# BHR300 | *HORIZON*

3-3/8" square illuminated coffer luminaire

**bartco**
VISIONS BROUGHT TO LIGHT™

Project: _____   Type: _____



## SECTIONS



3⅜"

2"

3⅜"

## 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)

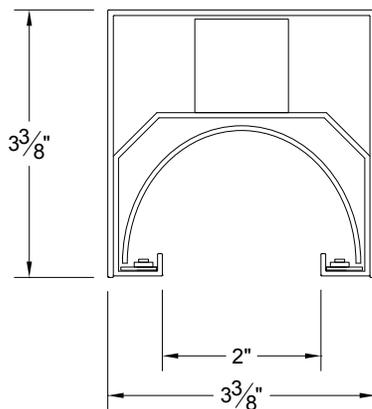Standard light outputs are 665 and 880 lumens per foot

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

Life: 50,000 hours $L_{70}$

Limited five year warranty

UL listing pending

## PERFORMANCE

| NOMINAL LENGTH | OUTPUT | LUMENS/ft. | WATTS/ft. | LUMINAIRE LUMENS | EFFICACY |
|---|---|---|---|---|---|
| 4' | L: low | 665 | 6.8 | 2450 | 97 |
| | R: regular | 880 | 9.0 | 3251 | 98 |

Note:  All data reflects fixtures with 3500K LEDs

Made in USA

## BHR300 -

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**NOMINAL FIXTURE LENGTH***

23: 22-11/16"
36: 35-3/4"
49: 49-1/4"
62: 62-5/16"
71: 71"
84: 84-5/16"

**CORRELATED COLOR TEMPERATURE**

27: 2700K-90+ CRI
30: 3000K-90+ CRI
35: 3500K-90+ CRI
40: 4000K-90+ CRI

**DRIVER**

ND: non-dimming

[Dimming]
D: 0-10V, 1%
HE: Lutron EcoSystem, 1%
HES: Lutron EcoSystem, soft-on fade-to-black, 1%
H2: Lutron Hi-lume 2-wire foward phase, 1%, (120V ONLY)
E5: Lutron EcoSystem 5-Series, 5%
EL: eldoLED ECOdrive 0-10V, 1%

**LIGHT OUTPUT (lumens per foot)**

L: low - 665
R: regular - 880
CF: consult factory for custom output

**MOUNT**

SM: surface mount
C4: cable mount 4' cable length
C8: cable mount 8' cable length
CF: consult factory for custom mounting

**RUN CONFIGURATION**

SN: single
ST: starter
AD: adder
TR: terminator

**END TREATMENT (for SN, ST, TR)**

A: solid square end cap
B: arched flat end cap

**OPTIONS**
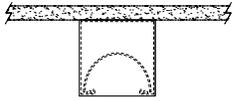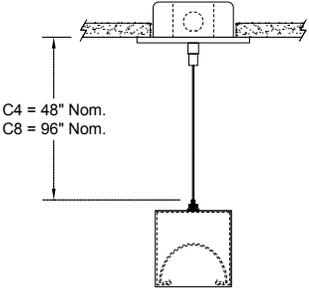
ED: emergency driver (49" non-dim or 0-10V fixtures only)
WS1: Wattstopper FS-205 ‡
ES1: EasySense SN102 ‡
ES2: EasySense SN200 ‡
ES3: EasySense SN300 ‡
EN1: Enlighted FS-D22 ‡

**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
‡ See sensor section for driver compatibility information

## MOUNTING

| | ORDERING CODE | DESCRIPTION |
|---|---|---|
|  | SM | **SURFACE MOUNT**<br><br>• Use appropriate fastener through Ø3/16" holes in housing |
| <br>C4 = 48" Nom.<br>C8 = 96" Nom. | C4 and C8 | **CABLE MOUNT**<br><br>Mounting option includes:<br>• Ø 1/16"x 48" (C4) or 96" (C8) aircraft cables<br>• 60" (C4) or 108" (C8) power cable (in coordinating finish)<br>• Bracket bars<br>• Ø 5" white canopies<br>• Ceiling couplers<br>• Cable grippers |

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

| | ORDERING CODE | DESCRIPTION | SPECIFICATION |
|---|---|---|---|
|  | A | SOLID SQUARE CAP | 1/4" thick, square machined aluminum end cap |
|  | B | ARCHED OPENING CAP | 1/4" thick machined aluminum end cap with arched opening |

**OPTIONS**

| ORDERING CODE | DESCRIPTION | SPECIFICATIONS |
|---|---|---|
| ED | EMERGENCY LED DRIVER | • Universal 120-277V input voltage emergency driver delivers initial minimum power of 10W for 90 minutes<br>• Available for 4' nominal length non-dim or 0-10V fixture only (consult factory for all other lengths/drivers) |

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

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