



## 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		441	125	63	39	28	21	17
Beam Spread: W x H		55"x50"	83"x98"	123"x138"	159"x178"	197"x199"	246"x279"	318"x288"
<b>w/Broad Screen</b>								
Footcandles on center		321	92	42	24	16	12	9
Beam Spread: W x H		36"x32"	62"x92"	90"x94"	124"x124"	156"x158"	184"x184"	218"x210"
<b>w/Narrow Screen</b>								
Footcandles on center		240	80	37.5	22	15	10.5	8
Beam Spread: W x H		22"x16"	38"x32"	54"x50"	70"x66"	88"x80"	106"x98"	122"x118"
<b>w/Intensifier</b>								
Footcandles on center		825	231	117	72	53	39	32
Beam Spread: W x H		66"x55"	77"x79"	93"x131"	120"x159"	159"x199"	175"x232"	221"x298"
<b>w/Int. &amp; Broad Screen</b>								
Footcandles on center		589	188	87	51	34	24	18
Beam Spread: W x H		36"x28"	56"x50"	82"x74"	110"x96"	134"x114"	160"x148"	196"x172"
<b>w/Int. &amp; Narrow Screen</b>								
Footcandles on center		479	170	81	47	31	22	16.5
Beam Spread: W x H		24"x16"	36"x28"	50"x42"	68"x54"	84"x66"	100"x82"	116"x92"

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.

**4-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-in) 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 4-lamp fixtures, a three-position switch allows for 2- or 4-lamp operation.

**Lamps:** (4) 55W/21T5/2G11RS 3000°K available with 10,000-hour 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:** S1.4 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:** S1.4 fixtures range from 11 lb [5 kg] to 14 lb [6.4 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.

**4-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.

<b>S</b>						
		Lamps	Control	Voltage		
	SeriesONE	1.4 = 4-Lamp Fixture	E = EcoSystem L = Hi-Lume	1 = 120V		
		1.2 = 2-Lamp Fixture	N = Non-Dim P = Phase	2 = 230V		
		1.1 = 1-Lamp Fixture	R = Rotary X = Digital	7 = 277V		
					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.