



## Photometrics

		Distance From Subject						
		3'-0"	6'-0"	9'-0"	12'-0"	15'-0"	18'-0"	21'-0"
		.915m	1.83m	2.74m	3.66m	4.57m	5.49m	6.40m
<b>No Accessories</b>								
Footcandles on center		366	105	47	25	19	15	10
Beam Spread: W x H		52"x48"	80"x92"	121"x136"	155"x174"	193"x196"	250"x276"	311"x270"
<b>w/Broad Screen</b>								
Footcandles on center		239	82	37	22	15	10.5	8
Beam Spread: W x H		36"x22"	60"x54"	88"x82"	114"x104"	138"x132"	164"x162"	192"x186"
<b>w/Narrow Screen</b>								
Footcandles on center		223	73	35	20	15	9	6.5
Beam Spread: W x H		22"x19"	30"x36"	48"x52"	62"x68"	78"x90"	96"x104"	122"x126"
<b>w/Intensifier</b>								
Footcandles on center		503	152	70	41	27	20	15
Beam Spread: W x H		60"x52"	70"x76"	88"x128"	116"x154"	154"x192"	168"x226"	208"x262"
<b>w/Int. &amp; Broad Screen</b>								
Footcandles on center		414	131	61	36	24	17	12.5
Beam Spread: W x H		32"x38"	56"x66"	80"x94"	102"x122"	126"x152"	154"x180"	184"x218"
<b>w/Int. &amp; Narrow Screen</b>								
Footcandles on center		350	118	57	34	22	15.5	12
Beam Spread: W x H		24"x26"	36"x44"	50"x62"	64"x80"	78"x100"	92"x122"	104"x138"

Footcandle measurements represent on-center readings taken using a Minolta T-1 Illuminance meter. Beam spread is determined by measuring from center out to 50% of peak in both the vertical and horizontal axes. This distance is then doubled to give the overall beam pattern.

## 2-Lamp Studio Fixture

**Housing:** 14-gauge formed aluminum sheet metal construction. 24-gauge formed aluminum reflector. Low-gloss bronze finish is standard, with custom colors available. The ballasts can be serviced without removing the lamps or reflector.

**Reflector:** 24 gauge (.020) formed aluminum sheet metal construction. Polished spectral finish. 95% specular reflectance.

**Electrical:** A removable 12-ft [3.7-m] power cord with a NEMA 5-15P plug is standard; other plug types are available as options. The fixture is protected by an externally removable fuse, with an onboard spare.

**Switch:** On-board, rocker ON/OFF switch.

**Lamps:** (2) 55W/21T5/2G11RS 3000°K available with 10,000hour rated life; 3200° & 5600°K available with 8,000 hour rated life.

**Ballasts:** Ballasts are available for 120V, 230V, or 277V 50-60 Hz operation. Ballasts are high-frequency electronic with a power factor  $\geq 97\%$ ; Class A sound rating, and a THD  $< 20\%$ . Dimmed fixtures may be controlled by a low-voltage (0 to +10VDC) analog source, by a line-voltage dimmer, by DALI digital, or by DMX-512. A converter is available to change DMX-512 to DALI to drive the digital fixtures.

**Dimensions:** S1.2 are 24.3 in [620 mm] wide x 7.8 in [200 mm] high x 9.1 in [230mm] deep. (With a horizontal yoke, the overall width of the fixture increases to 27.5 in [700 mm], which includes the palm handles.)

**Weight:** S1.2 fixtures range from 9 lb [4.1 kg] to 10 lb [4.5 kg], depending on ballast type.

**Mounting:** Fixture has a 10-gauge horizontal or vertical extruded aluminum yoke, with palm handles standard. Each fixture is supplied with a 2-in-OD C-clamp with an integral safety cable.

**Accessories:** A variety of accessories are available. Black finish on accessories is standard, with custom color available on request.

### 2-Lamp

Shipping Information
Length: 25 in (635 mm)
Width: 12 in (305 mm)
Height: 13 in (331 mm)
Weight: 25 lb (11.4 kg)



Rear of DMX Fixture (L to R) DMX Thru AC In, Address Selector, On/Off Switch, Power In & Thru



Rear of Phase Dimmed Fixture showing Power In & Thru and On/Off Switch; Non-Dim similar.



Rear of DALI Dimming Fixture showing Power In & Thru, On/Off Switch, and DALI Signal In & Thru.



Rear of Analog (Rotary Dim) Fixture showing Power In & Out, On/Off Switch, and Rotary Dial for Dimming.

S	Lamps	Control	Voltage
	SeriesONE	1.4 = 4-Lamp Fixture	E = EcoSystem
	1.2 = 2-Lamp Fixture	L = Hi-Lume	2 = 230V
	1.1 = 1-Lamp Fixture	N = Non-Dim	7 = 277V
		P = Phase	
		R = Rotary	
		X = Digital	

  

Digital Control
DMX = DMX Dimmable (2- and 4- lamp only)
DLI = DALI Dimmable
* Only use DMX or DLI when using a Digital "X" ballast *

  

Yoke
H = Horizontal
V = Vertical
C = Compact

Note: EcoSystem Ballasts have a THD of 20%.

Note: Hi-Lume and Phase-Dim ballasts are not available in 230V.

Note: Custom Finish is available. Add a "-CF" to the end of the part number.

Note: Fixtures require Control Screens and Lamps; see Fixture Accessories and Lamps datasheet for options.

Note: Fixtures with Hi-Lume or any 277V ballast are provided with bare-lead connections for power.