SPECIFICATIONS

Fixture housing, chassis and trim elements made of extruded aluminum, with additional heavy gauge sheet parts

Model options available for typical 9/16” and 15/16” grid ceilings or hard ceilings with flange and trimless mounting

Coffer formed of 98% reflective material

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

Chicago plenum rated option available

Nominal weight is 2.8 lbs. per foot

Limited five year warranty

UL and C-UL listed for dry and damp locations

FEATURES

The Horizon BHR301 linear illuminated coffer luminaire provides clean, understated yet high performance general illumination. Recessed into a ceiling, a visibly quiet, 2” wide illuminated coffers distribute light efficiently across a broad range. Grid ceiling, flange trim and trimless mounting options are available, as well as a variety of dimming drivers and light outputs, to maximize the versatility of this clean design luminaire.

SECTIONS

2” wide aperture illuminated coffer luminaire

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
   H: high - 1090  11.5  4008  95

Note: All data reflects fixtures with 3500K LEDs

OPTIONS

- MOUNTING
  T1: T-grid 9/16”
  T2: T-grid 15/16”
  FT: Flange trim
  TL: Trimless
  CF: consult factory for custom mounting

- NOMINAL FIXTURE LENGTH
  22: 22”
  36: 36”
  49: 49”
  62: 62”
  71: 71”
  84: 84”

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

- DRIVER
  NO: 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)
  EL: eldoLED ECOdrive 0-10V, 1%

- LIGHT OUTPUT (lumens per foot)
  L: low - 665
  R: regular - 880
  H: high - 1090
  CF: consult factory for custom output

- RUN CONFIGURATION
  SN: single
  ST: starter
  AD: adder
  TR: terminator

- OPTIONS
  CP: Chicago plenum
  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
  CF: consult factory for custom finish

* Actual dimension dependent on trim option and run configuration
‡ See sensor section for driver compatibility information

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**MOUNTING**

<table>
<thead>
<tr>
<th>ORDERING CODE</th>
<th>DESCRIPTION</th>
<th>SPECIFICATIONS</th>
</tr>
</thead>
</table>
| T1            | T-grid ceiling 9/16" | • 16 ga. brackets locate housing onto T-bar and allow 1/2" of vertical adjustment to accommodate various height T-bar  
• Housing secured with support wires (by others)  
• Exposed flange trim in matte white finish |
| T2            | T-grid ceiling 15/16" |

**FT**

Flange - drywall ceiling  
• 3/4" wide extruded aluminum trim flange in matte white finish  
• Housing secured with support wires or 1/4-20 threaded rod (by others)

**TL**

Trimless - drywall ceiling  
• Installs after 1/2" or 5/8" drywall  
• Housing secured with self-tapping drywall screws (by others) into blocking as required
### OPTIONS

<table>
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</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)  
• Provided with combination test switch/indicator light mounted to wall plate for remote installation |

Note: remote battery backup available for shorter fixture lengths - ordered separately, consult factory for details.

### 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>
<th>OPTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>WS1</td>
<td>Wattstopper FS-205</td>
<td>Occupancy and light level sensor</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>
<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>
<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>
<td></td>
</tr>
<tr>
<td>ES3</td>
<td>Philips EasySense SN300</td>
<td>Occupancy, daylight harvesting sensor for integration with Zigbee control networks</td>
<td></td>
</tr>
</tbody>
</table>