



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	366	105	47	25	19	15	10
Beam Spread: W x H (inches)	52 x 48	92 x 80	136 x 121	174 x 155	196 x 193	276 x 250	311 x 270
w/ Broad Screen							
Footcandles on Center	239	82	37	22	15	10.5	8
Beam Spread: W x H (inches)	36 x 22	60 x 54	88 x 82	114 x 104	138 x 132	164 x 162	192 x 186
w/ Narrow Screen							
Footcandles on Center	223	73	35	20	15	9	6.5
Beam Spread: W x H (inches)	22 x 19	36 x 30	52 x 48	68 x 62	90 x 78	104 x 96	126 x 122
w/ Intensifier							
Footcandles on Center	503	152	70	41	27	20	15
Beam Spread: W x H (inches)	60 x 52	76 x 70	128 x 88	154 x 116	192 x 154	226 x 168	262 x 208
w/ Int. & Broad Screen							
Footcandles on Center	414	131	61	36	24	17	12.5
Beam Spread: W x H (inches)	38 x 32	66 x 56	94 x 80	122 x 102	152 x 126	180 x 154	218 x 184
w/ Int. & Narrow Screen							
Footcandles on Center	350	118	57	34	22	15.5	12
Beam Spread: W x H (inches)	26 x 24	44 x 36	62 x 50	80 x 64	100 x 78	122 x 92	138 x 104

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.

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

Onboard, rocker ON/OFF switch.

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

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

Dimensions

S1.2 fixture is 24.27-in (620 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

S1.2 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-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.

2 - Lamp

Shipping Information
Length: 25-in (635-mm)
Width: 12-in (305-mm)
Height: 13-in (331-mm)
Weight: 22-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.

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	Lamps	Ballast Type	Voltage
	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 277V ballasts are provided with bare-lead connections for power.

Digital Control
DMX = Dimmable
DLI = DALI Dimmable
* Only use DMX or DLI when using a Digital "X" ballast*

Yoke Type
H = Horizontal
V = Vertical
C = Compact

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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