Gemini Metro

IP54 | IK08 (5J) | Bulkhead | Class I | Surface | TM65/66

Transport

Gemini Metro is a S12 bulkhead specifically designed in accordance with fire precautions for subsurface rail stations (Section 12).

Standard Colours

Textured White

Product Information

Gemini Metro provides robust ambient lighting, featuring a removable gear tray for easy maintenance and sustainable technology upgrades.
Gemini Metro complies with London Underground subsurface standard S1085 utilising low smoke, zero halogen cables and control gear.
Applications include emergency escape routes.
This luminaire is designed for longevity and sustainability and adheres to our circular design principles. We conduct a circular economy assessment using TM66 and measure embodied carbon (kgCO ₂e) in accordance with TM65.2.

Impact Resistance Rating: IK08 (5J). What is IK Rating?
Ingress Protection Rating: IP54. What is IP Rating?
Housing: Zinc coated steel body.
Paint: Polyester powder coat. All Colour Options Available Here.
Diffuser: Frosted toughened glass diffuser secured with tamperproof screws.
Driver: Electronic control gear on removable tray for ease of repair/upgrade with fused plug & socket connector block.
Mounting: Wall.
Cable Entry: Provision for conduit entry in back and ends.
Transport For London: PIR Reference PIR 10042.
Design Life: 30+ years. What is Design Life?
Additional Information: Available with exit legends to ISO 7010.

Technical Information

GeminiMetro	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	CCT (K)
No Legend				
M1977-400N-F-TW-ST	398	5	82	4000
	Weight (kg)	**CRI**	**High Temp (°C)**	**LED Lifetime**
	2.3	CRI>80	-	$L_{80}B_{10}$>102,000h
	Driver lifetime (up to hours)	**LED Energy Rating**	**Emergency Output (Lum/lm)**	**Nightlight Output (Lum/lm)**
	100,000	B	376	-
	Dimensions			
	366mm x 133mm x 90mm			
With Legend				
M1977-60N-F-TW-ST-R#	61	5	12	4000
	Weight (kg)	**CRI**	**High Temp (°C)**	**LED Lifetime**
	2.3	CRI>80	-	$L_{80}B_{10}$>102,000h
	Driver lifetime (up to hours)	**LED Energy Rating**	**Emergency Output (Lum/lm)**	**Nightlight Output (Lum/lm)**
	100,000	B	74	-
	Dimensions			
	366mm x 133mm x 90mm			

Fitting Options

Exit Legend - Running Man, Arrow Down/Left	-R6
Exit Legend - Running Man, Arrow Up	-R1
Exit Legend - Running Man, Arrow Left	-R7
Exit Legend - Running Man, Arrow Right	-R3
Exit Legend - Running Man, Arrow Down	-R5
Exit Legend - Running Man, Arrow Down/Right	-R4
Exit Legend - Running Man, Arrow Up/Right	-R2
Exit Legend - Running Man, Arrow Up/Left	-R8
Non-Maintained 3 Hour Emergency	-NE
Maintained Emergency 3 Hour	-E3
Textured White	-TW

- -R5 not compliant with ISO 16069/BS 5499-4.
- Version for secure healthcare and anti-ligature available. Please contact technical sales on 020 8254 2022 or email technical@designplan.co.uk
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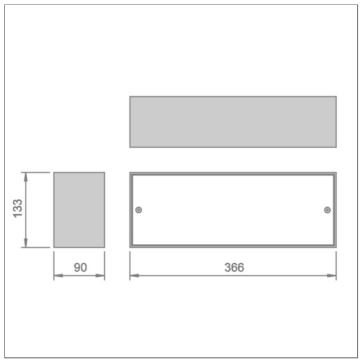
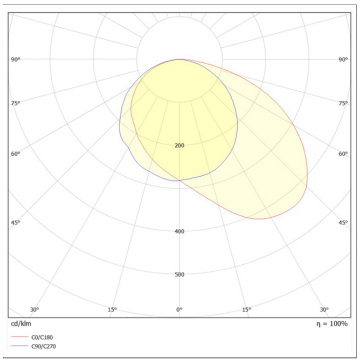
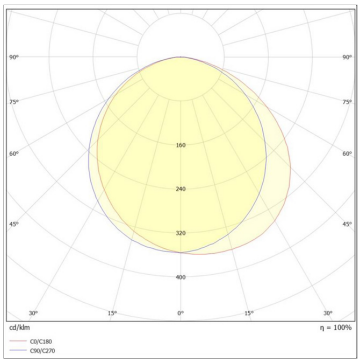


Gemini Metro Drawing



Gemini Metro Polar Curve



Gemini Metro with Legend Polar Curve