

Parking Areas
Building Entrances
Pedestrian Walkways
Shopping Malls
Large Areas



Specifications



HOUSING	Each domed top, reinforced housing shall be constructed of heavy gage spun aluminum. The fixture is 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 hinges.
LENS	The flat or convex thermal and shock resistant glass lens is sealed to the lens frame and secured with retainer clips.
LENS AND GASKETING	The lens is gasketed to the lens frame with extruded butyl acrylic tape sealant. The lens frame is gasketed to the housing's internal reinforcing ring with silicone-impregnated Dacron gasketing.
INSTALLATION	Design 140 fixtures are supplied with a yoke assembly allowing the fixture to be tilted 45° to permit easy access to the reflector compartment for re-lamping, or to the ballast compartment for service. Tenon adapter bracket (TPH) is available for mounting to poles with existing tenons.
REFLECTOR	Design 140 shall be available with the following reflector systems: 1) Type VS (29" only) - square distribution, vertical lamp, 16-panel reflector; 2) Type VR (25" & 29" only) - rectangular distribution, vertical lamp, 6 or 10-panel reflector; 3) Type 3 - asymmetrical distribution; 4) Type V (20" only) - symmetrical distribution, 5) Type F - Forward Throw
BALLAST	All ballasts are CWA or HX-HPF type with power factor of 90% and are easily removed and supplied with quick disconnects. Ballasts are rated for -20°F. or -40°F. operation.
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.

PROJECT
FIXTURE TYPE
CATALOG#

Quality Lighting
 2930 South Fairview Street
 Santa Ana, CA 92704
 Phone (714) 371-2394 • FAX (714) 668-1107 • Toll Free Phone (800) 545-1326
 e-mail: sales@qualitylighting.com • www.qualitylighting.com
 Specifications subject to change without notice. ©2007 Quality Lighting

DISTRIBUTIONS

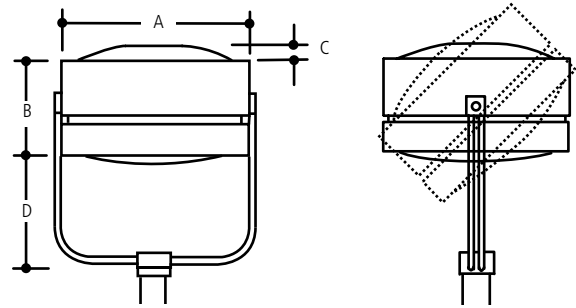
TYPE VS Square (Vert. Lamp) TYPE 3 Asymmetrical (Horiz. Lamp)
 TYPE VR Rectangular (Vert. Lamp) TYPE V Symmetrical (Vert. Lamp)
 TYPE F Forward Throw (Horiz. Lamp)

ORDERING EXAMPLE 140-25-VR-HPS-400-CL-DB-120-MP-FD-CL80x360

MH = Std. Metal Halide CL = Convex glass lens
 MHP = Pulse Start FL = Flat glass lens

DESIGN	DISTRIBUTION	HPS	H/MHP	LAMP	LENS
140-20	3	70/100/150	70/100/150/175/200*	ED-17	FL
	V	70/100/150	70/100/150/175/200*	ED-17	FL
	F	70/100/150	70/100/150/175/200*	ED-17	FL
140-25	VR/VS	250/400		ED-18	CL or FL
	VR/VS		250	ED-28	CL or FL
	VR/VS		400/450*	ED-37	CL or FL
	VR/VS	750		BT-37	CL or FL
	3/F	250/400		ED-18	FL
	3/F		250/400	ED-28/37	FL
	3/F	750		BT-37	FL
140-29	VR/VS	400		ED-18	CL or FL
	VR/VS	750		BT-37	CL or FL
	VR/VS	1000		E-25	CL
	VR/VS	1000 Flat Lens		ED-37	FL
	VR/VS		400	ED-37	CL or FL
	VR/VS		1000	BT-56	CL
140-29	3/F	400		ED-18	FL
	3/F	750		BT-37	FL
	3/F	1000		E-25	FL
	3/F		400	ED-37	FL
	3/F		1000	BT-56	FL

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



DIMENSIONS

	20"	25"	29"
A	20.00" dia. (508 mm)	25.00" dia. (635 mm)	29.00" dia. (736.6 mm)
B	10.75" (273 mm)	10.00" (254 mm)	10.00" (254 mm)
C	3.25" (82 mm)	3.50" (89 mm)	4.70" (119 mm)
D	12.75" (323 mm)	14.50" (368 mm)	19.0" (482 mm)

EFFECTIVE PROJECTED AREA (EPA)

20"	25"	29"
1.60 sq. ft. (.15M2)	2.20 sq. ft. (.21M2)	2.86 sq. ft. (.27M2)

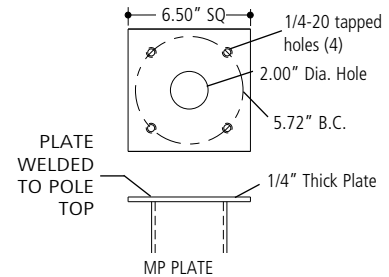
REQUIRED CHOICES

FINISH



VOLTAGES MOUNTINGS

120	TPH	Tenon Adapter plate
208		(Slipfits 2-3/8" to 2-7/8" Pipe Tenon)
240	MP	Mounting Plate (Weld to pole) see detail
277		
347		
480		



MP PLATE NOTES
 Provide plate as shown above or purchase plate from QL.
 On existing poles with 2" tenon - use TPH adapter.

OPTIONAL CHOICES

ELECTRICAL OPTIONS	OPTICAL OPTIONS	LIGHT TRESPASS OPTIONS
FD Single Fusing 120V/277V	LX Vandal Resistant Lens (20" & 25" only, 400 W 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		

