Product Data Sheet

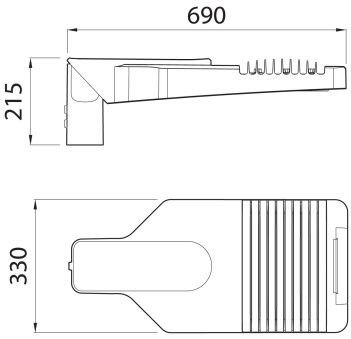
GWR5213

ROAD [5] Range

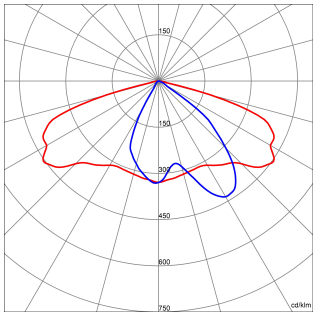
High-power LED streetlight with cover, frame, and pole attachment in EN AB 46100 die-cast aluminium with low copper content, with polyester powder coating. Suitable for installation both on top of the pole and offset, with 5° pitch adjustment. Opening and closing system with integrated front handle. 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 (lm)	14800
Unique digital code (Datamatrix)	Currently not present	Efficiency (lm/W)	133
Colour	Graphite grey	Colour temperature	4000 K
Type of light source	LED	Color Rendering Index	CRI>70
System power	111 W @ 1A	Standard Deviation Colour Matching	SDCM = 5
LED Lifetime	L90B10(Tq25°C)>115.000h; L90B10 (Tq40°C)=115.000h	Photobiological Risk Class	RG0
Weight (kg)	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 +40 °C	Rated frequency (Hz)	50 / 60
MATERIALS	-	Driver failure rate	F10=100.000h Tq25°C/75.000h Tq40°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	Stand alone
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 bracket - -10° ÷ +20° pole head
Colour	Powder coating	Wiring	Isolating switch
STANDARDS AND APPROVALS	-	Fixing	Pole Head - Outreach
Classification	-	Light souce replaceability	Not available-By professional
Device with reduced surface temperature	-	Controlgear replaceability	Not available-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



TECHNICAL SYMBOLOGY

0.19 m²

IP	IK	GWT
IP66	IK08	-

STANDARDS/APPROVALS

03

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