

## **Product Data Sheet**

## **GWR5251D**

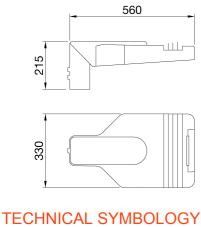
ROAD [5] Range



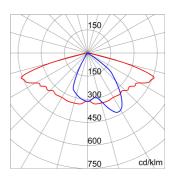
High-power LED streetlight with cover, frame, and pole attachment in EN AB 46100 die-cast aluminium with low copper content, with polyester powder coating. Suitable for installation both on top of the pole and offset, with 5° pitch adjustment. Opening and closing system with integrated front handle. 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

GENERAL INFORMATION	_	OPTIC AND ILLUMINATING FEATURES	-
Context	Street and parking lighting	Optic	WIDE
Luminaire	LED Road Equipment	Unified Glare Rating	G*3 - ULOR = 0
Application	External	Lumen output (lm)	2400
Unique digital code (Datamatrix)	Currently not present	Efficacy (Im/W)	120
Colour	Graphite grey	Colour temperature	4000 K
Type of light source	LED - Not replaceable	Colour Rendering Index	CRI>70
System power	20 W @ 0.5A	Standard Deviation Colour Matching	SDCM = 5
LED Lifetime	L90B10(Tq25°C)>115.000h; L90B10 (Tq50°C)=115.000h	Photobiological Risk Class	RG0
Weight (kg)	6.4	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/75.000h Tq50°C
Body	Die-cast aluminium -	Driver	Included
Shield type	4mm thick flat tempered glass	Overvoltage protection	DM 10KV / CM 10KV
Optic	Metallized polycarbonate reflector	Control System	DALI
Gasket	Anti-aging silicone	INSTALLATION AND MAINTENANCE	<u>-</u>
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	Not available
Device with reduced surface temperature	-	Controlgear replaceability	Not available
DIN 18032-3 certification	-	Driver Box	Built-in
IPEA	-	Maximum surface exposed to the wind	0.15 m²
Insulation class	II		<u>-</u>
IP degree	IP66		-
Mechanical resistance	IK08		-
Glow Wire Test	-		-

#### **DIMENSIONAL**



#### PHOTOMETRIC DISTRIBUTION













ΙP IP66

IK IK08

**GWT** 



### STANDARDS/APPROVALS

**₹**03 (€

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ROAD [5] Range