

MINIM 300W SPOTLIGHTS

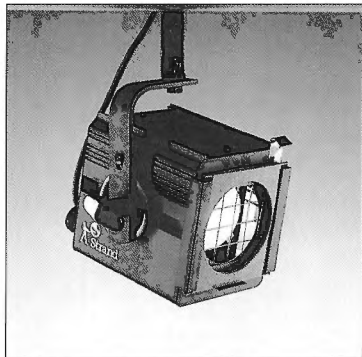


The compact size of Minim spotlights makes them ideal for small scale stage lighting, presentations and displays.

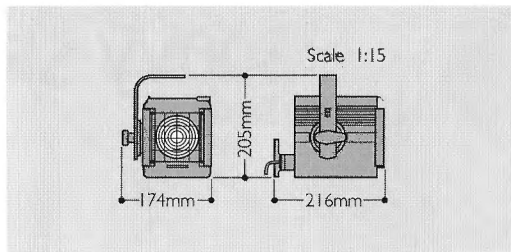
The range comprises a Fresnel spotlight and a Prism Convex (PC) spotlight in black or white and provides excellent flexibility with a wide range of beam angles which can be further controlled by the fitting of an accessory barn door.

- Suitable for throws of between 2.5m and 10m.
- Compact extruded aluminium body for low weight, maximum strength and heat dissipation.
- Insulated rear handle incorporating exterior wiring termination.
- L-shaped fork in aluminium alloy with 70mm friction disc and heat insulated handwheel for tilt lock.
- Recessed focus knob controls position of lampholder and reflector assembly for beam angle adjustment.
- Lamp and lens access through rearward-sliding top panel.
- GY9.5 Lampholder suitable for 300W and 500W max. lamps.
- 80mm anodised aluminium spherical reflector.
- 80mm Fresnel lens or 90mm PC lens of heat resistant borosilicate glass.
- 1.5m high temperature mains cable terminated in moulded handle and secured by integral cable clamp.
- Optional rotatable barn door
- 125mm square fibre colour frame included.
- Supplied complete with 300W CP81 lamp.
- Packed individually.
- Designed to conform to European standard EN60 598 2-17.
- White version available for display applications.

Minim F Fresnel Spotlight



Fresnel Spotlight supplied with 300W 240V CP81 lamp (220V may be specified), 25mm mesh guard, heat resisting fibre colour frame (125mm square) and 1.5 metres of fitted power cable (open ends).



Minim F

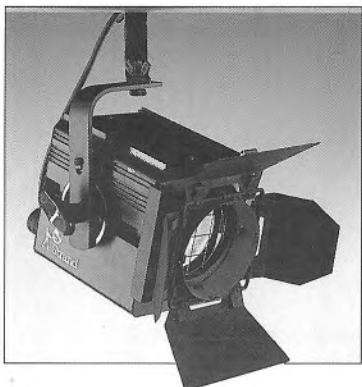
Performance guide based on CP81 300W lamp.

	4m		6m		8m		10m	
	Lux	Ø	Lux	Ø	Lux	Ø	Lux	Ø
N	1100	0.8	490	1.2	275	1.6	175	2.4
W	410	2.6	180	3.9	100	5.2	65	6.5

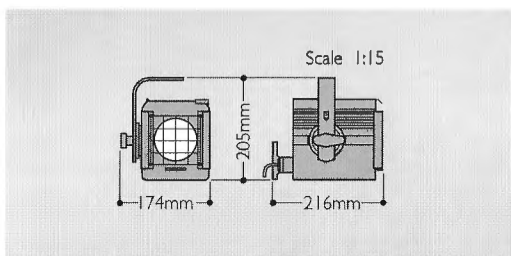
Ø = Diameter N = Narrowest W= Widest

	Weight	Size	Packed Weight	Packed Size
Minim F	2.25kg	As above	2.5kg	265 x 185 x 190mm

Minim PC Prism Convex Spotlight



Prism Convex Spotlight supplied with 300W 240V CP81 lamp (220V may be specified), 25mm mesh guard, heat resisting fibre colour frame (125mm square) and 1.5 metres of fitted power cable (open ends).



Minim PC

Performance guide based on CP81 300W lamp.

	4m		8m		12m		16m	
	Lux	Ø	Lux	Ø	Lux	Ø	Lux	Ø
N	2100	0.5	950	0.7	525	1.0	350	1.2
W	225	3.5	100	5.2	55	7.0	36	8.7

Ø = Diameter N = Narrowest W= Widest

	Weight	Size	Packed Weight	Packed Size
Minim PC	2.25kg	As above	2.5kg	265 x 185 x 190mm

Operational Data

	MINIM F & PC
Focus Adjustment	Locking focus knob (recessed on underside of luminaire) slides rearward for narrow angle adjustment and forward for wide angle.
Position Adjustment	By means of L-shaped suspension fork providing vertical and horizontal adjustment.
Rear Handle	To aid position and focus adjustment a heat insulating handle is incorporated in the rear mounted wiring termination moulding.
Lamp Access	Through rearward sliding top cover retained by M4 screw.
Accessories	A 125mm square fibre colour frame is supplied with each luminaire suitable for use with Strand Filter. Further information on Strand Lighting filter products are available on request. A 4 leaf rotatable barn door is not supplied but is available as an optional accessory.
Colour Runners	Extruded aluminium colour runners are fitted to take 125mm ² colour frame or 4 leaf rotating barn door.

Mechanical Data

	MINIM F & PC
Housing	Extruded aluminium and mild steel construction finned and ventilated to dissipate heat. High temperature engineering grade plastic handle incorporating wiring termination is fitted at rear. Provision for attachment of a safety chain is made via a 'D' hole in the rear cover.
Finish	High temperature epoxy powder coated black or white.
Suspension	Aluminium alloy L-shaped fork fitted with insulated handwheel for tilt lock and M10 bolt, washer and wingnut for attachment and swivel adjustment.
Lens	90mm dia PC spot or 80mm dia Fresnel lens of borosilicate heat resistant glass fitted behind 25mm mesh guard.
Reflector	Edge masked spherical reflector of polished and anodised aluminium.

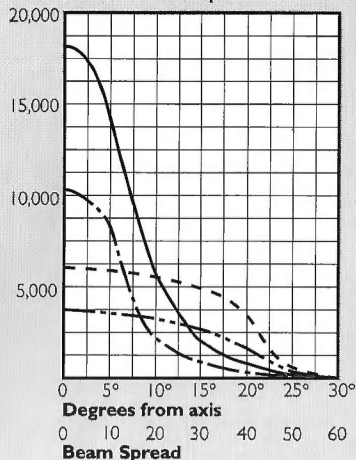
Performance Data

Minim F

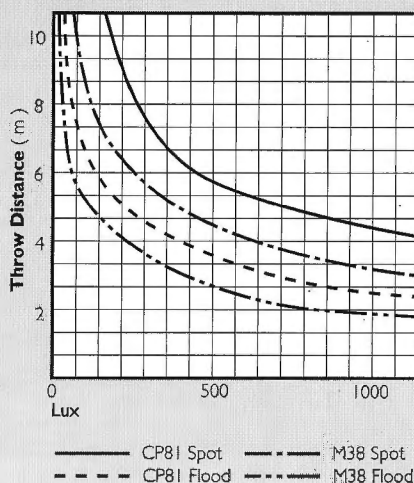
Typical performance based upon CP81 300W 240V calibrated lamp with 25mm mesh guard.

	1/2 pk angle	1/10 pk angle	Peak candelas
N	13°	27°	17630
W	40°	53°	6570

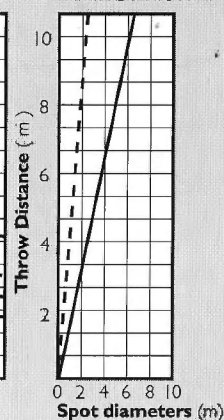
Cd Distribution Graphs



Lux Levels



Beam Diameters

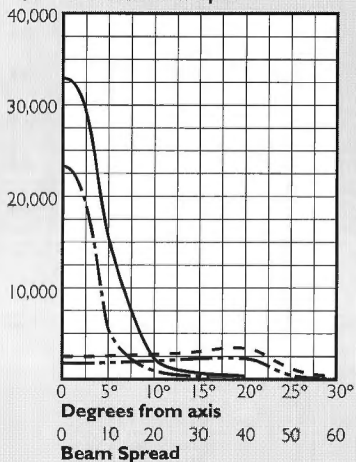


Minim PC

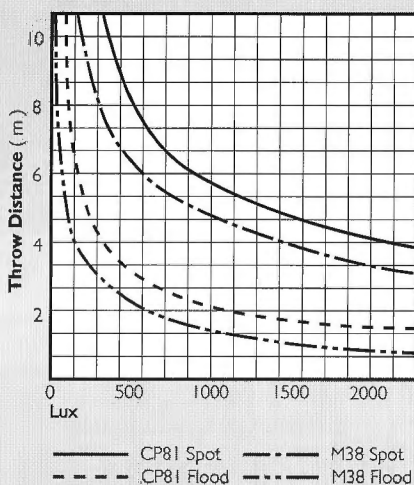
Typical performance based upon CP81 300W 240V calibrated lamp with 25mm mesh guard.

	1/2 pk angle	1/10 pk angle	Peak candelas
N	7.5°	13°	33700
W	52°	59.5°	3650

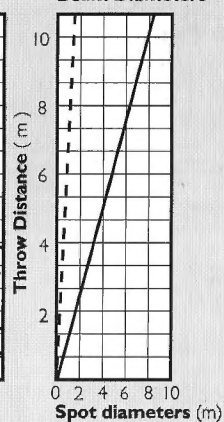
Cd Distribution Graphs



Lux Levels



Beam Diameters



Electrical Data

MINIM F & PC	
Supply Voltage	110/240V 50/60Hz
Maximum Wattage	500W. Normally supplied with a CP81 300W lamp.
Lampholder	Fitted with GY9.5 unequal diameter pin lampholder with ceramic body wired to porcelain terminal block in external mounted moulded handle assembly which incorporates strain relief of internal and external wiring.
Supply Cable	1.5 metres of 3 x 0.75 sq mm high temperature silicone insulated cable rated at 180°C.
Standards	Designed to conform to EN60 598 2-17.

Environmental Data

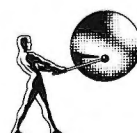
MINIM F & PC	
Max Ambient Temp	45°C
Max Surface Temp	210°C
Operating Angles	+45° to 0° to -90°

Ordering Information

Product	Description	Item No.
Minim F	(Black) complete with CP81 300W lamp	22 300 10
Minim F	(White) complete with M38 300W lamp	19 920 10
Minim PC	(Black) complete with CP81 300W lamp	22 315 07
Minim PC	(White) complete with M38 300W lamp	19 920 15
Accessories	Description	Item No.
	4 leaf rotating bamdoor	23 200 04
	Spare 125mm colour frame	27 806 0T
	Universal mounting bracket	26 866 07
	16mm female stand mounting spigot adaptor	26 865 01

Lamps					
Type	Watts	Colour Temp °K	Rated Life (Hours)	Item Number	
				240V	220V
CP81	300	3200	150	34 349 49	34 349 30
M38	300	2950	2000	34 350 71	34 350 8T
RSE18	500	3050	500	34 218 12	34 218 20
CP82	500	3200	150	34 349 65	34 349 57
M40	500	2950	2000	34 350 12	34 350 20

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Strand Lighting

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