

P50 LED



MAGNITECH
LIGHTING INDUSTRIES

Stainless Steel
Hazardous-Area Linear Luminaire



1x9W

900
lumens

1x18W

1,800
lumens

2x9W

1,800
lumens

2x18W

3,600
lumens

64W

8,500
lumens



MAGNITECH
LIGHTING INDUSTRIES

Stainless Steel
Industrial Linear

SABS
ISO 9001

Hazardous-Area Protection & Performance!

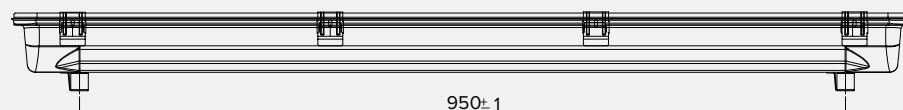
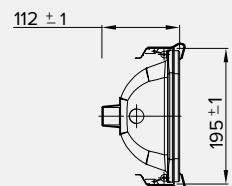
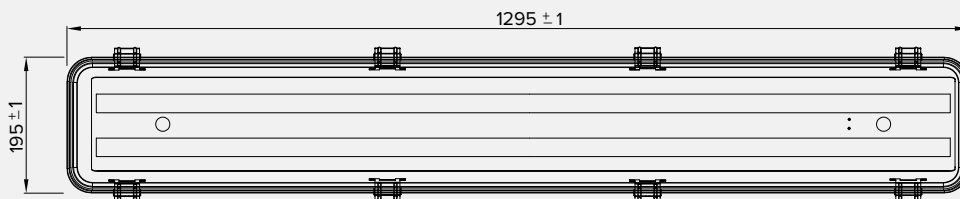
The P50 LED is a heavy-duty industrial linear luminaire engineered for reliable operation in classified and hazardous environments. Its robust 304-grade stainless steel body, heat-tempered armoured glass diffuser and Ex-rated electronic control gear provide dependable protection in Zone 2, 21 and 22 applications.



Fit-For-Purpose:

- Industrial plants
- Processing facilities
- Petrochemical environments
- Chemical plants
- Classified production areas
- Dust-hazard environments
- Internal plant lighting
- External plant lighting

Description	Length (L)	Length (LF)	Width (W)	Height (H)
P50-109 (2 FT)	685mm	490mm	195mm	112mm
P50-209 (2 FT)	685mm	490mm	195mm	112mm
P50-118 (4 FT)	1295mm	950mm	195mm	112mm
P50-218 (4 FT)	1295mm	950mm	195mm	112mm
P50-164 (4 FT)	1295mm	950mm	195mm	112mm



MAGNITECH - BENCHMARKING THE STANDARD OF **QUALITY**

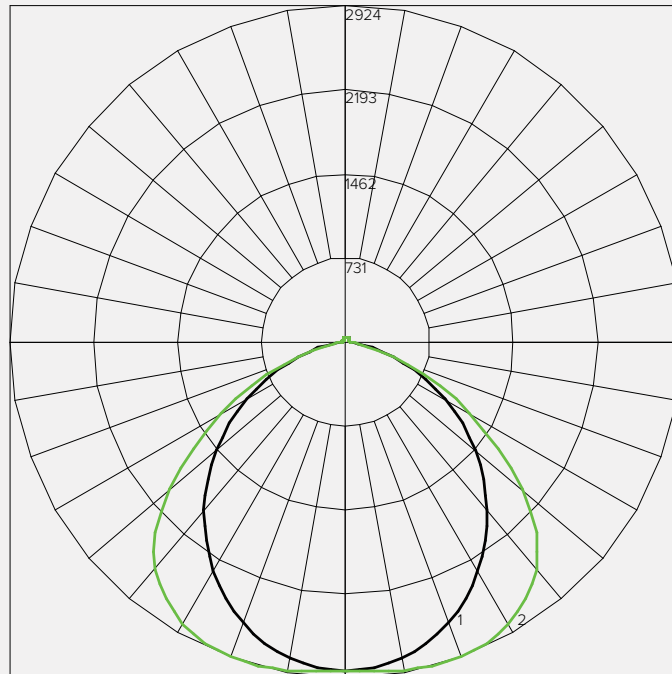




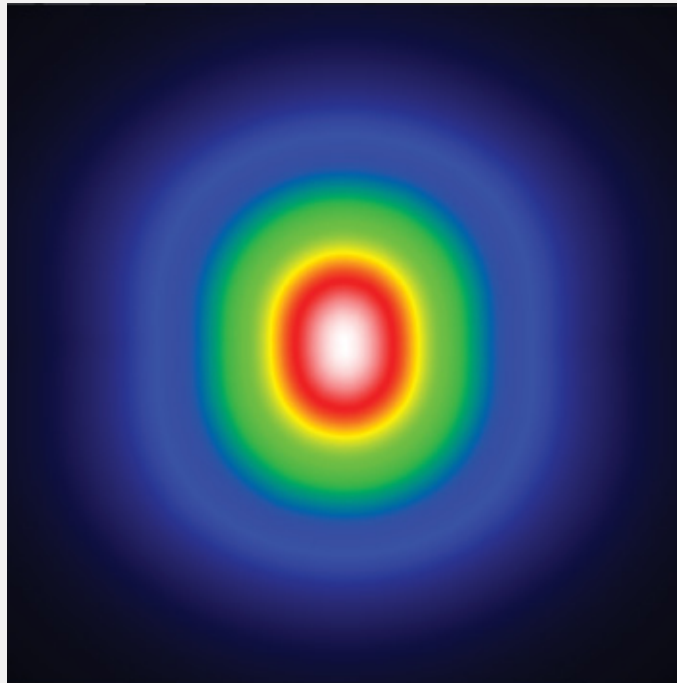
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Typical Light Distributions

SABS
ISO 9001



Maximum Candela = 2924.349 Located At Horizontal Angle = 270, Vertical Angle = 20
1 - Vertical Plane Through Horizontal Angles (0 - 180)
2 - Vertical Plane Through Horizontal Angles (90 - 270)



MAGNITECH - BENCHMARKING THE STANDARD OF **QUALITY**



FEATURE	P50-109 (2FT)	P50-209 (2FT)	P50-118 (4FT)	P50-218 (4FT)	P50-164 (4FT)
NOMINAL POWER	9W	18W	18W	36W	64W
LUMINOUS FLUX (LM)	UP TO 900	UP TO 1,800	UP TO 1,800	UP TO 3,600	UP TO 8,500
LUMINOUS EFFECIENCY (LM/W)	UP TO 100	UP TO 100	UP TO 100	UP TO 100	UP TO 130
COLOUR TEMPERATURE	4000K (STANDARD) 3000K / 5000K / 6500K (OPTIONAL)				
LED LIFETIME (HOURS) @ Ta 25 °C	L80B10 > 50 000 HRS				L90B10 > 100 000 HRS
CRI	>80				
DIFFUSER	GLASS - IK08 (STANDARD) POLYCARBONATE - IK09/10 (OPTIONAL)				
NOMINAL INPUT VOLTAGE	220V-240V (STANDARD)				
OPERATING TEMPERATURE (Ta)	-25°C to 55°C				
SURGE PROTECTION	10kV (STANDARD) 20kV (OPTIONAL)				
IP RATING	IP65				
GROSS WEIGHT	00KG				

* Values shown are AFTER both Thermal and Optical losses. Output will vary depending on optics utilised. Performance values are subject to ±5% variance.

Emergency Options

FEATURE	P50-109 (2FT)	P50-209 (2FT)	P50-118 (4FT)	P50-218 (4FT)	P50-164 (4FT)
Enquire about our emergency options					

Product Code Logic

P50	-	XXX	-	X	X	-	X	X
FAMILY NAME		WATTAGE		CT	MOUNTING		OPERATING MODE	ZONE RATING
		109 = 9W		3 = 3000K	1 = M8 Bracket		0 = Standard	0 = Standard
		209 = 18W		4 = 4000K			E = Emergency Maintained	2 = Zone 2
		118 = 18W		5 = 5000K			N = Emergency Non-Maintained	3 = Zone 21/22
		218 = 36W		6 = 6500K				
		164 = 64W						

Due to continuing R&D, the above data may change without prior notice. Please consult us for the latest available options. Warranties subject to our standard terms and conditions of sale. Visit our website for our full product range - www.magnitech.co.za.

Related Products



C50 LED



VAPOURLED



CVP

MAGNITECH - BENCHMARKING THE STANDARD OF **QUALITY**



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LIGHTING INDUSTRIES

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