

# Hilton® Wall Sconce

*Appealing by Day.*

*Impressive Performance by Night.*



**lsi**  
Lighting Solutions *plus*

# Hilton® Wall Sconce Leading-Edge Versatility, Performance and Value.

Through a combination of high-performance optics, versatile configurations and beautifully contoured half-cylinder shape, the LSI Hilton Wall Sconce presents itself on a level of architectural refinement unlike any other wall sconce luminaire.

Consider these features:

- Uplight/downlight
- Downlight
- Uplight
- Integral emergency battery back-up option
- Compact Fluorescent Dimming option
- HID (50 to 250 watt) and CFL (single 26 to 70 watt or double 26 to 42 watt) light sources
- Wall Wash, Type III, Forward Throw and Forward Throw Medium distributions

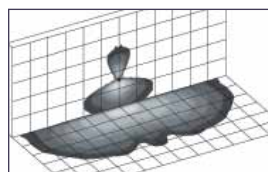
Regardless of the configuration you choose, the Hilton Wall Sconce enables you to intelligently illuminate your interior and exterior architectural spaces for enhanced aesthetics and safety. Designed to complement Hilton area lighting luminaires, the new Hilton Wall Sconce provides an integral lighting tool in the transition area from parking lot to building entrance way.



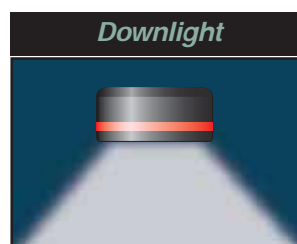
The Hilton Wall Sconce is an effective tool for illuminating transition zones between interior and exterior lighting system, and providing means of egress lighting for emergency situations.



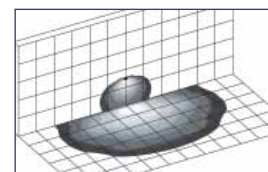
Available with premium Type III and Forward Throw optics, and is offered with a 10%, narrow or wide uplight feature. High-performance optics provide uniform illumination on horizontal surfaces below the fixture, while gently grazing vertical surfaces above the fixture.



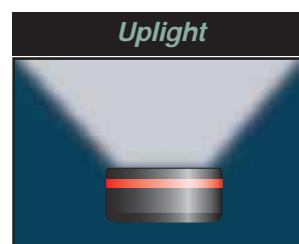
HIWS-310-175-MH-F  
175 Watt Type III Uplight/Downlight



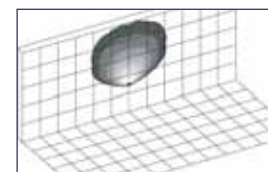
Available with Community Friendly, IESNA Full Cutoff, Forward Throw and Type III distributions or Wall Wash optics that enhance vertical architectural elements below the fixture.



HIWSD-FT-175-MH-F  
175 Watt Forward Throw Downlight



Standard high-performance Wall Wash optics allow you to artistically illuminate vertical architectural elements above the fixture without the annoying hot spots produced by lesser products.



HIWSU-WW-175-MH-F  
175 Watt Wall Wash Uplight



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

**Emergency Operation**-The Hilton Wall Sconce includes a number of emergency options to meet NFPA Life Safety Code® requirements with respect to illumination for the "Means of Egress" from your building.



LSI – a smart energy solution

# Lighting Excellence



## ILLUMINATION WITH PURPOSE

Intelligent lighting requires an orchestrated blend of lighting performance, aesthetic design, ambiance and practical application. At LSI, our products are designed specifically with these concepts in mind.

### Performance-

provide for high visibility and proper illumination of surrounding structures, occupants and pathways while using energy efficiently.

### Transition Zone Lighting-

provide for the smooth, seamless adaptation of occupants' eyes as they transition through various zones from the parking lot to the building entrance.

### Architectural Aesthetics-

complement and enhance the beauty of the architectural structures and surrounding landscape, day or night.

### Security and Safety-

provide illumination levels that give occupants improved safety and a sense of security while meeting Emergency Means of Egress standards per NFPA Life Safety Code\* requirements.

## ACCESS AND EGRESS

The pleasing architectural appearance of Hilton® Wall Sconces creates a striking day-time image and exceptional lighting performance at night. These expertly designed luminaires produce appropriate levels of illumination that guide visitors and employees from their vehicles to entrance ways and back again, while providing a safe and secure atmosphere that makes them feel welcome and comfortable. Beyond these benefits, in critical situations, optional Emergency Illumination features will help occupants move away from the structure to a safe location in the event of an evacuation.

## LUMINAIRE FINISHES

Hilton Wall Sconces are 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.



## COLOR DECALS



\*Life Safety Code® is a registered trademark of the NFPA, Quincy, MA.

# Transitional Lighting - From The Building Entrance To The Parking Lot



## PARKING AREAS

Hilton Wall Sconces with Forward Throw optics can punch light into parking areas and potentially eliminate the need for a row of pole-mounted luminaires in the parking lot nearest the building. The result: lower equipment and installation costs. Forward Throw optics also push light into working areas, such as loading docks and secondary entrances around the building to improve productivity and enhance security without causing light trespass.

## TRANSITIONAL ZONES

Illumination from Hilton Wall Sconces in transitional areas will help eyes adapt from low exterior levels to high interior levels and back again. Forward Throw optics can push light down pedestrian paths. Type III optics push light along paths parallel to the building, between the building and remote parking areas to provide a safe and secure corridor, all the while enhancing the image of your site. Hilton Wall Sconces, when used in combination with LSI bollards and area lights constitute a well-conceived lighting design to meet all your site lighting tasks.

### THE LSI FAMILY OF HILTON FIXTURES EFFECTIVELY FILL IN THE LIGHT

Design continuity throughout the site contributes to its overall impression on visitors. By utilizing the Hilton family of fixtures, you improve the aesthetic image of your site while achieving the quality of light you require.



*Hilton Wall Sconce  
Uplight mounting position*



*Hilton Flat Lens  
Post-Mount*



*Hilton Contoured Lens  
Pole-Mount*

# LSI's HILTON WALL SCONCE KEY FEATURES

**Housing** – One-piece die formed aluminum half-cylinder. All mounting hardware is stainless steel or electro-zinc plated steel.

**Wall Mount** – A galvanized steel wall mounting plate easily mounts directly to a 4" octagonal or square junction box. An EPDM gasket is supplied for installation between the mounting plate and junction box, sealing it from water entry.

**Door Frame** – The aluminum pan style door frame mounts to the housing using two stainless steel, recessed and captive fasteners for easy access. A one-piece extruded silicone gasket seals the door frame against the housing.

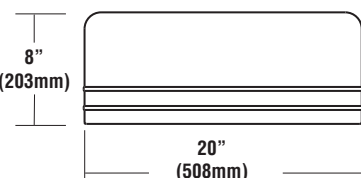
**Lens/gasket** – A flat clear tempered glass downlight lens is sealed to the door with a one-piece EPDM gasket. The diffused tempered glass uplight lens is secured with multiple lens clips and a one-piece extruded silicone gasket.

**Sockets** – HID lamp holders are glazed porcelain, medium base for wattages up to 175 watts and mogul base for 250 watts; both are 4KV pulse rated. CFL fixtures feature one-piece thermo-plastic socket.

**Light Sources** – The fixture is designed to operate with Pulse-Start Metal Halide, Super Metal Halide, Metal Halide, High Pressure Sodium and single or double Compact Fluorescent lamps.

**Ballasts/Electrical Components** – Electric components are factory mounted in housing and pre-wired with voltage specific leads, which extend from the back of the unit through a rubber grommet.

**Reflectors/Distribution Patterns** – Multiple reflector systems are available to deliver narrow, wide or wall wash patterns.



Listed for wet location.

Downlight used in Uplight position is listed for damp locations (covered location only).

## EMERGENCY OPERATION

Available with one or two 12-volt separate circuits for use with up to 35 watt halogen lamps on both compact fluorescent and HID units.

## LUMINAIRE ORDERING INFORMATION

Luminaire Prefix	Distribution	Lamp Wattage	Light Source	Lens	Line Voltage <sup>5</sup>	Luminaire Finish	Options			
HIWS <sup>1</sup> (Downlight)	3 - Type 3 Wide	50	PSMH - Pulse-Start Metal Halide 250 Watt	F - Flat Clear Tempered Glass	120	BRZ - Bronze	PCI120 - Button-Type Photocell			
	FT - Forward Throw	70	SMH - Super Metal Halide 250 Watt					208	BLK - Black	PCI208 - Button-Type Photocell
	WW - Wall Wash	100	MH - Metal Halide					240	WHT - White	PCI240 - Button-Type Photocell
		150	50, 70, 100 <sup>3</sup> , 150, 175, 250 Watt	277	PLP - Platinum Plus	PCI277 - Button-Type Photocell				
		175	HPS - High Pressure Sodium	347	BUF - Buff	PCI347 - Button-Type Photocell				
		250 <sup>2</sup>	50, 70, 100, 150 Watt	480	GRN - Green	TP - Tamper Proof <sup>7</sup>				
	FTM - Forward Throw Medium	26	CFL - Compact Fluorescent	F - Flat Clear Tempered Glass	UE - Universal Electronic (120v-277v 50/60Hz)	GPT - Graphite	PMA - Pole Mount Adaptor for use with square poles			
		32	Single 26, 32, 42, 57, 70 Watt	FPC - Flat Clear Polycarbonate				347 (60Hz) <sup>6</sup>	MSV - Metallic Silver	PMAR - Pole Mount Adaptor for use with round poles
		42	CFL2 - Compact Fluorescent							
		57	Double 26, 32, 42 Watt							
	WW - Wall Wash	70	CFL - Compact Fluorescent				DIM - CFL Control Voltage Dimming Ballast <sup>8</sup>			
			Single 26, 32, 42 Watt				C - Coated MH or PSMH Lamp			
HIWSU (Uplight) Wet Location Listed	WW - Wall Wash	50	MH - Metal Halide	F - Flat Diffused Tempered Glass	120		SQT - Standby Quartz (Time Delay) <sup>9,10</sup>			
		70	50, 70, 100 <sup>3</sup> , 150, 175, Watt					208	SQN - Standby Quartz (Non-Time Delay) <sup>9,10</sup>	
		100	HPS - High Pressure Sodium							240
150	50, 70, 100, 150 Watt	277	BB - CFL Battery Back-up <sup>11</sup>							
175				347	EM1 - One Emergency 12V Circuit Provision with 35 Watt Halogen Lamp <sup>12</sup>					
	26					CFL - Compact Fluorescent	UE - Universal Electronic (120v-277v 50/60Hz)	EM1LL - One Emergency 12V Circuit Provision - Less Halogen Lamp <sup>12</sup>		
	32	Single 26, 32, 42 Watt								
	42									
HIWS (Uplight and Downlight Combo.)	310 - Type 3, 10% Up	50	PSMH - Pulse-Start Metal Halide 250 Watt	F - Flat Clear Tempered Glass	120		EM2 - Two Emergency 12V Circuit Provisions with (2) 35 Watt Halogen Lamps <sup>12</sup>			
	FT10 - Type FT, 10% Up	70	SMH - Super Metal Halide 250 Watt					208	EM2LL - Two Emergency 12V Circuit Provisions with Less Halogen Lamps <sup>12</sup>	
	3N - Type 3, Narrow Up	100	MH - Metal Halide							240
3W - Type 3, Wide Up	150	50, 70, 100 <sup>3</sup> , 150, 175, 250 Watt	277							
FTN - Forward Throw, Narrow Up	175	HPS - High Pressure Sodium		347						
FTW - Forward Throw, Wide Up	250 <sup>2</sup>	50, 70, 100, 150 Watt			480					
FTM10 - Forward Throw Medium, 10% Up	26	CFL - Compact Fluorescent	UE - Universal Electronic (120v-277v 50/60Hz)			347 (60Hz) <sup>6</sup>	LL - Less Lamp			
	32	Single 26, 32, 42, 57, 70 Watt								
	42	CFL2 - Compact Fluorescent								
		57	Double 26, 32, 42 Watt				Color Decals			
		70					45 - Light Gold Metallic	55 - Black		
							20 - Charcoal Metallic	50 - White		
							94 - Blue Metallic	51 - Dark Red		
							59 - Dark Green	700 - Aztec		
							21 - Tomato Red	Silver Metallic		

HIWS 310 175 MH F 120 BRZ 45 EXAMPLE OF A TYPICAL ORDER

## FOOTNOTES:

- Listed for wet locations (Downlight Only) Listed for damp locations if used for uplight (in covered locations only).
- 250 watt available with Forward Throw or Forward Throw Combo distribution only.
- Supplied with an HX-HPF transformer as standard. Also available with a 120/277 volt CWA transformer. Consult factory.
- FPC lens available on Downlight feature only.
- For international voltages, consult factory.
- 347 volt CFL is not available with dimming ballast (DIM) option. Consult factory for battery back-up (BB) option.
- Tamper-proof Screwdriver must be ordered separately.
- CFL Dimming Control by others.
- SQT or SQN available on 100 Watt minimum HID fixtures.
- Fixtures shipped with 100 Watt, 120 volt quartz lamp.
- Battery Back-up available on single and double voltage specific units. On double units, one lamp will be energized by battery back-up (BB) option. Consult factory for specific Means of Egress job application compliance.
- Utilizes GY6.35 socket(s). 12 volt separate circuit(s) required.

THE **POWER** OF **IMAGE**



8200



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