



Photometrics

Distance From Subject

	3-ft .915-m	6-ft 1.83-m	9-ft 2.74-m	12-ft 3.66-m	15-ft 4.57-m	18-ft 5.49-m	21-ft 6.40-m
No Accessories							
Footcandles on Center	441	125	63	39	28	21	17
Beam Spread: W x H (inches)	55 x 50	98 x 83	138 x 123	178 x 159	199 x 197	279 x 246	318 x 288
w/ Broad Screen							
Footcandles on Center	321	92	42	24	16	12	9
Beam Spread: W x H (inches)	36 x 32	92 x 62	94 x 90	124 x 124	158 x 156	184 x 184	218 x 210
w/ Narrow Screen							
Footcandles on Center	240	80	37.5	22	15	10.5	8
Beam Spread: W x H (inches)	22 x 16	38 x 32	54 x 50	70 x 66	88 x 80	106 x 98	122 x 118
w/ Intensifier							
Footcandles on Center	825	231	117	72	53	39	32
Beam Spread: W x H (inches)	66 x 55	79 x 77	131 x 93	159 x 120	199 x 159	232 x 175	298 x 221
w/ Int. & Broad Screen							
Footcandles on Center	589	188	87	51	34	24	18
Beam Spread: W x H (inches)	36 x 28	56 x 50	82 x 74	110 x 96	134 x 114	160 x 148	196 x 172
w/ Int. & Narrow Screen							
Footcandles on Center	479	170	81	47	31	22	16.5
Beam Spread: W x H (inches)	24 x 16	36 x 28	50 x 42	68 x 54	84 x 66	100 x 82	116 x 92

Footcandle measurements represent on-center readings taken using a Minolta T-I 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.

580 Mayer Street - Building # 7 - Bridgeville, PA 15017 USA

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Housing

14-gauge formed aluminum sheet metal construction. 24-gauge formed aluminum reflector. Mineral bronze finish (Cardinal #T025-BR01) is standard, with custom colors available. The ballast 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 onboard spare.

Switch

On 4-lamp fixtures, a three-position switch allows for 2-lamp or 4-lamp operation and on/off operation.

Ballasts

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

Lamps

(4) 55W/21T5/2G11RS 3000°K available with 10,000 hour rated life; 3200°K & 5600°K available with 8,000 hour rated life.

Dimensions

S1.4 fixture is 24.27-in (616-mm) wide x 12.48-in (317-mm) high x 9.1-in (231-mm) 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-inch 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 In and Thru, Address Selector, On/Off Switch, Power In and Thru.



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



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



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

S	Lamps	Ballast Type	Voltage
SeriesONE	1.4 = 4-Lamp Fixture	E = Ecosystem	1 = 120V
	1.2 = 2-Lamp Fixture	N = Non-Dim	2 = 230V
	1.1 = 1-Lamp Fixture	P = Phase	7 = 277V
		R = Rotary	
	X = Digital		

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 Ecosystem or 277V ballasts are provided with bare-lead connections for power.

Digital Control	Yoke Type
DMX = Dimmable	H = Horizontal
DLI = DALI Dimmable	V = Vertical
	C = Compact

* Only use DMX or DLI when using a Digital "X" ballast*

Note: EcoSystem ballasts have a THD of less than 20%.
 Note: Phase-Dim ballasts are not available in 230V.
 Note: DMX fixtures are available in 120V and 230V only.

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