

## ARRI T12 12000W Fresnel



### Cat. No. Description

533100	T12 Stand Model (120V)
533102	T12 Stand Model (220V)
533110	Four Leaf Barndoor
533120	Filter Frame
533160	Outrigger Color Frame
533150	19 1/2" Full Single Scrim
533151	19 1/2" Half Single Scrim
533152	19 1/2" Full Double Scrim
533153	19 1/2" Half Double Scrim
571718	Scrim Bag
853276	Safety Cable
531510	Operating Pole for pole-op fixtures
533130	12K Dimmer (120V/50-60Hz)

### Lamps

Code	KP120H/120	DTY	KP120H/220	CP83
Watts	12000	10000	12000	10000
Volts	120	120	230	230
Color Temp (K)	3400	3200	3400	3200
Approx. Life (hrs)	150	300	150	300

### Specifications

Weight	64 lbs. (29 kg)
Cable	6.6 ft. (2.0 m)
Lens Diameter	16.7" (424 mm) low expansion borosilicate Fresnel lens
Reflector	Spherical specular high purity aluminum
Lampholder	G38
Mounting	1 1/8" (29 mm) stand mount

### Photometric Data with 12000W 120V Lamp

Distance	20 ft. (6.1 m)	25 ft. (7.6 m)	30 ft. (9.1 m)	40 ft. (12.2 m)	50 ft. (15.2 m)
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#### Spot Focus Beam Angle 13°

Footcandles	3775	2416	1678	944	604
Beam Diameter	4.6 ft. (1.4 m)	5.7 ft. (1.7 m)	6.8 ft. (2.1 m)	9.1 ft. (2.8 m)	11.4 ft. (3.5 m)

#### Medium Focus Beam Angle 30°

Footcandles	1388	888	617	347	222
Beam Diameter	10.7 ft. (3.3 m)	13.4 ft. (4.1 m)	16.1 ft. (4.9 m)	21.4 ft. (6.5 m)	26.8 ft. (8.2 m)

#### Flood Focus Beam Angle 63°

Footcandles	541	346	241	135	87
Beam Diameter	24.5 ft. (7.5 m)	30.6 ft. (9.3 m)	36.8 ft. (11.2 m)	49.0 ft. (14.9 m)	61.3 ft. (18.7 m)

#### Spot Performance at any distance:

$$\text{Footcandles (or lux)} = 1,510,000 \div \text{Distance}^2 \quad \text{Beam Diameter} = \text{Distance} \times 0.23$$

#### Medium Performance at any distance:

$$\text{Footcandles (or lux)} = 555,200 \div \text{Distance}^2 \quad \text{Beam Diameter} = \text{Distance} \times 0.54$$

#### Flood Performance at any distance:

$$\text{Footcandles (or lux)} = 216,400 \div \text{Distance}^2 \quad \text{Beam Diameter} = \text{Distance} \times 1.23$$

