



ENGINEERED POLYMER STREETLIGHT



APPLICATION:

- Residential road ways
- Industrial
- Parks
- Parking lots
- Amenity lighting
- Walkways
- Private roadways



FEATURES & BENEFITS:

- Lamp replacement without tools
- Dust and moisture proof
- Lightweight engineered polymer



LED OPTIONS

- LED options available
- ✉ email us



LOCAL CONTENT

- Local design
- Local assembly
- Local manufacture



MAGNITECH
LIGHTING INDUSTRIES

PATHFINDER I

PATHFINDER I

ENGINEERED POLYMER STREETLIGHT



FEATURES

- **High efficiency**
- **Lamp replacement without tools**
- **Dust and moisture proof**
- **Body:**
UV Stabilised engineered polymer body
Grey in colour
- **Diffuser:**
High impact UV stabilised clear
engineered polymer lens
No external prisms
- **Reflectors:**
High purity anodised aluminium
- **Lampholder:**
SABS approved
- **Wiring:**
High temperature SABS approved
- **Control Gear:**
SABS approved high power factor
- **IP 54 rated** Gear compartment
- **IP 66 rated** Lamp compartment
- **Gasket:**
Closed cell silicon gasket for durability
and heat resistance
- **Locking Mechanism:**
3 x S/S clips



APPLICATIONS

- **Residential road ways**
- **Industrial**
- **Parks**
- **Parking lots**
- **Amenity lighting**
- **Walkways**
- **Private roadways**



STANDARDS

- **SANS 475**
- **SANS / IEC 60598**



S/S clips:
Allows for tool-free
lamp replacement

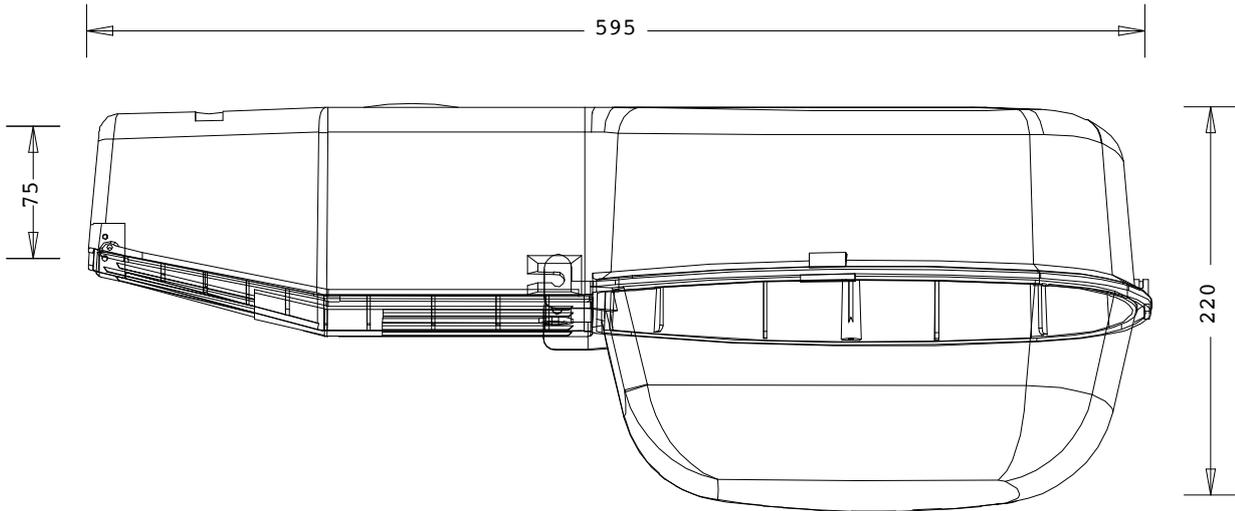
Hinged lens:
Allows for ease
of maintenance

High purity anodised
aluminium reflector



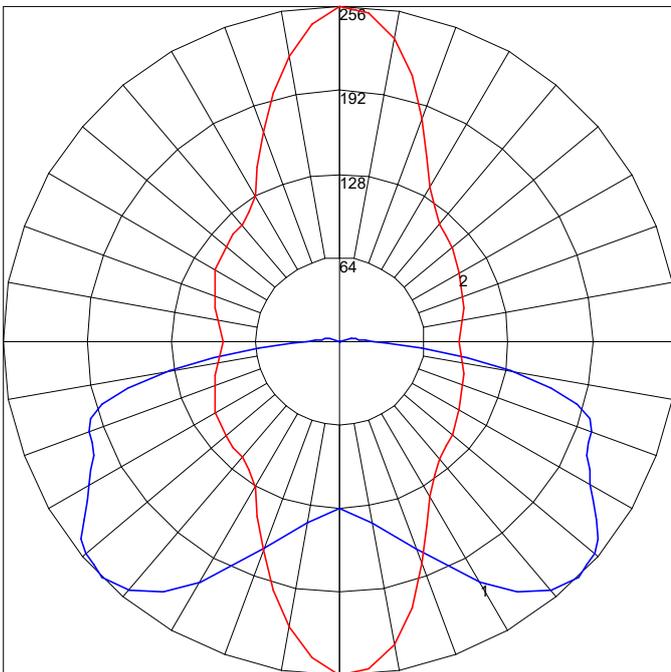


DIMENSION LINE DRAWINGS



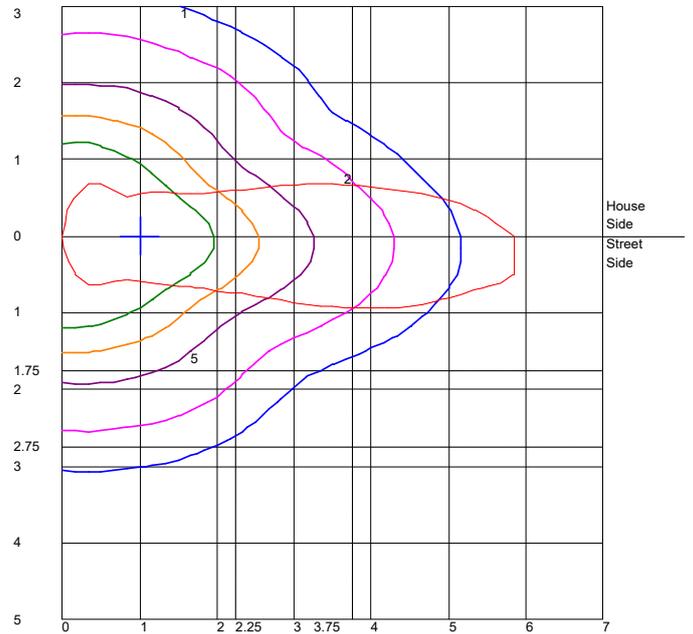
PHOTOMETRIC DATA

PATHFINDER 100W IES POLAR GRAPH



Maximum Candela = 256 Located At Horizontal Angle = 90, Vertical Angle = 45
1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (45) (Through Max. Cd.)

PATHFINDER 100W IES ISOLUX LINES OF HORIZONTAL ILLUMINANCE



Distance In Units Of Mounting Height
Values Based On 1 Meter Mounting Height
1/2 Maximum Candela Trace Shown As Dashed Curve
(+) = Maximum Candela Point

The photometrics displayed above are one example of various lamps and light sources available for this fitting. Photometrics for other lamp variants are available on request.

ACCESSORIES

1. Pole Mounting Spigot
2. Wall Mounting Bracket
3. Photo cell
4. MCB



ORDERING DATA

HID OPTIONS

DESCRIPTION	MV	CFL	HPS	MH	XENON	CERAARC	WEIGHT
50W			X	X		X	3.6KG
70W			X	X		X	3.85KG
75W					X		3.6KG
80W	X						3.6KG
100W			X	X			3.8KG
110W					X		3.65KG
115W						X	3.65KG
150W			X	X		X	4.34KG
2 x 18W		X					3.6KG
2 x 26W		X					3.6KG

LED OPTIONS

DESCRIPTION	PF	CRI	FLUX	TRIAC DIMMING	ROHS COMPLIANT	LIFETIME	WEIGHT
17.5W	>0.9	>80	> 1 750	YES	YES	50 000 hr	2.538KG
35W	>0.9	>80	> 3 500	YES	YES	50 000 hr	2.564KG
52.5W	>0.9	>80	> 5 250	YES	YES	50 000 hr	2.59KG

SUFFIX	OPTIONS & ACCESSORIES
BE	BOTTOM ENTRY
SE	SIDE ENTRY
PC	PHOTO CELL
PM	POLE MOUNT BRACKET
MCB	MINI CIRCUIT BREAKER
WPB	WOODEN POLE BRACKET
WB	WALL BRACKET

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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.

