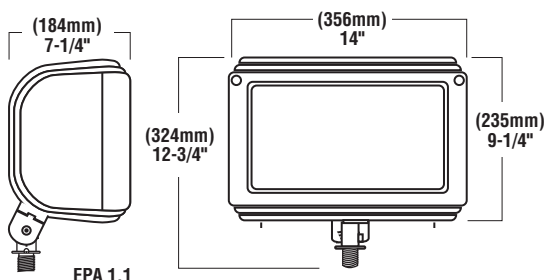


DORAL® - SMALL

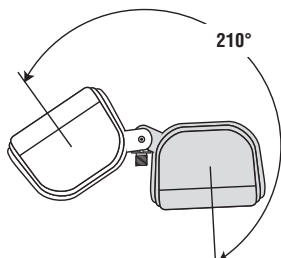
ARCHITECTURAL FLOOD



DIMENSIONS



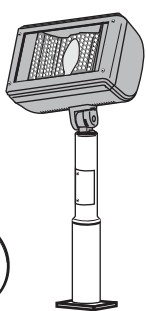
AIMING RANGE



MOUNTING BRACKETS

STANCHION MOUNT (SMC) - 3" OD x .250" x 22.65" cast aluminum with 3/4" NPSM fixture mount, and a standard 2 3/8" tenon. Wiring and internal ground lug accessible through hand hole. Available in standard finishes.

WALL MOUNT (WM) - Aluminum mounting plate adapts to standard 4" octagonal J-boxes (by others). Fixture threads to mounting plate. Available in standard finishes.



HOUSING - One-piece die-cast aluminum housing features a multi-radiused rectangular shape with integral cooling ribs over the back, and .125" minimum wall thickness. One-piece vulcanized silicone gasket seals the door frame to the housing and is concealed when fixture is closed.

DOOR FRAME - One-piece die-cast aluminum .125" minimum wall thickness, mates with housing to create a continuous multi-radiused shape. Door frame secures to housing by four stainless steel recessed captive torx T-30 screws. Door frame hinges with two internal (concealed) stainless steel hinge brackets. 3/16" thick clear tempered glass lens is sealed to door frame by a one-piece silicone gasket and ten black zinc plated clips. Eight holes provided for attachment of Barn Door, Glare Shield, and Polycarbonate Shield accessories.

SOCKETS - HID lampholders are glazed porcelain, medium base, 4KV pulse rated with spring center contact. Incandescent lampholders are DC bayonet base.

LIGHT SOURCES - Ceramic Metal Halide, Metal Halide, High Pressure Sodium, or Incandescent. Clear lamp is supplied as standard. Incandescent lamps are to be provided by others.

BALLASTS/ELECTRICAL COMPONENTS

- Electrical components are factory mounted in housing and pre-wired with leads extending through EPDM gasket and knuckle mount. UL listed components with high-power factor ballasts rated for -20°F starting. Optional photocell internally mounted in right hand side of fixture housing.

KNUCKLE MOUNT - Heavy duty, three-piece die-cast assembly with 3/4" NPSM male thread mount allows up to 210° range of motion. Locking plate and swivel arm allow for tilt/aiming in 7.5° increments. Alignment arrow and indicator lines allow positive, error-free aiming. A set screw with 3/32" allen-head locks fixture orientation on the mounting device.

REFLECTORS/DISTRIBUTION PATTERNS

- Six interchangeable reflector types are available. Horizontal, Medium, and Vertical Flood reflectors combine diffuse and specular hammertone optical components mounted to a black anodized aluminum chassis. The Horizontal Spot reflector is offered with specular hammertone aluminum optical components. The specular hydroformed aluminum Axial Spot reflector provides 15° or 25° narrow spot distribution. Both the Axial Spot and Horizontal Spot optics contain source shields to minimize glare and provide optimum beam control. Reflector assemblies mount into fixture housing with four 1/4 turn fasteners. Tool-less electrical quick connect wiring allows quick reflector changes and easy access to the ballast. Photometric data is tested in accordance with IESNA guidelines.

BRACKETS - Stanchion Mounts and Wall Mounts may be ordered with Doral Small 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, graphite, satin verde green, and metallic silver.

PHOTOMETRICS - Please visit our web site at www.lsi-industries.com for detailed photometric data.

ARRA
Funding Compliant

UL
LISTED
wet location

SHIPPING WEIGHTS - Doral Small

Catalog Number	Est. Weight (kg/lbs.)	Length (mm/in.)	Width (mm/in.)	Height (mm/in.)
DRS	10/22	368/14.5	305/12	191/7.5



Project Name _____ Fixture Type _____

Catalog # _____

10/22/15

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DORAL® - SMALL

ARCHITECTURAL FLOOD



LUMINAIRE ORDERING INFORMATION

TYPICAL ORDER EXAMPLE: **DRS VF 100 MH F MT BLK SQT**

Luminaire Prefix	Distribution	Lamp Wattage	Light Source	Lens	Line Voltage	Luminaire Finish	Options
DRS – Doral Small	HF - Horizontal Flood MF - Medium Horizontal Flood VF - Vertical Flood ⁷ HS - Horizontal Spot SP15 - 15° Axial Spot SP25 - 25° Axial Spot	50 70 100 150 250	CMH – Ceramic Metal Halide 150 Watt MH – Metal Halide ¹ 50 ² , 70, 100, 150 Watt HPS – High Pressure Sodium 50 ³ , 70, 100, 150 Watt INC – T4 DC Bayonet Base Tungsten Halogen ⁴ 250 Watt maximum	F – Flat Clear Tempered Glass	480 MT – Multi Tap TT – Tri-Tap 120	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 ⁵ PCI240 – Button-Type Photocell ⁵ PCI277 – Button-Type Photocell ⁵ PCI347 – Button-Type Photocell SQT - Standby Quartz (Time Delay) ⁶ SQN - Standby Quartz (Non-Time Delay) ⁶ LL – Less Lamp
<p>MT – Multi Tap consists of 120V, 208V, 240V and 277V and is prepared for highest voltage. Alternate voltages will require field adjustment.</p> <p>TT – Tri-Tap 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- Consult factory for ordering information and other wattages.

2- 50 Watt MH is not available in 480V.

3- 50 Watt HPS is not available in TT, 347V or 480V.

4- Incandescent lamps are to be provided by others. Can use up to 250 Watt Lamp.

5- Photocells on 208V, 240V and 277V fixtures are wired for 277V operation. 208V or 240V photocells will require field re-wiring.

6- SQN and SQT options available with HF, MF or VF distribution in 50 Watt HID minimum

7- VF reflector not available with 150HPS, 480V ballast.


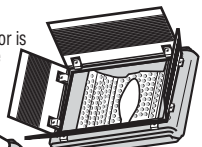
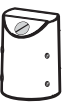
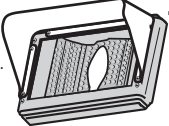


BRACKET ORDERING INFORMATION

Bracket Designation	Bracket Type	Bracket Configuration	Length	Bracket Finish	Options	Est. Weight (lbs.)
BAK – Bracket Aluminum	DRS – Doral	SMC – Stanchion Mount	23"	BRZ – Bronze BLK – Black PLP – Platinum Plus BUF – Buff WHT – White GPT – Graphite SVG – Satin Verde Green MSV – Metallic Silver	None	7
		WM – Wall Mount	4"			2

TYPICAL ORDER EXAMPLE: **BAK DRS SMC 23 BLK**

ACCESSORY ORDERING INFORMATION

(Accessories are field installed)

Description	Order Number	Description	Order Number
JB – Junction Box	122534CLR	FK120 - Single Fusing	FK120+
BD – Barn Doors	122539CLR	FK277 - Single Fusing	FK277+
GS – Glare Shield	122540CLR	DFK208,240 - Double Fusing	DFK208,240+
PS – Polycarbonate Shield	122541	DFK480 - Double Fusing	DFK480+
PT – Post Top Adaptor	122542CLR	FK347 - Single Fusing	FK347+
TA – Thread Adaptor 1/2" (No Finish)	122543	+ Fusing to be installed in a compatible junction box, supplied by contractor	
CFX – Color Filters	Consult Factory		
<p>ARCHITECTURAL JUNCTION BOX (JB) - Cast aluminum body and extruded matching cover. One-piece EPDM cover gasket. Internal ground screw provided. 3/4" NPSM fixture mount with sealing locknut. Two 1/2" NPSM for conduit entry. For above grade installation only. Available in standard finishes.</p> 		<p>BARN DOORS (BD) - Extruded aluminum doors with anti-reflection baffles. Each door is attached with two aluminum clamps with set screws to maintain position. Doors are individually removable. Assembly mounts to die-cast door frame holes. Caution: Not recommended for ground-mounted fixtures in vandal-prone areas. Available in standard finishes.</p> 	
<p>POST TOP ADAPTOR (PT) - One-piece cast aluminum – mounts on pole with 2" pipe tenon (2-3/8" OD x 3-1/2" minimum length) or 2-1/2" pipe tenon (2-7/8" OD x 3-1/2" minimum length). Fixture threads into adaptor and attaches to pole with allen set screws. Post Top Adaptor allows mounting of one or two fixtures and 360° horizontal adjustment. Available in standard finishes.</p> 		<p>GLARE SHIELD (GS) - Formed 16 ga. steel. Mounts to die-cast door frame holes and may be used with polycarbonate shield accessory. Available in standard finishes.</p> 	
<p>1/2" THREADED ADAPTOR (TA) - Machined aluminum pipe reducer adapts 3/4" pipe thread (T-stem) to 1/2" pipe thread provided by others.</p> 		<p>POLYCARBONATE SHIELD (PS) 1/8" clear convex, UV stabilized, thermoformed polycarbonate. Mounts to die-cast door frame holes. May be used with glare shield accessory. Caution: Use only when vandalism is anticipated. Useful life is limited by UV discoloration from sunlight, HPS, or MH lamps.</p> 	



Project Name _____ Fixture Type _____

Catalog # _____

10/22/15

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