

LSCS1

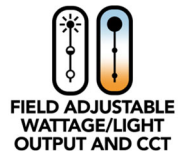
Applications

The low profile HARRIS LSCS1 delivers energy savings and reduced maintenance costs when replacing up to 400W HID fixtures. Ideal for parking structures, banks, or restaurants, storage areas, shopping area walkways and other low level security areas.

| | |
|-----------------|--|
| Project Name: | |
| Catalog Number: | |
| Type: | |
| Note: | |
| Date: | |



LSCS1A1UNHFD7CSBR-SP



Construction & Design

- Two fixture sizes with selectable lumen outputs between 4,000-12,000 lumen, providing flexibility to adjust in the field
- 70 CRI minimum; CCT selectable between 3000K, 4000K or 5000K
- Die-cast aluminum housing with UV stabilized powder coat finish for harsh outdoor environments.
- Heat and impact resistant clear polycarbonate lens
- Latest generation of LED technology enables fixture to run at lower wattages resulting in additional energy savings
- Quick mount system is included which allows for simple, single person installation
- Convenient knock out for continuous electrical run

Additional Options

- Bronze fixture housing color is standard. Black and white fixture housing colors available

Electrical

- Available in 120v-347v
- 10 kV/5 kA surge protection standard
- 0-10v Continuous Dimming
- Power Factor >0.9*
- Total Harmonic Distortion < 20%*

*Note: Varies based on option

Control and Sensor Options

- Control and sensor options are available to be installed in the field
- Remote Programming Sensors
- Photocell Dawn to Dusk option

Lumen Maintenance

See Lumen Maintenance table on page 2

Fixture Certification & Listings

- UL/cUL Listed
- UL Wet Listed
- RoHS Compliant
- DesignLights Consortium® Premium qualified luminaire
- Visit the [DLC® QPL](#) for listed models

Warranty

See Orion's [Product Limited Warranty](#) for more details and information

Performance Information, 277v, >70 CRI¹

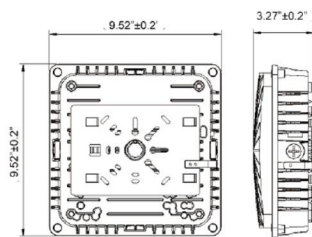
| Nominal Lumen Code | Wattage | 3000K | | 4000K | | 5000K | | Input Current |
|--------------------|---------|---------------|-----|---------------|-----|---------------|-----|---------------|
| | | Actual Lumens | LPW | Actual Lumens | LPW | Actual Lumens | LPW | |
| A1 | 28W | 3,920lm | 140 | 4,200lm | 150 | 4,060lm | 145 | 0.23A |
| | 40W | 5,200lm | 130 | 5,800lm | 145 | 5,600lm | 140 | 0.33A |
| | 60W | 7,500lm | 125 | 8,400lm | 140 | 8,100lm | 135 | 0.50A |
| B1 | 70W | 9,100lm | 130 | 9,800lm | 140 | 9,450lm | 135 | 0.58A |
| | 80W | 10,000lm | 125 | 11,200lm | 140 | 10,800lm | 135 | 0.67A |
| | 90W | 11,250lm | 125 | 12,150lm | 135 | 11,700lm | 130 | 0.75A |

Lumen Maintenance²

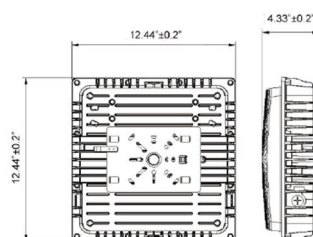
| Nominal Lumen Code | Nominal Lumens | Operating Temperature | Calculated Lumen Maintenance | | |
|--------------------|---------------------|-----------------------|------------------------------|--------|--------|
| | | | L70 | L80 | L90 |
| A1 | 4,000/6,000/8,000 | 25°C | 130,000 | 82,000 | 40,000 |
| | | 40°C | 130,000 | 82,000 | 40,000 |
| B1 | 9,000/11,000/12,000 | 25°C | 130,000 | 82,000 | 40,000 |
| | | 40°C | 130,000 | 82,000 | 40,000 |

Physical Information

| Nominal Lumen Code | Length | Width | Depth | Weight ³ |
|--------------------|--------|--------|-------|---------------------|
| A1 | 9.52" | 9.52" | 3.27" | 5.7lbs. |
| B1 | 12.44" | 12.44" | 4.33" | 6.6lbs. |



A1 Dimensions



B1 Dimensions

Ambient Operating Temperatures

| Nominal Lumen Code | Standard Range |
|--------------------|--------------------------------|
| All Lumen Packages | -40°C to 40°C [-40°F to 104°F] |

| Sensor Type | Operating Range |
|-------------|--------------------------------|
| EXT-LSCS-MS | -35°C to 40°C [-31°F to 104°F] |
| EXT-LSCS-PC | -40°C to 40°C [-40°F to 104°F] |

Additional Specification Information

¹ Actual performance may vary by up to ±10% of values listed; facility factors and fixture options can affect performance values

² Calculated hours based on TM-21 projections and components used at the time of testing. Warranty is not associated with Calculated Lumen Maintenance

³ Weight will vary based on option selection

Ordering Information Example (NOTE: No dashes or spaces unless noted below)
LSCS1A1UNHFD7CSBR-SP

Ordering Information (Enter Selected Catalog Number Below)

| Series | Nominal Lumen Code ⁴ | Voltage | Driver Type | CRI; Color Temp | Fixture Colors | Packaging Options |
|---|--|--------------------------|---|---|--|----------------------------|
| LSCS1= HARRIS LED Lumen Select Canopy Square, Gen 1 | A1= Selectable 4,000/ 6,000/ 8,000 lm B1= Selectable 9,000/ 11,000/ 12,000 lm | UNH= 120v-347v | FD= 0-10v Dimming Capable [Dims to 10%] | 7CS= 70CRI Selectable; 3000K/4000K/ 5000K | BR= Bronze BL= Black* WH= White* *Note: Black and White fixture color options have a longer lead time | -SP= Single Pack |

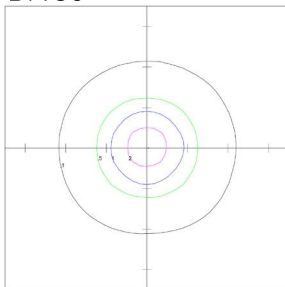
Accessories (Field Installed)

| Additional Fixture Accessories | |
|-------------------------------------|--|
| EXT-LSCS-MS | Microwave Sensor |
| EXT-LSCS-PC | Photocell |
| MH10-MRC | Handheld wireless sensor configuration, microwave sensor |
| LSCS-TRIM-001-BR⁵ | LSCS Trim Plate Kit: 12" Square, Includes LSCS Mounting Hole, Bronze |
| LSCS-TRIM-002-BR⁵ | LSCS Trim Plate Kit: 16" Square, Includes LSCS Mounting Hole, Bronze |
| LSCS-TRIM-003-BR⁵ | LSCS Trim Plate Kit: 20" Square, Includes LSCS Mounting Hole, Bronze |

Photometrics

Visit orionlighting.com to obtain all .IES files

B1 750



Distance are in units of Mounting Height
 Total Lamp Lumens = 12697
 Mounting Height = 30.00 Ft
 Maximum Calculated Value = 2.78 FC

Additional Specification Information

⁴ For actual lumens, see performance table

⁵ Available in Black (**BL**), White (**WH**), and Gray (**GR**). Replace (**BR**) at the end of the kit part number with the above part numbers to change the color