



## STUDIO 1kW, STUDIO 2kW & STUDIO 5kW Quartz Halogen Fresnel

- Improved light quality and output, producing a flatter and more even field
- High quality, rugged, durable
- Corrosion resistant for longer life
- Compatibility of parts throughout the range
- A comprehensive range of accessories, interchangeable with existing Quartzcolor products
- Easy to service and maintain
- Bonding eyes and rigging hooks
- Front and back focusing
- New worm drive mechanism for precise focusing
- New focus system, easy to adapt from manual to pole operation and maintenance free
- New easy running barndoors ears
- Scratch resistant black non-reflective housing
- cULus listed



### Operational data

#### Safety:

1" x 1" wire mesh guard.

#### Accessory fitting:

Die cast aluminum ears. Spring loaded top and lower catch for retention of accessories.

#### Tilt adjustment:

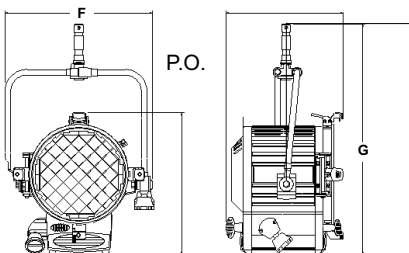
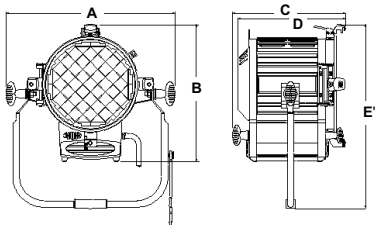
Pivot located at centre of gravity for excellent balance and positive locking.

#### Focus adjustment:

Front and rear focusing knobs plus additional side mechanism (PO) for smooth and precise action from spot to flood positions

#### Lamp access:

Hinged lens door allows easy access for lamp replacement.



Dimensions			
	1kW	2kW	5kW
A	15 <sup>3</sup> / <sub>4</sub> "	21 <sup>3</sup> / <sub>4</sub> "	22 <sup>3</sup> / <sub>4</sub> "
B	13 <sup>3</sup> / <sub>4</sub> "	17 <sup>3</sup> / <sub>4</sub> "	21"
C	12 <sup>1</sup> / <sub>2</sub> "	14 <sup>1</sup> / <sub>2</sub> "	16 <sup>1</sup> / <sub>2</sub> "
D	11 <sup>1</sup> / <sub>2</sub> "	13 <sup>3</sup> / <sub>4</sub> "	15 <sup>1</sup> / <sub>2</sub> "
E	26"	28 <sup>3</sup> / <sub>4</sub> "	30 <sup>1</sup> / <sub>2</sub> "
F	14 <sup>3</sup> / <sub>4</sub> "	18 <sup>1</sup> / <sub>4</sub> "	20 <sup>1</sup> / <sub>4</sub> "
G	22 <sup>1</sup> / <sub>2</sub> "	28 <sup>1</sup> / <sub>2</sub> "	30 <sup>3</sup> / <sub>4</sub> "

Weights & dimensions	1kW	2kW	5kW
Lens diameter	7"	10"	11 <sup>3</sup> / <sub>4</sub> "
Accessory diameter	10 <sup>3</sup> / <sub>16</sub> "	12 5/8"	16"
Filter cut size	9 <sup>3</sup> / <sub>4</sub> " x 9 <sup>3</sup> / <sub>4</sub> "	12 <sup>1</sup> / <sub>2</sub> " x 12 <sup>1</sup> / <sub>2</sub> "	15 <sup>3</sup> / <sub>4</sub> " x 15 <sup>3</sup> / <sub>4</sub> "
Weight (head + yoke)	16 <sup>1</sup> / <sub>2</sub> lb	24 lbs	37 <sup>1</sup> / <sub>2</sub> "
Weight (head + yoke) P.O.	24 lbs	33 lbs	44 lbs
Packed weight	21 lbs	28 <sup>1</sup> / <sub>2</sub> lbs	46 lbs
Packed weight P.O.	28 <sup>1</sup> / <sub>2</sub> lbs	40 lbs	55 lbs
Packed volume	2.24 cu ft	3.40 cu ft	6.15 cu ft
Packed volume P.O.	3.40 cu ft	4.42 cu ft	10.24 cu ft

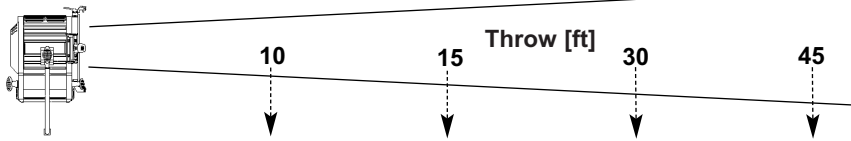
# Quartz Halogen Fresnels



Strand Studio Lighting

## Photometric data

Studio 1kW - Typical performance based on EGT - 1000W lamp

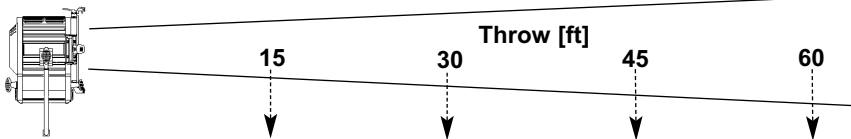


	FC	φ [ft]	FC	φ [ft]	FC	φ [ft]	FC	φ [ft]
<b>SPOT</b> (10°)	1870	1.8	831	2.7	208	5.3	92	7.9
<b>FLOOD</b> (58.2°)	233	11	104	16.4	26	32.8	12	49.2

Studio 2kW - Typical performance based on CYX - 2000W lamp

	FC	φ [ft]	FC	φ [ft]	FC	φ [ft]	FC	φ [ft]
<b>SPOT</b> (9°)	3330	1.6	1480	2.4	370	4.8	164	7.2
<b>FLOOD</b> (57.8°)	407	10.9	181	16.3	45	32.5	20	48.8

Studio 5kW - Typical performance based on DPY - 5000W lamp



	FC	φ [ft]	FC	φ [ft]	FC	φ [ft]	FC	φ [ft]
<b>SPOT</b> (12°)	2658	3.2	664	6.4	295	9.5	166	12.7
<b>FLOOD</b> (63.2°)	462	18.6	116	37.2	51	55.8	29	74.4

## Mechanical data

### Paint / Finish

Powder coated epoxy paint with special extra high temperature treatment in critical areas. External textured low gloss finish

### Lamp house

Die cast aluminum components, stainless steel housing

### Mounting

Robust tubular steel yoke, with standard 1 1/8" spigot, PO with c-clamp

## Environmental Data

Max operating ambient temperature: 110°F

IP Rating IP 20

### Tilt recommended angle of use

-90° / 0 / 90° (1 & 2kW) or -60° / 0 / 60° (5kW)

## Electrical data

**Cable / Switching:** 23' cable with in-line 1kW-15A/120V, 2kW-20A/120V ON-OFF toggle switch; 6' cable with side mounted 45A/120V ON-OFF toggle switch for 5kW  
No switch on P.O. versions

## Lamp data

**Lamp code** EGT - 1000W  
**LCL (mm)** 2 1/2"  
**Base** G22  
**Lumens** 28500  
**Rated life hours (H)** 250  
**Color temp. (K)** 3200

**Lamp code** CYX - 2000W  
**LCL (mm)** 5"  
**Base** G38  
**Lumens** 59000  
**Rated life hours (H)** 400  
**Color temp. (K)** 3200

**Lamp code** DPY - 5000W  
**LCL (mm)** 6 1/2"  
**Base** G38  
**Lumens** 143000  
**Rated life hours (H)** 500  
**Color temp. (K)** 3200

## Ordering information

### Cat No Description

- 27256** Studio 1kW supplied with yoke, color frame, 8-leaf rotating barndoor
- 27266** Studio 2kW supplied with yoke, color frame, 8-leaf rotating barndoor
- 27276** Studio 5kW supplied with yoke, color frame, 8-leaf rotating barndoor

## 1000W Optional Accessories

### Cat. No Description

- 28859** Color frame
- 28857** 8-leaf barndoor
- 28354** Scrim set (two double scrims, one single scrim, one half double scrim, one half single scrim)
- 28850** Cone (Adjustable)

## 2000W Optional Accessories

- 28093** Color frame
- 28071** 8-leaf barndoor
- 28356** Scrim set (two double scrims, one single scrim, one half double scrim, one half single scrim)
- 28090** Cone S
- 28091** Cone M
- 28092** Cone L

## 5000W Optional Accessories

- 28097** Color frame
- 28075** 8-leaf barndoor
- 28357** Scrim set (two double scrims, one single scrim, one half double scrim, one half single scrim)
- 28094** Cone S
- 28095** Cone M
- 28096** Cone L

Standards compliance: cULus listed



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