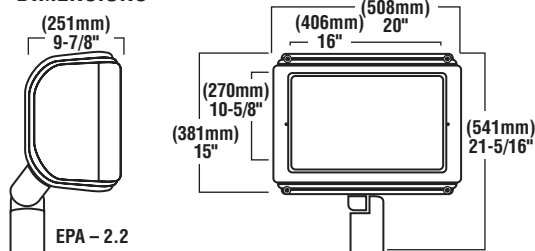
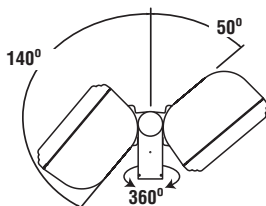




**DIMENSIONS**



**AIMING RANGE**



**MOUNTING BRACKETS**

**STANCHION MOUNT TENON (SMT):** 3" (76mm) O.D. x 250" (6mm) x 22.65" (575mm) cast aluminum with 2" (51mm) pipe tenon (2-3/8" OD x 4-3/4" min. length). Wiring and internal ground lug accessible through hand hole.

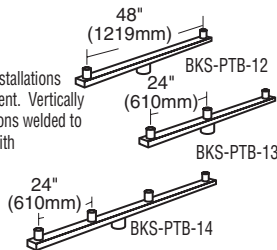
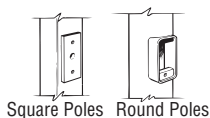
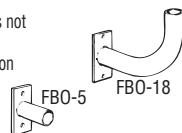
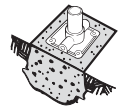
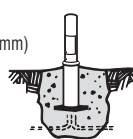
**PAD/WALL MOUNT (PWM)**

2" (51mm) pipe size aluminum tenon welded to a cast aluminum plate. Plate has four 1/2" (13mm) dia. mounting holes, and plate has two 1/2" (13mm) N.P.T. for conduit entry. Powder finish. Wall mount is single fixture only. Pad mount may use multiple mounting.

**FLOODLIGHTING BRACKETS FBO-5** For installations not requiring horizontal fixture adjustment. Horizontally mounted 2" (51mm) x 4-3/4" (120mm) pipe size tenon welded to a steel plate and secured by two bolts. **FBO-18** For installations requiring horizontal fixture adjustment. Vertically mounted 2" (51mm) x 17-1/2" (445mm) pipe size tenon welded to a steel plate and secured by two bolts.

**POLE PREPARATION** - Pole preparation "SF" or "DF" required when ordering FBO-5 or FBO-18 brackets. Note: FBO-5 and FBO-18 brackets can be ordered for round or square steel poles.

**TENON MOUNT BRACKET (PTB):** For installations requiring full horizontal fixture adjustment. Vertically mounted 2" (51mm) pipe size steel tenons welded to 2" (51mm) x 4" (102mm) steel arms, with removable end caps for wiring access. Arms are welded to a round slipfitter, compatible with stanchions or poles with 2" (51mm) pipe size tenons (2-3/8" O.D. x 4-3/4" min. length). Slipfitters are secured by 6 stainless steel set screws and one zinc plated through bolt.



**HOUSING** - One-piece cast aluminum in a multi-radiused rectangular shape with integral cooling ribs over the back. Internal concealed hinges permit full access to reflector area and housing interior. One-piece extruded silicone gasket between housing and door frame.

**DOOR FRAME** - One-piece cast aluminum door frame mates with housing to create multi-radiused shape. Door frame secures to housing by two internal (concealed) hinge brackets. 3/16" thick clear tempered glass lens seals to door frame by a one-piece silicone sponge gasket and stainless steel clips. Door frame secures to housing by four captive stainless steel recessed fasteners. Four holes provided for attachment of Glare Shield, Polycarbonate Shield, and Louver Shield.

**SOCKETS** - Porcelain mogul-base sockets. All sockets are pulse-rated.

**LIGHT SOURCES** - Pulse-Start Metal Halide, Pulse-Start Metal Halide Reduced Envelope, or High Pressure Sodium. Clear lamp is supplied as standard.

**BALLASTS/ELECTRICAL COMPONENTS**

- Factory mounted in housing and prewired with leads extending through gasketing and into swivel mounting arm. UL listed components with high-power factor ballasts rated for -20° F starting. Optional photocell internally mounted in swivel mounting arm wiring access cover.

**REFLECTORS/DISTRIBUTION PATTERNS**

- Doral Medium offers four reflector types: Horizontal Flood (HF), Medium Flood (MF), Vertical Flood (VF), and Spot Flood (SP). Reflectors are offered with highly reflective optical components. Photometric data is tested in accordance with IESNA guidelines.

**ADJUSTABLE SWIVEL MOUNTING ARM**

- Two-piece cast aluminum ratcheting swivel design with external splice compartment supplied with aluminum access cover. Access cover permits field wiring while fixture is in position on pole or bracket. Internal toothed ratcheting system provides positive locking in a range of 190° with adjustment in increments of 5°. Swivel mounting arm accepts standard 2-3/8" O.D. x 4-3/4" minimum or 2-7/8" O.D. x 4-3/4" minimum tenon and is secured by four recessed allen set screws (through bolt optional by others). Swivel adjustment is made by concealed hex head pivot bolt. Mounting arm is internally and externally sealed by gasketing.

**BRACKETS** - Stanchion Mounts, Pad/Wall Mounts, or PTBs may be ordered with Doral Medium fixtures.

**FINISHES** - Each fixture is finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling, and is guaranteed for five full years. Standard colors include bronze, black, platinum plus, white, satin verde green, metallic silver, and graphite.

**PHOTOMETRICS** - Please visit our web site at [www.lsi-industries.com](http://www.lsi-industries.com) for detailed photometric data.



**ARRA**  
Funding Compliant



wet location

**SHIPPING WEIGHTS - Doral Medium**

Catalog Number	Est. Weight (kg/lbs.)	Length (mm/in.)	Width (mm/in.)	Height (mm/in.)
DRM	27/59	546/21.5	337/13.25	603/23.75



Project Name \_\_\_\_\_ Fixture Type \_\_\_\_\_

Catalog # \_\_\_\_\_

10/22/15

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# DORAL® - MEDIUM

## LUMINAIRE ORDERING INFORMATION

## ARCHITECTURAL FLOOD



TYPICAL ORDER EXAMPLE: **DRM2 VF 400 HPS F MT BLK PCI120**

Luminaire Prefix	Distribution	Lamp Wattage	Light Source	Lens	Line Voltage	Luminaire Finish	Options
DRM2 – Doral Medium	HF – Horizontal Flood MF – Medium Flood VF – Vertical Flood SP – Spot	250 400	PSMU – Pulse-Start Metal Halide Universal 250 Watt PSMUR – Pulse-Start Metal Halide Reduced Envelope Universal 400 Watt HPS – High Pressure Sodium 250, 400 Watt	F – Flat Clear Tempered Glass	480 MT – Multi Tap TT – Tri-Tap	BRZ - Bronze BLK - Black PLP – Platinum Plus WHT - White SVG - Satin Verde Green GPT - Graphite MSV - Metallic Silver	PCI120 – Button-Type Photocell PCI208 – Button-Type Photocell <sup>1</sup> PCI240 – Button-Type Photocell <sup>1</sup> PCI277 – Button-Type Photocell <sup>1</sup> PCI347 – Button-Type Photocell SQT - Standby Quartz (Time Delay) <sup>2</sup> SQN - Standby Quartz (Non-Time Delay) <sup>2</sup> LL – Less Lamp
<p><b>MT – Multi Tap</b> consists of 120V, 208V, 240V and 277V and is prepared for highest voltage. Alternate voltages will require field adjustment.</p> <p><b>TT – Tri-Tap</b> consists of 120V, 277V and 347V and is shipped standard for Canadian applications and is prepared for highest voltage. Alternate voltages will require field adjustment.</p> <p>Consult Factory for International Voltages and Light Sources</p>							

### FOOTNOTES:

- 1- Photocells on 208V, 240V and 277V fixtures are wired for 277V operation. 208V or 240V photocells will require field re-wiring.  
2- SQN and SQT options available with HF or VF distribution only.

## BRACKET ORDERING INFORMATION

Bracket Designation	Bracket Type	Bracket Configuration	Length	Bracket Finish	Options	EPA Values*
BAK – Bracket Aluminum	DRM2 – Doral Medium	SMT – Stanchion Mount Tenon PWM – Pad/Wall Mount	23" 6"	BRZ – Bronze BLK – Black PLP – Platinum Plus BUF – Buff WHT – White GPT - Graphite SVG - Satin Verde Green MSV - Metallic Silver	None	
BKS – Bracket Steel	—	FBO – Flood Bolt-on  PTB-12 – Pole Top Bracket PTB-13 – Pole Top Bracket PTB-14 – Pole Top Bracket	5" 18" 48" 48" 72"			0.1 0.6 1.8 1.8 2.5

TYPICAL ORDER EXAMPLE: **BAK DRM2 SMT 23 BLK**


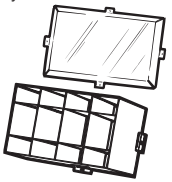

### Notes:

PTB brackets slipfit 2-3/8" OD tenon. FBO brackets are available on steel round and square poles. FBO brackets require pole preparation and must be ordered with "SF" or "DF" pole option.

\*The bracket EPA should be added to the fixture EPA when selecting the proper pole.

## ACCESSORY ORDERING INFORMATION

(Accessories are field installed)

Description	Order Number	Description	Order Number
BD – Barn Doors	90849CLR	FK120 - Single Fusing	FK120++
GS – Glare Shield	90850CLR	FK277 - Single Fusing	FK277++
PS – Polycarbonate Shield (Clear only)	90852	DFK208,240 - Double Fusing	DFK208,240++
LS – Louver Shield (Black only)	90853+	DFK480 - Double Fusing	DFK480++
		FK347 - Single Fusing	FK347++
+Available on Medium Flood and Spot distributions only.		++ Fusing to be installed in a compatible junction box (supplied by contractor), pole or stanchion mounting bracket.	
<p>BARN DOORS (BD)- Extruded aluminum doors with anti-reflection baffles. Each door hinged with a stainless steel clip – locks by a mounting screw. Doors are individually removable. Assembly mounts to die-cast door frame holes. <b>Caution:</b> Not recommended for ground-mounted fixtures in vandal-prone areas. Available in standard finishes.</p> 		<p>POLYCARBONATE SHIELD (PS) - 1/8" clear convex, U.V. stabilized, formed polycarbonate. Mounts to cast door frame holes. May be used with Glare Shield. <b>Caution:</b> Use only when vandalism is anticipated. Useful life is limited by U.V. discoloration from sunlight, HPS or MH lamps.</p> 	
<p>GLARE SHIELD (GS)- Formed 1/16" thick aluminum. Mounts to cast door frame holes and may be used with Polycarbonate Shield option.</p> 		<p>LOUVER SHIELD (LS) - Formed 1/16" thick aluminum with black finish. Mounts to cast door frame holes. Provides glare control. Available on Medium Flood and Spot distribution only.</p>	



Project Name \_\_\_\_\_ Fixture Type \_\_\_\_\_  
Catalog # \_\_\_\_\_

10/22/15

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