BHR300 | HORIZON

3-3/8” square illuminated coffer luminaire

Project: 

Type: 

FEATURES

The Horizon BHR300 linear illuminated coffer luminaire provides clean, understated yet high performance general illumination. Housed in a 3-3/8” square extrusion, a visibly quiet, 2” wide illuminated coffer distributes light efficiently across a broad range. Surface and cable mounting options are available, as well as a variety of dimming drivers and light outputs, to maximize the versatility of this clean design luminaire.

SPECIFICATIONS

Fixture constructed of an extruded aluminum housing, chassis, and machined aluminum end caps

Model variations offered for surface and cable suspended applications

Coffer formed of 98% reflective material

Standard finishes as shown below

Available in nominal lengths of 2’-7’ single fixtures and continuous runs

Basic continuous run fixtures provided with 18 ga. wiring harness for 6 Amp maximum load (consult factory for runs requiring multiple circuits, sensor integration, etc.)

LED modules, driver, and reflector are integrated into the chassis, which snaps into the outer housing for simple and quick installation

Standard integral 120-277V driver offered with 0-10V dimming or non-dim (other dimming driver options available)

Integral 120-277V emergency battery backup available for 4’ nominal non-dim or 0-10V (consult factory for all other lengths/drivers)

Standard light outputs are 665, 880 and 1090 lumens per foot

LEDs available in 2700K, 3000K, 3500K, and 4000K, within a 3 step MacAdam ellipse, all with 90+ CRI typical

Life: 50,000 hours L70

Limited five year warranty

UL and C-UL listed for dry and damp locations

PERFORMANCE

Note: All data reflects fixtures with 3500K LEDs

<table>
<thead>
<tr>
<th>NOMINAL LENGTH</th>
<th>OUTPUT</th>
<th>LUMENS/ft</th>
<th>WATTS/ft</th>
<th>LUMINAIRE LUMENS</th>
<th>EFFICACY</th>
</tr>
</thead>
<tbody>
<tr>
<td>4’</td>
<td>L: low</td>
<td>665</td>
<td>6.6</td>
<td>2450</td>
<td>97</td>
</tr>
<tr>
<td></td>
<td>R: regular</td>
<td>880</td>
<td>9.0</td>
<td>3251</td>
<td>98</td>
</tr>
<tr>
<td></td>
<td>H: high</td>
<td>1090</td>
<td>11.5</td>
<td>4008</td>
<td>95</td>
</tr>
</tbody>
</table>

SECTIONS

BHR300 -

CORRELATED COLOR TEMPERATURE

|-------------------------|---------------|-------------|-------------|-------------|---------|-------------|

DRIVER

ND: non-dimming

[Dimming]

D: 0-10V, 1%

HES: Lutron EcoSystem, soft-on fade-to-black, 1%

H2: Lutron Hi-lume 2-wire forward phase, 1%, (120V ONLY)

ES5: Lutron EcoSystem 5-Series, 5%

EL: eldoLED ECOdrive 0-10V, 1%

LIGHT OUTPUT

(lumens per foot)

|------------------------|---------------|-------------|-------------|-------------|---------|-------------|

OPTIONS

ED: emergency driver

(49” non-dim or 0-10V fixtures only)

WS1: Wattstopper FS-205

ES1: EasySense SN102

ES2: EasySense SN200

ES3: EasySense SN300

EN1: Enlighted FS-D22

FINISH

AW: architectural white (semi-matte)

WH: white (semi-gloss)

BL: black (semi-matte)

MB: matte black

ESS: environmental satin silver

BZ: bronze

PR: primer

CF: consult factory for custom finish

SA: satin anodize (may require additional lead time)

* Actual dimension dependent on run configuration

ǂ See sensor section for driver compatibility information

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### MOUNTING

<table>
<thead>
<tr>
<th>ORDERING CODE</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>SM</td>
<td>SURFACE MOUNT</td>
</tr>
<tr>
<td></td>
<td>• Use appropriate fastener through Ø3/16&quot; holes in housing</td>
</tr>
</tbody>
</table>

### CABLE MOUNT

Mounting option includes:
- Ø 1/16"x 48" (C4) or 96" (C8) aircraft cables
- 60" (C4) or 108" (C8) power cable (in coordinating finish)
- Bracket bars
- Ø 5” white canopies
- Ceiling couplers
- Cable grippers

**C4 and C8**

C4 = 48" Nom.  
C8 = 96" Nom.

### END TREATMENT

Note: These options apply to SN, ST and TR configuration fixtures

<table>
<thead>
<tr>
<th>ORDERING CODE</th>
<th>DESCRIPTION</th>
<th>SPECIFICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>SOLID SQUARE CAP</td>
<td>1/4” thick, square machined aluminum end cap</td>
</tr>
<tr>
<td>B</td>
<td>ARCHED OPENING CAP</td>
<td>1/4” thick machined aluminum end cap with arched opening</td>
</tr>
</tbody>
</table>
## OPTIONS

<table>
<thead>
<tr>
<th>ORDERING CODE</th>
<th>DESCRIPTION</th>
<th>SPECIFICATIONS</th>
</tr>
</thead>
</table>
| ED            | EMERGENCY LED DRIVER             | • Universal 120-277V input voltage emergency driver delivers initial minimum power of 10W for 90 minutes  
                              | • Available for 4’ nominal length non-dim or 0-10V fixture only (consult factory for all other lengths/drivers)  
                              | • Indicator/test switch located on the top for C4/C8 mount and on the side at an end for SM mount |

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## INTEGRATED SENSORS

Note: Sensor options add 3-1/2" to the overall fixture length.

<table>
<thead>
<tr>
<th>ORDERING CODE</th>
<th>BRAND AND MODEL</th>
<th>FUNCTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>WS1</td>
<td>Wattstopper FS-205</td>
<td>Occupancy and light level sensor</td>
</tr>
<tr>
<td></td>
<td></td>
<td>For use with on/off or 0-10V dimming drivers only</td>
</tr>
<tr>
<td>EN1</td>
<td>Enlighted FS-D22</td>
<td>Occupancy, ambient light sensing, daylight harvesting, and environment monitoring for Enlighted control network</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Provided with Advance sensor ready series 0-10V dimming drivers</td>
</tr>
<tr>
<td>ES1</td>
<td>Philips EasySense SN102</td>
<td>Occupancy, daylight harvesting and task tuning sensor with simple grouping</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Provided with Advance sensor ready series 0-10V dimming drivers</td>
</tr>
<tr>
<td>ES2</td>
<td>Philips EasySense SN200</td>
<td>Occupancy, daylight harvesting and task tuning sensor with advance grouping</td>
</tr>
<tr>
<td>ES3</td>
<td>Philips EasySense SN300</td>
<td>Occupancy, daylight harvesting sensor for integration with Zigbee control networks</td>
</tr>
</tbody>
</table>