# INTEGRAL BALLASTED LUMINAIRE

**HUBBELL**
Outdoor Lighting

| CAT.# | APPROVALS |
|---|---|
| JOB | TYPE |

## SPECIFICATIONS

### Applications -
- Designed to efficiently light recreational, collegiate and professional events. Arena, sign, facade, area, accent, parking lot, and general security lighting are additional application for the Sportsliter Solution Series flood light.

### Construction -
- Die cast aluminum housing
- Isolated die cast aluminum socket housing
- Thermally isolated ballast compartment, capacitor compartment, and wiring chamber    (maximum 90° input cord.)
- Vertical aiming/repositioning memory
- Horizontal aiming indicator
- Lektrocote® polyester powder paint finish (gray).
- Aiming sights sold seperately

### Optics/Electrical System -
- Optional spill/glare control optics
- Sealed and finished parabolic reflector
- Four point stainless steel latching, lens ring, and door hinge
- Silicone gasketing
- Tempered clear glass lens
- Filtered optics
- Lamp support standard 22 ⅞" diameter maximum

### Installation -
- One captive mounting bolt (¾" dia.) installed in fixture
- Single ballast cover plate for easy access
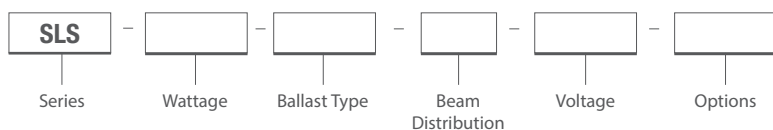- Large wiring compartment

### Test, Certifications, Listings -
- 1g, 100,000 cycle vibration tested.
- Wind tunnel tested to 120 m.p.h.
- Hubbell Guard™ treated external hardware
- UL 1598 listed and CSA c/us certified for use in wet locations

## ORDERING INFORMATION

ORDERING EXAMPLE: SLS-1000P-1-N-8-3CXX

| SLS | – | | – | | – | | – | | – | |
|---|---|---|---|---|---|---|---|---|---|---|
| Series | | Wattage | | Ballast Type | | Beam Distribution | | Voltage | | Options |

### SERIES

| SLS | Sportsliter System |
|---|---|

### WATTAGE I SOURCE

| 1000P | 1000w PSMH |
|---|---|
| 1500H | 1500w MH |
| 1000S | 1000w HPS |

### BALLAST TYPE

| 0 | No ballast (remote head only) |
|---|---|
| 1 | HPF regulated, Peak Lead Auto, CWA, Auto Regulated |

### BEAM DISTRIBUTION

| 2 | NEMA type 2 |
|---|---|
| 3[6] | NEMA type 3 |
| 4 | NEMA type 4 |
| 5 | NEMA type 5 |
| 6 | NEMA type 6 |
| N[3,4] | Narrow Beam Horizontal Lamp |
| M[3,4] | Medium Beam Horizontal Lamp |
| W[3,4] | Wide Beam Horizontal Lamp |

### VOLTAGE

| 5 | 480V |
|---|---|
| 6[8] | Tri-Tap® (120, 277, 347V) |
| 8 | Quad-Tap® (120, 208, 240, 277V) |
| E[8] | 220/240 50Hz |
| F | 347V 1000w Pulse Start only |
| 0 | No Ballast (remote head only) |

### OPTIONS

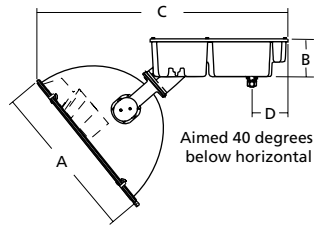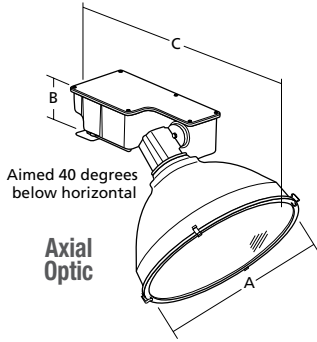| 3CXX[1,5] | 3' Prewired SEOWA cord (specify voltage and gauge) |
|---|---|
| 6CXX[1,5] | 6' Prewired SEOWA cord (specify voltage and gauge) |
| 12CXX[1,5] | 12' Prewired SEOWA cord (specify voltage and gauge) |

| F(x)[7] | Fusing (X = Voltage) |
|---|---|
| PH[2] | Protective Hull |
| SG | Spill/Glare control (internal faceted louver, for beam type N,M & W only. |
| V2 | External visor for axial and horizontal lamp optics (shipped separately) |
| LV | External visor/louver for axial and horizontal lamp optics (shipped separately) |
| AR | Anti reflectance high performance lens |

1. For wire gauge, replace first X with 6 - 16/3; 4 - 14/3; or 2 - 12/3; (NOTE: 120V 1500W units must use 14/3 or 12/3); For voltage replace second X with 1 - 120V; 2 - 208V; 3 - 240V; 4 - 277V; 5 - 480V; 6 - 347V
2. Hull adds 4 lbs. to total weight - shipped separately except on N/M/W optics (assembled on unit)
3. N/M/W beam distributions not available in HPS; Luminaire shipped as completely assembled unit
4. Units not suitable for up-aiming
5 Specific wire gauge and wiring methods may be required by local or national codes; Consult local inspection agencies for details prior to ordering
6. Type 3 distribution not available in 1000w HPS
7. Replace X with: 1-120V, 2-208V, 3-240V, 4-277V, 5-480V
8. 1000w HPS and 1500w Metal Halide only
Note: Aiming sights ordered separately (see Accessories page 3). Recommend 1-2 per pole

# INTEGRAL BALLASTED LUMINAIRE
DIMENSIONS AND WEIGHT

## SLS INTEGRAL BALLAST DIMENSIONS



Aimed 40 degrees below horizontal

**Axial Optic**

**Horizontal Optic**

Aimed 40 degrees below horizontal

Note  2.8 EPA per fixture

|  | A | B | C | D |
|---|---|---|---|---|
| **Axial Optics** | 22 ½" | 5 ¼" | 35 ¾" | |
| | 572 mm | 133 mm | 908 mm | |
| **Horizontal Optics** | 22 ½" | 5 ¼" | 36 ⅝" | 5 ¼" |
| | 572 mm | 133 mm | 930 mm | 133 mm |

## SLS INTEGRAL BALLAST WEIGHT

| Integral Luminaires | Weight | |
|---|---|---|
| METAL HALIDE | lbs | kg |
| Axial, 1000W | 47.0 | 21.4 |
| Axial, 1500W | 50.0 | 22.8 |
| Horizontal, 1000W | 49.5 | 22.6 |
| Horizontal, 1500W | 52.5 | 23.9 |
| HIGH PRESSURE SODIUM | | |
| 1000w | 51.0 | 23.2 |

| Remote Yoke Heads | | |
|---|---|---|
| METAL HALIDE | lbs | kg |
| Axial, 1000/1500W | 18.0 | 8.2 |
| Horizontal, 1000/1500W | 20.5 | 9.3 |

## SLS ACCESSORIES

| Catalog Number Description | | Weight lbs. (kg) |
|---|---|---|
| 4024SLS | Slipfitter for 2" (2 ⅜" OD) tenon for integral luminaires | 4 (1.8) |
| 4024C | Slipfitter for 2" (2 ⅜" OD) tenon for remote head units only | 4 (1.8) |
| 4090 | Heavy-duty cast iron crossarm fitting for horizontal trunnion for remote heads only | 3 (1.4) |
| SLS-V2 | 12" Visor with lens, lens ring, gasket, hinge and latches. | 3 (1.4) |
| SLS-LV | 12" Visor with lens, lens ring, gasket, hinge, latches and external louvers. | 4 (1.9) |
| SLS-SPC | Polycarbonate shield, suitable for NEMA 5, 6 & W beam, 400-1000 watt only. | 5 (2.3) |
| SLS5010 | Steel fitting used with SLS integral ballast when mounted at center location on angle crossarms. Used on cages when structural bracing becomes an issue. | 2 (0.9) |
| SLSC | Safety cable for integral luminaires | - |
| LR-30 | Safety cable for remote yoke heads only | - |
| SLSAIMINGSIGHTAXL | Aiming sight for integral ballasted axial optic, recommend minimum of 1-2 per pole. | - |
| SLSAIMINGSIGHTHZL | Aiming sight for integral ballasted horiontal optic, recommend minium of 1-2 per pole. | - |
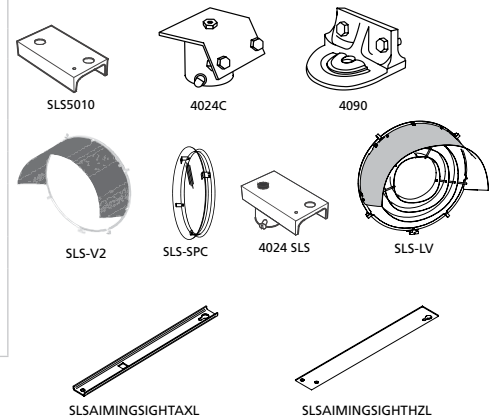
Note: For other mounting accessories, consult factory



SLS5010    4024C    4090    SLS-V2    SLS-SPC    4024 SLS    SLS-LV    SLSAIMINGSIGHTAXL    SLSAIMINGSIGHTHZL

## SLS MOUNTING BRACKETS

| Catalog Number | Maximum Loading | | Description | Weight lbs. (kg) | EPA ft² (m²) |
|---|---|---|---|---|---|
| | Fixture Quantity | Weight lbs. (kg) | | | |
| Round Steel Pole - Crossarm Type – TCA-R Series - Clamps 3" to 5 ½" dia. | | | | | |
| TCA-R2 | 2 | 210 (95.3) | For two fixtures | 28 (12.7) | .8 (0.1) |
| TCA-R3[1] | 3 | 315 (142.9) | For three fixtures | 70 (31.7) | 1.6 (0.2) |
| TCA-R4 | 4 | 420 (190.5) | For four fixtures | 106 (48) | 2.5 (0.2) |
| Wood Pole - Crossarm Type – TCA-W Series - Thru or Lag Bolt (Not Included) | | | | | |
| TCA-W2 | 2 | 210 (95.3) | For two fixtures | 21 (9.5) | 1 (0.1) |
| TCA-W3[1] | 3 | 315 (142.9) | For three fixtures | 80 (36.3) | 1.8 (0.2) |
| TCA-W4 | 4 | 420 (190.5) | For four fixtures | 106 (48) | 2.4 (0.2) |

1    One SLS5010 mounting bracket included

Note:    Galvanized available, add suffix -M38



TCA-R2    TCA-R3    TCA-R4    TCA-W2    TCA-W3    TCA-W4

For more information visit our web site: http://www.sportslighting.com

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