



SUPERLEO 20-24 kW Quartz Halogen Fresnel Spotlight



Mod. 400

SPECIFICATIONS

PHISICAL

- Octagonal-shaped lightweight stainless steel construction
- Double wall & internal baffles for efficient ventilation
- Coated with a high temperature heatresistant powder coat black epoxy paint finish
- Supplied with a stainless steel wireguard
- Hinged lens door with wire guard for easy re-lamping including accessory clips which can be positioned to suit various applications
- Top locking safety bracket for barndoor & colorframe
- Capable of being disassembled with a screwdriver for easy replacement of parts & maintenance
- Reinforced steel tube yoke with 1" male spigot attached for C-clamp
- Clutch activated T-handle for secure, single hand operation
- UL Listed

ELECTRICAL

- 115-240V, 50/60Hz
- 12/3 SO type cable
- Six foot (6') standard detachable power cable
- Built-in 125 amp on/off toggle switch

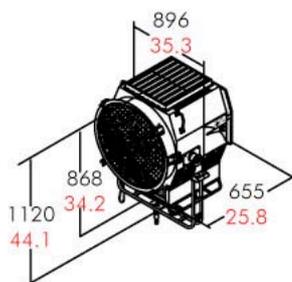
LAMP

- 24000w Maximum
- Capable of interchanging a 20,000w or
- 24,000w lamp
- G38 bi-post locking lever socket for long life tungsten halogen lamps (see table for suitable lamps)

OPTICAL/FOCUS MECHANISM

- 24-1/2" (625mm) shock resistant borosilicate glass fresnel lens
- Special bi-metallic clad aluminum reflector for high degree of reflectivity and thermal resistance for long life
- Focusable from both the front and the rear
- Cable driven focus mechanism guides Teflon bushings along a brass guide rail that is chrome plated to ensure smooth operation
- Teflon bushings provide a wiping action which cleans the chrome plated brass guide rail during focusing
- Mechanism restricts bouncing and chattering of the lamp carriage during focusing
- Teflon bushings also provide a wiping action which cleans the chrome plated brass guide rail during focusing

DIMENSIONS



Dimensions in mm
Dimensions in inches

PHOTOMETRIC DATA

PHOTOMETRIC DATA SUPERLEO 20-24 kW

Values measured with: CP 83 (20 kW) and FUJI 24 Lamp – 230 V, 625 mm – diam. Fresnel Lens						
METERS						
TYPICAL DISTANCES		20'	40'	60'	80'	
LIGHT CENTER VALUES	Candle Power		Footcandles			
	SPOT	20 kW	990.000	27.500	6.875	3.056
	24 kW	1.070.000	29.722	7.431	3.302	1.858
FLOOD	10 kW	160.000	4.444	1.111	494	278
	12 kW	170.000	4.722	1.181	525	295
BEAM ANGLE (50% of center value)			F.C. AT ANY DISTANCE = Candle Power : (distance in ft) ²			
			BEAM DIAMETER (W x H in feet)			
SPOT	10,0°		1,0	2,1	3,1	4,2
FLOOD	50,0°		5,6	11,2	16,8	22,4

PHOTOMETRIC DATA SUPERLEO 10-12 kW

Values measured with: CP 83 (10 kW) and FUJI Lamp – 230 V, 500 mm – Fresnel Lens						
FEET						
TYPICAL DISTANCES		20'	40'	60'	80'	
LIGHT CENTER VALUES	Candle Power		Footcandles			
	SPOT	10 kW	990.000	2.475	619	275
	12 kW	1.070.000	2.675	669	297	167
FLOOD	10 kW	160.000	400	100	44	25
	12 kW	170.000	425	106	47	27
BEAM ANGLE (50% of center value)			F.C. AT ANY DISTANCE = Candle Power : (distance in ft) ²			
			BEAM DIAMETER (W x H in feet)			
SPOT	5,6°		3.5	7.0	10.5	14.0
FLOOD	56,2°		18.7	37.3	56.0	74.6

ORDERING INFORMATION

MOD.	DESCRIPTION
490.210	Version without dimmer, 6' detachable cable w/ 125 amp in-line on/off toggle switch
492.210	Version with built-in-dimmer, 6' detachable cable and 125 amp on/off toggle switch

CONNECTOR DESIGNATIONS

MOD.	DESCRIPTION
100PC-M	Two-pin & ground, 100 amp connector.

ACCESSORIES

MOD.	DESCRIPTION
496.100	Four leaf rotating barndoor (Large)
497.100	Four leaf rotating barndoor (Medium)
499.100	Eight way rotating barndoor (Large)
8035	Eight way rotating barndoor (Medium)
401.100	Colour frame
404.110	Outrigger colour frame
404.120	Outrigger colour frame mounting kit
5505.100	Cone with two discs (front aperture diam.: 190 mm. 150 mm. 110 mm.).
DGP-B250X	Set of scrims - Stainless steel