

lsi
Lighting Solutions *plus*



THE CHALLENGER[®] WALL SCONCE SERIES

*Small and Medium
Available in HID and
Compact Fluorescent*



THE CHALLENGER® WALL SCONCE SERIES – AN INTEGRAL COMPONENT OF YOUR ARCHITECTURAL DESIGN

Indoor or outdoor. General illumination, focused accent spotlighting, or a simple extension of your architectural statement. The Challenger Wall Sconce Series combines versatility and performance with sleek, aerodynamic styling for the perfect complement to your architectural experience.

Featuring simplified access, a horizontal lamp orientation, a flat lens, and a choice of high-performance reflector options and light sources, the Challenger Wall Sconce is extremely efficient and easy to maintain.

In addition, the Challenger Wall Sconce comes fully assembled for quick and easy installation. With smooth lines, refined curves, a choice of two sizes, and six standard finish colors, the Challenger Wall Sconce blends smoothly into any design environment for enhanced architectural appeal.

Downlight mounting is available for indoor and outdoor applications.



Medium fixture (shown)

Uplight mounting is available for indoor or under canopy applications only.



Small fixture (shown)



HIGH-PERFORMANCE HORIZONTAL BURN

Where strict zoning requirements are encountered, the environmentally friendly Challenger Wall Sconce downlight offers full cut-off lighting distribution as defined by the IESNA (Illuminating Engineering Society)



MEETS IESNA FULL CUT-OFF CLASSIFICATION

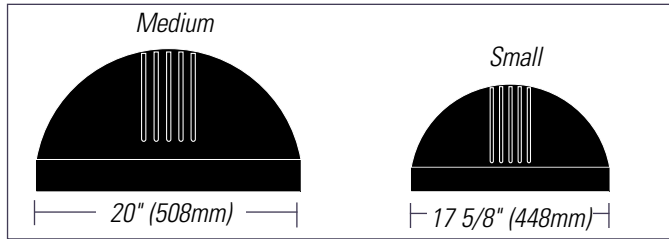
ARCHITECTURAL HOUSING

Formed aluminum housing is rectangular in shape, featuring sleek, smooth lines and refined curves for an aerodynamic look that enhances the architectural integrity of any site.



TWO SIZES

Small fixture is available from 50 to 150 Watts HID and 26 to 2/42 Watts Compact Fluorescent. Medium fixture is available from 250 to 400 Watts HID and 26 to 2/70 Watts Compact Fluorescent.



REMOVABLE DOOR FRAME WITH FLAT LENS

Aluminum door frame is sealed to housing with a one-piece, extruded silicone gasket, and is removable for easy access. Clear, flat, tempered glass lens is sealed to the door frame with EPDM gasketing to prevent entry of insects, dust and moisture.



Loosen two captive, stainless steel fasteners, and door frame swings open.



Squeeze wire-formed retainer to remove door frame.

SILICONE GASKET

One-piece, extruded silicone gasket seals the door frame against the housing.



LUMINAIRE FINISHES

Each Challenger Wall Sconce fixture is finished with DuraGrip®, LSI's baked-on, polyester-powder coat finishing process. LSI's DuraGrip finish withstands weather changes without cracking or peeling, and is guaranteed for 5 full years.



METALLIC SILVER



BLACK



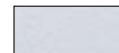
BRONZE



GRAPHITE



WHITE



PLATINUM PLUS



SATIN VERDE GREEN

THE NEW BENCHMARK IN WALL SCONCE PERFORMANCE & STYLE

FULLY ASSEMBLED FOR QUICK AND EASY INSTALLATION

The Challenger Wall Sconce comes fully assembled (pre-wired and HID pre-lamped) from the factory. The specially designed mounting plate provides for easy installation in just three quick steps.



1. Attach wall-mounting plate to the junction box.



2. Make the wiring connections, and attach the fixture to the wall-mounting plate by hanging it over the beveled lip of the wall-mounting plate.



3. Lock fixture into place by tightening two hex head screws.



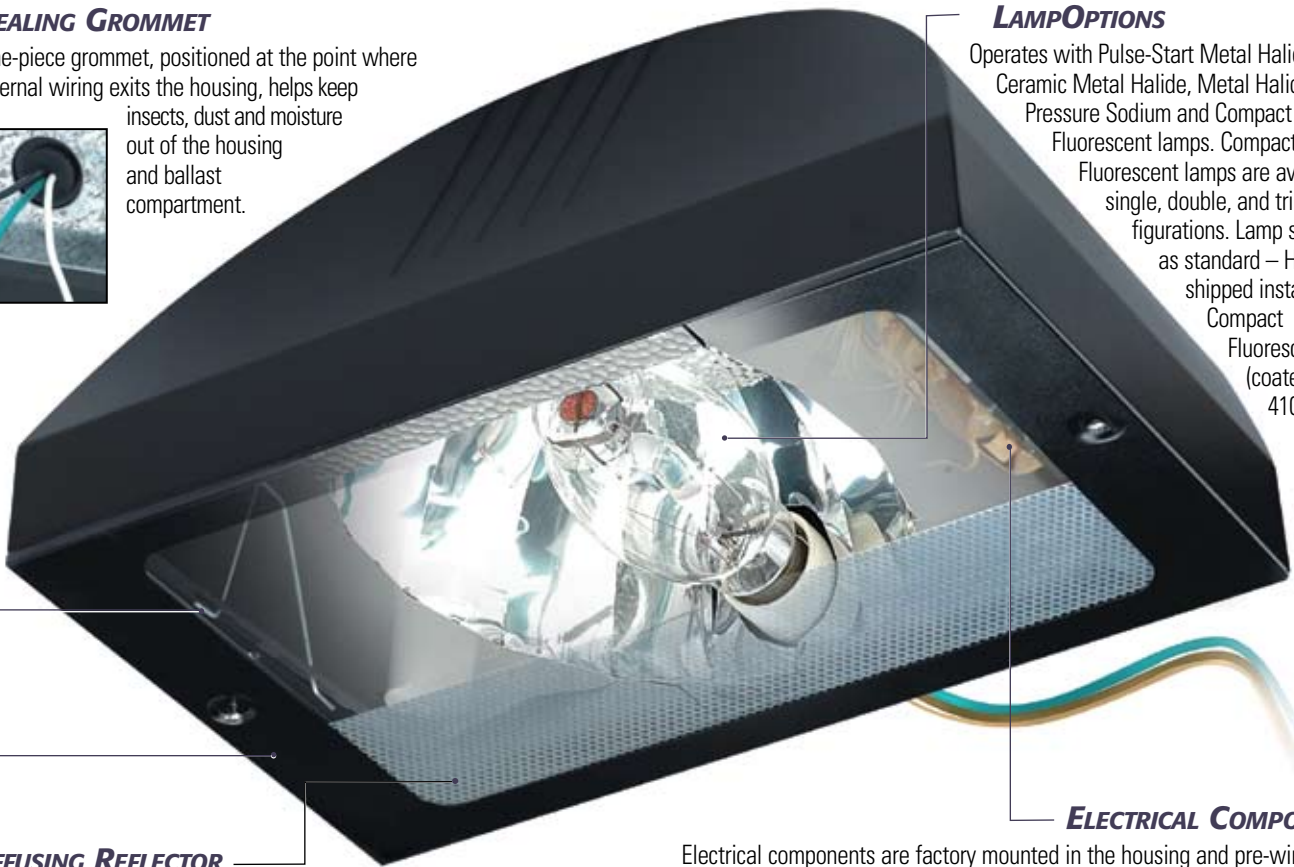
SEALING GROMMET

One-piece grommet, positioned at the point where internal wiring exits the housing, helps keep insects, dust and moisture out of the housing and ballast compartment.



LAMP OPTIONS

Operates with Pulse-Start Metal Halide, Ceramic Metal Halide, Metal Halide, High Pressure Sodium and Compact Fluorescent lamps. Compact Fluorescent lamps are available in single, double, and triple configurations. Lamp supplied as standard – HID (clear, shipped installed) or Compact Fluorescent (coated, 4100K).



ELECTRICAL COMPONENTS

Electrical components are factory mounted in the housing and pre-wired with leads extending out the back of the unit. This eliminates the need to open the fixture when making wiring connections, ensuring quick and easy installation. Components are UL Listed.

DIFFUSING REFLECTOR

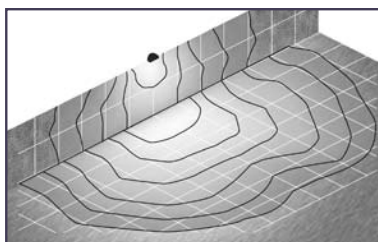
The Medium Challenger Wall Sconce has a unique diffusing reflector designed to eliminate hot spots on the wall directly above or below the fixture.

REFLECTOR OPTIONS - Reflector models are protected by U.S. Patents # 6,464,378.

Forward Throw (FTM & FT) and Type III reflector systems are available with both small and medium fixtures. Both offer high-performance, full cut-off distribution as defined by the IESNA. For detailed photometric data, please visit our website at www.lsi-industries.com



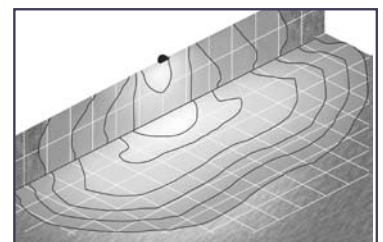
Typical Type FT photometric pattern.



CHWM FT



Typical Type III photometric pattern.



CHWM 3

Challenger site lighting fixtures have long been known as one of the industry's best values in architectural lighting, coupling a smooth, contoured appearance with high performance for maximum architectural effect.

Challenger Wall Sconces can be combined with Challenger site lighting fixtures for added architectural appeal and a sense of continuity throughout your site.

Working together, Challenger Wall Sconces and Challenger site lighting fixtures serve as the perfect complement to each other, while enhancing your overall architectural experience both inside and out.



The Challenger Wall Sconce



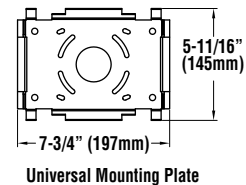
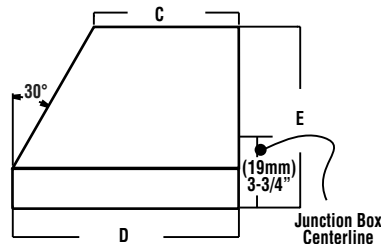
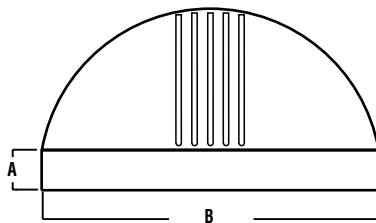
The Challenger II Medium – Featuring a formed aluminum housing, available with Vertical or Horizontal Burn optical systems. Up to 400 Watt HID.



The Challenger Large – Featuring a die-cast aluminum housing, available with Vertical or Horizontal Burn optical systems. Up to 1000 Watt MH.



DIMENSIONS



	A	B	C	D	E
Small	(48mm) 1-7/8"	(448mm) 17-5/8"	(144mm) 5-21/32"	(244mm) 9-5/8"	(222mm) 8-3/4"
Medium	(60mm) 2-3/8"	(508mm) 20"	(219mm) 8-5/8"	(341mm) 13-7/16"	(273mm) 10-3/4"

SHIPPING WEIGHTS - Challenger Wall Sconce				
Catalog Number	Est. Weight (kg/lbs.)	Length (mm/in.)	Width (mm/in.)	Height (mm/in.)
CHWS-HID	10 / 22	616 / 24.25	394 / 15.5	343 / 13.5
CHWM-HID	15 / 32	616 / 24.25	394 / 15.5	419 / 16.5
CHWS-CFL	8 / 17	616 / 24.25	394 / 15.5	343 / 13.5
CHWM-CFL	11 / 24	616 / 24.25	394 / 15.5	419 / 16.5



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Listed for wet locations. (Downlight only)
 Listed for damp locations. (Uplight only)



ARRA
 Funding Compliant