Tq25°C)>115.000h; L90B10 (Tq50°C)=115.000h	Photobiological Risk Class	RG0	
Weight (kg)	8.8	Standard	EN 60598-2-3, EN 60598-1 IEC/TR 62778	
Warranty	5 years	ELETRICAL AND LIGHTING FEATURES	-	
Stocking temperature	-	Supply voltage	220 - 240 V	
Operating temperature	-25 +50 °C	Rated frequency (Hz)	50 / 60	
MATERIALS	-	Driver failure rate	F10 = 100.000h Tq25°C/50.000h Tq50°C	
Body	Die-cast aluminium -	Driver	Included	
Shield type	4mm thick flat tempered glass	Overvoltage protection	DM 10KV / CM 10KV	
Optic	Silver PVD aluminium reflector	Control System	DALI	
Gasket	Anti-aging silicone	INSTALLATION AND MAINTENANCE	-	
Locking Hook	Integrated front handle	Mounting and installation	Pole Head - Outreach	
External screw	Stainless steel	Tilt	-20° ÷ +10° side bracket10° ÷ +20° pole	
			head	
Colour	Powder coating	Wiring	Isolating switch	
STANDARDS AND APPROVALS	-	Fixing	Pole Head - Outreach	
Classification	-	Light souce replaceability	By professional	
Device with reduced surface temperature	-	Controlgear replaceability	By professional	
DIN 18032-3 certification	-	Driver Box	Built-in	
IPEA	-	Maximum surface exposed to the wind	0.19 m²	
Insulation class	II		-	
IP degree	IP66		-	
Mechanical resistance	IK08		-	
Glow Wire Test			-	

DIMENSIONAL





PHOTOMETRIC DISTRIBUTION



			IP	IK	GWT
	9	0.19 m²	IP66	IK08	-

Data, measures, designs and pictures are for information purpose only, last update 20/04/2023. 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 2

Product Data Sheet GWR5255D

ROAD [5] Range



