

# LITHONIA OUTDOOR ARCHITECTURAL SCENCE

## WSQ

### QUARTER SPHERE

As the latest addition to Lithonia Lighting's Architectural Sconce Series, the Quarter Sphere shape offers added versatility to the popular product line. This decorative sconce brings another modern element to this series where function meets design.

Precisely engineered to accommodate low wattage HID lamps up to 175-watt metal halide, 150-watt high pressure sodium, as well as compact fluorescent sources, the Quarter Sphere Sconce demonstrates why Lithonia Lighting is the Best Value in Lighting®!

Designed with versatility and performance in mind, the new shape enables precise light placement with the added flexibility of lens-up or lens-down orientation. Including the familiar characteristics of textured finishes and decorative reveals found in the Architectural Sconce Series, the Quarter Sphere meets the rigorous standards for IES full cutoff and offers optional emergency capabilities.

#### AESTHETICS:

- **Classic Quarter Sphere Shape** – complements a variety of building architectures
- **Accent Reveals** - provide an opportunity for customization using striping
- **Standard Textured, Dark Bronze Polyester Powder Finish** – other architectural color choices are available

#### PERFORMANCE:

- **Premium Optical Performance** – segmented reflectors provide uniformity and control
- **Multiple Distributions** – three downlight distributions available including forward throw (FT), wide throw (WT) and medium throw (MD)
- **Nighttime Friendly™ Optics** – provide full cutoff lighting when the fixture is mounted in the lens-down orientation
- **Emergency Lighting Options** – offer choice of integral emergency battery pack (ELDW), emergency circuit 120-volt (EC) or emergency circuit 12-volt (DC12); DC12 option is also available as a (2) lamp configuration

#### CONSTRUCTION:

- **Premium Construction** – die-cast aluminum housing and door frame
- **Wattage Versatility** – one housing size accommodates HID wattages up to 175-watt metal halide, as well as two 42-watt TRT compact fluorescent lamps
- **Easy to Install** – mounting bracket design allows for easy, one-person installation



### INTENDED USE:

Office buildings, schools, retail applications

### FEATURES:

Single piece, die-cast aluminum housing with decorative reveals. Die-cast aluminum door frame has 1/8" thick impact resistant, tempered glass lens. Door frame is fully gasketed with one-piece silicone gasket. Standard finish is textured dark bronze (DBBT) corrosion-resistant polyester powder with other architectural colors available.

### OPTICS:

Field interchangeable, segmented reflectors are designed for superior uniformity and control. Three full cutoff distributions available: FT (forward throw), MD (medium throw) and WT (wide throw). Compact fluorescent is available with the MD (medium throw) only.

### ELECTRICAL SYSTEM:

HID: 50W MH-150W utilizes a high reactance, high power factor ballast. 35W and 50W high pressure sodium utilize a reactance normal power factor ballast. 175W utilizes a constant wattage autotransformer ballast. Socket is porcelain, medium base with copper alloy, nickel-plated screw shell and center contact. CFL: Compact fluorescent utilizes electronic ballasts. Socket is high-temperature thermoplastic with integral lamp retention clip. All utilize Quick-Disconnect® plugs to easily disconnect the reflector from the ballast. HID ballasts are copper-wound and all ballasts are 100% factory tested.

### INSTALLATION:

Universal mounting mechanism with integral mounting support allows fixture to hinge down so wiring connections can be made without having to support the fixture. Bubble level provides correct alignment with each installation.

### CERTIFICATIONS:

UL listed for wet location in lens-down orientation. WLU option offers wet location listing in lens-up orientation (see Options). Listed and labeled to comply with Canadian safety standards (see Options). IP65 rated.

### Ordering Information

### Example: WSQ 175M FT 120 SF LPI

Series	Wattage	Distribution	Voltage	Options/accessories
<b>WSQ</b>	<u>High pressure sodium</u>	<u>Downlight distributions</u>	<b>120</b>	<b>Installed</b>
Quarter sphere	35S <sup>1</sup>	<b>FT</b> Forward throw	<b>208<sup>3</sup></b>	<b>SF</b> Single fuse, 120V, 277V, 347V (n/a TB or TBV)
	50S	<b>MD</b> Medium throw (coated lamp standard)	<b>240<sup>3</sup></b>	<b>DF</b> Double fuse, 208V, 240V (n/a TB or TBV)
	70S	<b>WT</b> Wide throw	<b>277</b>	<b>GMF</b> Internal slow-blow fusing <sup>7,8</sup>
	100S		<b>347</b>	<b>EC</b> Emergency circuit (25W max., lamp included) <sup>9</sup>
	150S		<b>TB<sup>4</sup></b>	<b>DC12</b> Emergency circuit 12 volt (35W lamp included standard) <sup>10</sup>
	<u>Metal halide</u>		<b>TBV<sup>5</sup></b>	<b>2DC12</b> Emergency circuit 12 volt (2) 35W lamps included standard <sup>10</sup>
	50M		<b>MVOLT<sup>6</sup></b>	<b>DC2012</b> Emergency circuit 12 volt (20W lamp included standard) <sup>10</sup>
	70M			<b>2DC2012</b> Emergency circuit 12 volt (2) 20W lamps included standard <sup>10</sup>
	100M			<b>ELDW</b> Emergency battery pack (120V or 277V only) <sup>7,11</sup>
	150M			<b>ELDWR</b> Remote battery pack ready (by others) for compact fluorescent lamps <sup>12</sup>
	175M			<b>QRS</b> Quartz restrrike system (100W max., lamp not included) <sup>13</sup>
	<u>Compact fluorescent<sup>2</sup></u>			<b>CR</b> Enhanced corrosion resistance
	26DTT			<b>CR</b> Enhanced corrosion resistance
	2/26DTT			
	26TRT			
	2/26TRT			
	32TRT			
	2/32TRT			
	42TRT			
	2/42TRT			
				<b>CRT</b> Non-stick protective coating <sup>14</sup>
				<b>PE</b> Photoelectric cell-button type (n/a TB, TBV or MVOLT) <sup>15</sup>
				<b>WLU</b> Wet location door for up orientation
				<b>IBS</b> Internal backlight shield <sup>16</sup>
				<b>DFL</b> Diffusing lens
				<b>LPI</b> Lamp included
				<b>L/LP</b> Less lamp
				<b>CSA</b> Listed and labeled to comply with Canadian Standards
				<u>Architectural colors<sup>17</sup></u>
				<u>Standard textured colors</u>
				<b>DBBT</b> Dark bronze (std.)
				<b>DSST</b> Sandstone
				<b>DNAT</b> Natural aluminum
				<b>DWHG</b> White
				<b>DBLB</b> Black
				<u>Shipped separately</u>
				<b>WSBBW</b> Surface-mounted back box <sup>18</sup>
				<b>UTS</b> Uptilt 5 degrees <sup>18</sup>
				<b>WSRWG</b> Wire guard (WSQ) <sup>15</sup>
				<b>WSRVG</b> Vandal guard (WSQ) <sup>15</sup>

#### NOTES:

- 120V Only, NPF Only.
- Only available with MD distribution.
- Not available in Canada.
- Optional multi-tap ballast (120V, 208V, 240V, 277V). In Canada 120V, 277V, 347V; ships as 120V/347V.
- Optional 5-tap ballast (120V, 208V, 240V, 277V, 480V; n/a in Canada). 175M only.
- Optional multi-volt electronic ballast (for compact fluorescent lamps only) capable of operating on any line voltage from 120V-277V.
- Available for compact fluorescent units only.
- Must specify voltage, n/a MVOLT or TB.
- Not available with QRS.
- Not available with SF, DF or QRS.
- Not available with 2/32TRT or 2/42TRT.
- Battery pack by others and mounted external to luminaire. Pilot light/test switch mounting plate included. Consult factory for availability.
- Not available with compact fluorescent.
- Black finish only.
- Must be ordered with fixture; no field modifications.
- IBS not available with MD distribution.
- Additional architectural colors available; see www.lithonia.com.
- Must specify finish.