

### **Product Data Sheet GWR5676M**

ROAD [5] Range



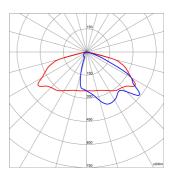
High-power LED streetlight with cover, frame, and pole attachment in EN AB 46100 die-cast aluminium with low copper content, with polyester powder coating. Suitable for installation both on top of the pole and offset, with 5° pitch adjustment. Opening and closing system with integrated front handle.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

LED Road Equipment Duffed Glare Rating State Sta	GENERAL INFORMATION	-	OPTIC AND ILLUMINATING FEATURES	-
Application	Context	Street and parking lighting	Optic	HUGE
Drique digital code (Datamatrix)  Currently not present Colour  Graphite grey Colour Rendering Index Colour Rendering Index Colour Matching SDCM = 5 Colour Endering Index Colour Matching SDCM = 5 Colour Endering Index C	Luminaire	LED Road Equipment	Unified Glare Rating	G*4 - ULOR = 0
	Application	External	Lumen output (lm)	20700
Colour         Graphite grey by Eye of light source         Colour temperature         4000 K Colour Rendering Index         COLOUR Rendering Index         COLOUR Rendering Index         CRI>70           System         153 W @ 0,7A         Standard Deviation Colour Matching         SDCM = 5           Sower         LED Lifetime         L90B10(Tq25°C)>115.000h; L90B10 (Tq50°C)=115.000h         Photobiological Risk Class         RG0           Weight (kg)         9.1         Standard         EN 60598-2-3, EN 60598-1 IEC/TR 62778         RG0           Warranty         5 years         ELETRICAL AND LIGHTING FEATURES         -         Standard         EN 60598-2-3, EN 60598-1 IEC/TR 62778         Standard Deviation Colour Matching         Standard Deviation Colour Matching         RG0         Standard Deviation Colour Matching         RG0         Photobiological Risk Class         RG0         Procession Standard Deviation Colour Matching         ELETRICAL AND LIGHTING FEATURES         To Colour Explandar Features         To Colour Supply voltage Peatures         Standard Deviation Co	Unique digital code (Datamatrix)	Currently not present		135
CRI>70				
System 153 W @ 0,7A Standard Deviation Colour Matching SDCM = 5 SDOWER    L90B10(Tq25°C)>115.000h; L90B10 (Tq50°C)=115.000h; L90B10 (Tq50°C)=115.000h    Weight (kg) 9.1 Standard EN 60598-2-3, EN 60598-1 IEC/TR 62778    Warranty 5 years SLEETRICAL AND LIGHTING FEATURES				
Description of the control of the co	7. 0			
L9D Lifetime L90B10(Tq25°C)>115.000h; L90B10 (Tq50°C)=115.000h; L90B10	System	153 W @ 0,7A	Standard Deviation Colour Matching	SDCM = 5
Meight (kg)				
Abramaty 5 years Stocking temperature - Supply voltage 220 - 240 V Decrating temperature 25 + 50 °C MATERIALS Driver failure rate F10 = 100.000h Tq25°C/50.000h Tq50°C Shield type	LED Lifetime		Photobiological Risk Class	RG0
Stocking temperature - Supply voltage 220 - 240 V Operating temperature25 + 50 °C Rated frequency (Hz) 50 / 60  MATERIALS - Die-cast aluminimar erfector Silver PVD aluminimar reflector Locking Hook Integrated front handle External screw Stainless steel Colour Powder coating Colour Powder coating STANDARDS AND APPROVALS - Fixing Pole Head - Outreach Light souce replaceability Supported to Supply voltage Protection Supply voltage (Hz) 50 / 60  Rated frequency (Hz) 50 / 60  Rated frequency (Hz) 50 / 60  Rated frequency (Hz) 50 / 60  Poriver failure rate F10 = 100.000h Tq25°C/50.000h Tq50°C Driver Silver PVD aluminimar rate Stocking Pole Head - Outreach Powder coating Support Silver PVD aluminimar reflector Control System Stainless steel Stainless steel Stainless steel Colour Powder coating Wiring Isolating switch STANDARDS AND APPROVALS - Fixing Pole Head - Outreach Colour By Fixing Pole Head - Outreach Colour Silver PVD aluminimar reflector Control System Silver PVD aluminimar reflector Control System Stainless steel Silver PVD aluminimar reflector Control System Stallation Pole Head - Outreach Powder coating Wiring Isolating switch Standards AND APPROVALS - Fixing Pole Head - Outreach Colour Silver PVD aluminimar rate Survey	Weight (kg)	9.1	Standard	EN 60598-2-3, EN 60598-1 IEC/TR 62778
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 - Shild tempered glass     Driver     Included       Shield type     4mm thick flat tempered glass     Overvoltage protection     DM 10KV / CM 10KV       Optic     Silver PVD aluminium reflector     Control System     Dimmable 1-10 V       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	Warranty	5 years	ELETRICAL AND LIGHTING FEATURES	<u>-</u>
Driver failure rate F10 = 100.000h Tq25°C/50.000h Tq50°C Driver failure rate Driver failure rate F10 = 100.000h Tq25°C/50.000h Tq50°C Driver Included Driver Included Driver Driv	Stocking temperature	-	Supply voltage	220 - 240 V
Body Die-cast aluminium - Driver Included Shield type 4mm thick flat tempered glass Operoultage protection DM 10KV / CM 10KV Dptic Silver PVD aluminium reflector Gasket Anti-aging silicone Integrated front handle External screw Stainless steel Colour Powder coating Powder coating Fixing Standards AND APPROVALS - Eight souce replaceability Silver PVD aluminium reflector Control System Dimmable 1-10 V Source Integrated front handle Mounting and installation Pole Head - Outreach Powder coating Wiring Isolating switch Pole Head - Outreach Light souce replaceability By professional	Operating temperature	-25 +50 °C	Rated frequency (Hz)	50 / 60
Shield type 4mm thick flat tempered glass Overvoltage protection DM 10KV / CM 10KV / C	MATERIALS	-	Driver failure rate	F10 = 100.000h Tq25°C/50.000h Tq50°C
Optic     Silver PVD aluminium reflector     Control System     Dimmable 1-10 V       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	Body	Die-cast aluminium -	Driver	Included
Anti-aging silicone Locking Hook Integrated front handle External screw Stainless steel Colour Powder coating TanDARDS AND APPROVALS - External Screw Stainless steel Colour Powder coating Stainless Stainles	Shield type	4mm thick flat tempered glass	Overvoltage protection	DM 10KV / CM 10KV
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	Optic	Silver PVD aluminium reflector	Control System	Dimmable 1-10 V
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	Gasket	Anti-aging silicone	INSTALLATION AND MAINTENANCE	<u>-</u>
Colour Powder coating Wiring Isolating switch  STANDARDS AND APPROVALS - Fixing Pole Head - Outreach Classification - Light souce replaceability By professional	Locking Hook	Integrated front handle	Mounting and installation	
Colour     Powder coating     Wiring     Isolating switch       STANDARDS AND APPROVALS     -     Fixing     Pole Head - Outreach       Classification     -     Light souce replaceability     By professional	External screw	Stainless steel	Tilt	
STANDARDS AND APPROVALS     -     Fixing     Pole Head - Outreach       Classification     -     Light souce replaceability     By professional	Colour	Powder coating	Wiring	
Classification - Light souce replaceability By professional			9	
		_		
by processing		_	. ,	, ,
DIN 18032-3 certification Not available Driver Box Built-in	DIN 18032-3 certification	Not available		
	IPEA	-		
	Insulation class			-
P degree IP66 -	IP degree	IP66		-
	Mechanical resistance	IK08		-
Glow Wire Test	Glow Wire Test	-		-

#### **DIMENSIONAL**

# 690 سللللللل **TECHNICAL SYMBOLOGY**

### PHOTOMETRIC DISTRIBUTION









ΙK IKU8 **GWT** 

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STANDARDS/APPROVALS

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