

**Parking Areas**  
**Building Entrances**  
**Pedestrian Walkways**  
**Shopping Malls**  
**Large Areas**



## Specifications



- HOUSING** Each Design 123 one-piece, reinforced housing shall be constructed of heavy-gauge spun aluminum. the fixture shall be C-UL & UL listed "suitable for wet locations".
- LENS FRAME** The heavy-duty cast aluminum lens frame shall be hinged to the housing with twin stainless steel piano hinges.
- LENS AND GASKETING** The flat or convex thermal and shock resistant glass lens shall be gasketed to the lens frame with extruded butyl acrylic tape sealant secured with retainer clips. The lens frame shall be gasketed to the housing's internal reinforcement ring with silicone impregnated Dacron gasketing.
- MOUNTING** Each Design 123 shall be provided with a cast aluminum 2.5" long arm for mounting a single fixture or twin fixtures at 180°. A 13.5" long aluminum arm is supplied for other mounting configurations.
- REFLECTOR** Design 123 shall be available with the following reflector systems: 1) Type VR - rectangular distribution; 2) Type F - forward throw distribution; 3) Type V - symmetrical distribution; 4) Type 3 - asymmetrical distribution; 5) Type VS - square vertical lamp. All photometric data shall be certified by an independent testing facility.
- BALLAST** All CWA ballasts (+10% to -10% lamp power regulation) shall be tray mounted and supplied with quick-disconnects. Ballasts are rated for -20° F operation. All non CWA ballast shall be HPF.
- FINISH** Polyester powder coat, electrostatically applied, which is preceded by a five step pre-treatment process including an iron phosphate priming stage for superior coating adhesion. This process meets or exceeds all ASTM testing requirements, including those for 1,000 - hour salt spray endurance testing.

<b>PROJECT</b>
<b>FIXTURE TYPE</b>
<b>CATALOG#</b>

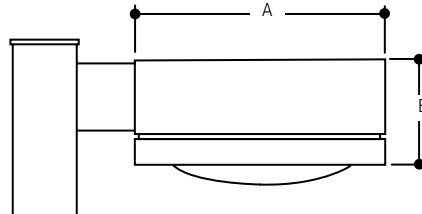
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**DISTRIBUTIONS**

- TYPE VR Rectangular Symmetrical (Vert. Lamp)
- TYPE F Forward Throw (Horiz. Lamp)
- TYPE V Symmetrical (Vert. Lamp)
- TYPE VS Square (Vertical Lamp)
- TYPE 3 Asymmetrical (Horiz. Lamp)

**ORDERING EXAMPLE** 123-25-VR-HPS-400-CL-DB-120-LA-FD-CL80x360

DESIGN	DISTRIBUTION	HPS	MH/MHP	LAMP	LENS	
					MH = Std. Metal Halide MHP = Pulse Start	CL = Convex glass lens FL = Flat glass lens
123-20	3	70/100/150	100/150/175/200*	ED-17	CL	FL
	F	70/100/150	100/150/175/200*	ED-17	CL	FL
	V	70/100/150	100/150/175/200*	ED-17	CL	FL
123-25	VR	250/400		ED-18	CL	or FL
	VR		250/400	ED-28	CL	or FL
	VR		400/450*	ED-37	CL	
	VR	750		BT-37	CL	
123-25	VS	250/400		ED-18	CL	or FL
	VS		250/400	ED-28	CL	or FL
	VS		400/450*	ED-37	CL	
	VS	750		BT-37	CL	
123-25	3	250/400		ED-18	FL	
	3		250	ED-28	FL	
	3		400	ED-37	FL	
	3	750		BT-37	FL	
123-25	F	250/400		ED-18	FL	
	F		250	ED-28	FL	
	F		400	ED-37	FL	
	F	750		BT-37	FL	



**EFFECTIVE PROJECTED AREA (EPA)**

Size	20"	25"
1 Fixture	1.40 sq. ft. (.13M2)	2.0 sq. ft. (.19M2)
2 Fixtures	2.80 sq. ft. (.27M2)	4.0 sq. ft. (.38M2)
3 Fixtures	3.85 sq. ft. (.37M2)	4.6 sq. ft. (.44M2)
4 Fixtures	4.48 sq. ft. (.43M2)	6.4 sq. ft. (.61M2)

**WEIGHT**

20"	36 lbs. (16.33 kgs)
25"	59 lbs. (28.76 kgs)

**DIMENSIONS**

	20" Dia	25" Dia.
A	20.00" (508.00 mm)	25.00" (635.00 mm)
B	10.50" (266.00 mm)	11.00" (279.40 mm)

\* Available only in Pulse Start 100,150,200,450 MHP = Pulse Start

**REQUIRED CHOICES**

**FINISH**



**VOLTAGES MOUNTINGS**

120	SA	Standard Arm (2.5")
208	LA	Long Arm (13.5")
240	CWB	Cast Wall Bracket
277	ESF	External Slip Fitter
347		(for 2-3/8" O.D. Pipe)
480		

**OPTIONAL CHOICES**

ELECTRICAL OPTIONS	OPTICAL OPTIONS	LIGHT TRESPASS OPTIONS
FD Single Fusing 120V/277V	LX Vandal Resistant Shield (Lexan lens 400W max.)	CL80x360 Internal 80° Vert. x 360° Horiz. Lens Shielding
FDD Double Fusing 480V		CL60x135 Internal 60° Vert. x 135° Horiz. Lens Shielding
FDFD Double Fusing 208V/240V		HSS House Side Shield (75° Standard) (External)
FDC Single Fusing 347V		FL Flat clear glass lens (see ordering information for availability)
PCT Photo Cell and Receptacle		



CWB



ESF



CL80x360 - Internal  
80° Vert. x 360° Horiz.  
Lens Shielding



CL60x135 - Internal  
60° Vert. x 135° Horiz.  
Lens Shielding