

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



Specifications



- HOUSING** Each Paradigm PDM-24 fixture shall be one-piece die cast aluminum, with a single concealed die-cast aluminum tool-less latch integrated into the face of the housing. The housing shall have a three-sided top acrylic window to provide an optional EDGE-GLO® in various colors. The EDGE-GLO® option shall not have light above 90 degrees. The acrylic window shall be injection molded with down-light prisms. If no EDGE-GLO® option is ordered, a clear frosted lens will be furnished with no visible EDGE-GLO® light. The fixture shall be C-UL and UL listed "suitable for wet locations".
- OPTICAL CHAMBER** The optical chamber shall consist of a segmented reflector with a highly specular processed surface and a socket assembly. Reflector sidewalls and top shall be contoured so that no light is reflected back into the lamp arc tube, for optimum lamp life and performance. All Metal Halide and High Pressure Sodium lamps shall be provided with the appropriate 4KV or 5KV pulse rated socket. The reflectors shall produce the following distributions: Type II, III, F, S, VS.
- LENS FRAME ASSEMBLY** The lens frame assembly shall be one-piece die-cast aluminum, which shall hinge at the pole end, with two concealed stainless steel hinges. The door frame shall have a heat and impact resistant clear tempered glass lens enclosed with high temperature silicone gasket.
- EDGE-GLO® OPTION** The EDGE-GLO® shall consist of a one-piece injection molded acrylic lens with down-light prisms. The lens shall provide an EDGE-GLO® on three sides of the luminaire, the EDGE-GLO® option shall not have light above 90 degrees. The acrylic window shall be injection molded with down-light prisms. The EDGE-GLO® option is available in optional transparent colors. If no EDGE-GLO® option is ordered, a clear frosted lens will be furnished with no visible EDGE-GLO® light.
- ELECTRICAL COMPONENTS** Electrical components shall be UL and C-UL recognized and be an integral part of the fixture. Ballasts and related components shall be integrated onto a single mounting plate as a self-contained subassembly. The fixture, ballast assembly shall attach to fixture using quick-disconnecting key slots with tool-less hinges and latches. Fast field wiring shall be provided for by pre-wiring all electrical component with quick-disconnect plugs. All ballasts shall be the component type, capable of providing lamp starting down to -20°F, with power factor of 90% or better (High Power Factor).
- FIXTURE ARM** The fixture arm shall be a one-piece die-cast aluminum with internal centering guides. Luminaire-to-pole assembly shall be made through a mechanical draw bolt attachment inside the arm, eliminating all exposed fasteners and welds. Arm assembly shall include a pole reinforcing plate which will mount inside the pole for added strength at the arm joint.
- FINISH** Polyester powder coat, electro statically 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

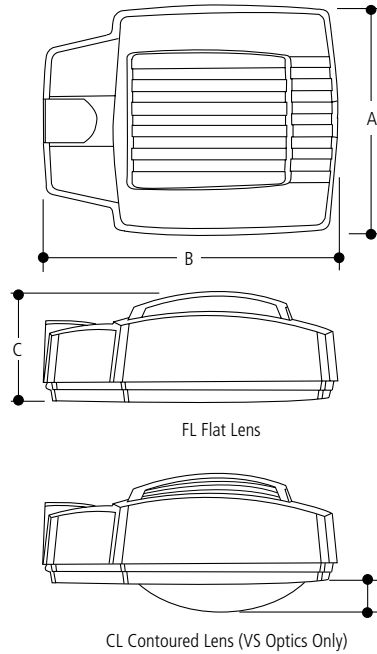
PDM

DISTRIBUTIONS

TYPE 2 Asymmetrical (Horiz. Lamp)
TYPE VS Square (Vertical Lamp)
TYPE F Forward Throw (Horiz. Lamp)

TYPE 3 Asymmetrical (Horiz. Lamp)
TYPE S Square (Horiz. Lamp)

DESIGN	REFLECTOR	HPS	MH= Std. Metal Halide MHP= Pulse Start		LAMP	LENS
			MH/MHP			
PDM-24	VS	250/400			ED-18	CL
			250		ED-28	CL
PDM-24	S	250/400	400		ED-28	CL
			250		ED-18	FL
PDM-24	5	250/400	400		ED-28	FL
			250		ED-37	FL
PDM-24	2	250/400	400		ED-18	FL
			250		ED-28	FL
PDM-24	3	250/400	400		ED-28	FL
			250		ED-37	FL
PDM-24	F	250/400	400		ED-18	FL
			250		ED-28	FL
					ED-37	FL



DIMENSIONS

- A 18.50" (470 mm)
- B 23.62" (600 mm)
- C 8.75" (222.25 mm)
- D 3.50" (88.90 mm)

WEIGHT

35.5 lbs. (16.13kgs)

EFFECTIVE PROJECTED AREA (EPA)

1.0 sq.ft. (.096M2)

MHP = Pulse Start
400W MH VS - Must Use ED-28 400W - Reduced Envelope Lamp (400W Only)

REQUIRED CHOICES

VOLTAGES MOUNTINGS

- 120 LA Long Arm (5.0")
- 208 SA Standard Arm (1.50")
- 240 CWB Cast Wall Bracket
- 277 ESF External Slip Fitter
- 347 (for 2-3/8" O.D. Pipe)
- 480

NON-TRANSLUCENT (UN-LIGHTED)

- ESTD Clear Frosted Window (No Visible Light) - Standard
- EMFC Match Exterior Fixture Color Opaque Window
- ECC Custom Color Opaque Window
- Additional colors available upon request.

TRANSLUCENT (LIGHTED) EDGE-GLO® OPTIONS

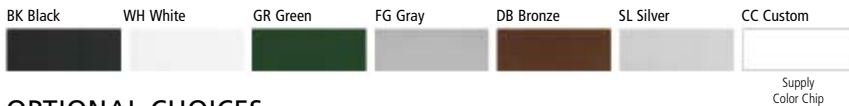
- EGFL Frosted Translucent (Lighted)
- EGCC Custom Color Translucent (Lighted) (see choices)

TRANSLUCENT (LIGHTED) EDGE-GLO® OPTIONS

- PANTONE # DESCRIPTION

- 409C Shadow Grey
- 4625C Dark Brown
- 188C Burgundy
- 187C Red
- 123C Sunflower Yellow
- 349C Green
- 322C Teal Green
- 299C Process Blue
- 2945C Bright Blue
- 281C European Blue

FINISH



OPTIONAL CHOICES

ELECTRICAL OPTIONS

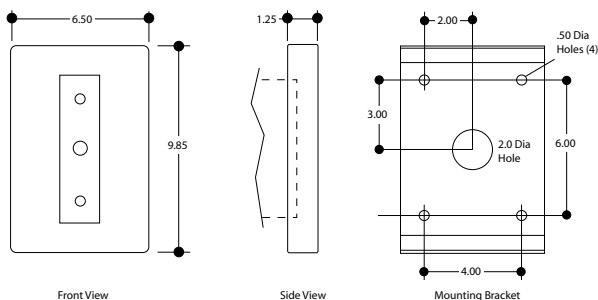
- FD Single Fusing 120V/277V
- FDD Double Fusing 480V
- FDFD Double Fusing 208V/240V
- FDC Single Fusing 347V
- PCT Photo Cell and Receptacle

OPTICAL OPTIONS

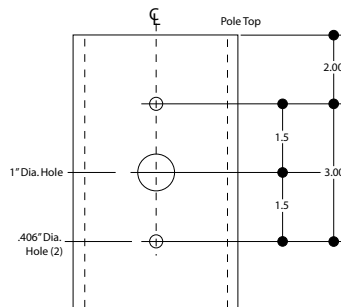
- LX Lexan Lens

LIGHT TRESPASS OPTIONS

- CL80x360 Internal 80 Vert. x 360 Horiz Lens Shielding (VS Dist. Only)
- CL60x135 Internal 60 Vert. x 135 Horiz Lens Shielding (VS Dist. Only)



CWB (Cast Aluminum Wall Bracket)



Pole Drilling for Round or Square Holes