

# LED HIGH BAY MAX™ OUTPUT

## Luminaires for High Bay Applications

### HBMO SERIES

#### PRODUCT FEATURES:

- » Lumen outputs ranging from 23,500-35,000lm
- » Textured tertiary lens for glare reduction; flat and drop lens
- » Various distribution patterns available, including Aisle-Lighter
- » Suspended ceiling mount; pendant, trunnion and loop hanger
- » 10 year limited product warranty



#### PROJECT INFORMATION

Job Name \_\_\_\_\_

Fixture Type \_\_\_\_\_

Catalog Number \_\_\_\_\_

Approved by \_\_\_\_\_

#### SPECIFICATIONS:

**HOUSING:** Marine-grade die-cast aluminum construction. Integral aluminum heat sink with concealed air inlet and convection fins. All power electronics removed from primary thermal path; all drivers with dedicated heat sink to exterior of luminaire. TGIC polyester powder coat finish with five-step pre-treatment; salt-spray test 1,000 hours. See Ordering Information for available finishes. Closed-cell silicone gasketing at all housing interfaces.

**OPTICS:** Type II, III, IV, V-Narrow Round, V-Wide Square or Aisle-lighter optical distributions. Clear textured acrylic or polycarbonate tertiary flat lens for full-cutoff applications or injection-molded clear textured acrylic or polycarbonate tertiary drop lens for uplight and enhanced glare control.

**ELECTRICAL:** Replaceable high-brightness LED array. See Ordering Information for color temperature and CRI options. 120-277VAC, 347VAC or 480VAC, 50/60Hz input with replaceable high power factor electronic constant-current driver (<10% THD, >0.95 PF). Standard 0-10V dimming with 10-100% range. Minimum 85% driver efficiency. EMC performance compliant with FCC CFR Part 15. Standard 20kV/kA surge protection to IEEE/ANSI C62.41 Cat. A.

**TEKLINK™ TL50:** An independent lighting control system integral to the luminaire, featuring its own occupancy sensor, daylight harvesting and adjustable time-out/dimming settings. Three different programs are available, each governing system behavior in normal operation; On-to-Dim Daylighting, On-to-Off Daylighting, and Occupancy Only.

**TEKLINK™ TL100:** Centralized, wired zonal occupancy and closed-loop daylight harvesting control system. TL100 controllers are standalone devices and ordered separately for luminaire. [Click here for specifications.](#)

**TEKLINK™ TL1000/2000:** An adaptive lighting control system with wired or wireless communication between system nodes. In addition to occupancy detection and daylight harvesting, TL1000 and TL2000 feature advanced scheduling and energy management capabilities with cloud-based management of system settings, reporting and notifications.

**INSTALLATION:** PENDANT: Sealed threaded hub supplied for 3/4" rigid pendant. Pendants by others. LOOP HANGER: Sealed hub with loop style hanger and 6' black power cord. IP65 rated quick connector. Hook by others. Center of gravity is along center axis of luminaire. TRUNNION: Length-adjustable trunnion bracket system with 6' black power cord and IP65 electrical hub.

**PHOTOMETRICS:** Photometry tested at 25°C. Photometry tested to the IESNA LM-79-08 standard by an ILAC/ISO 17025 accredited laboratory. For additional photometric data, please go to [www.kenall.com](http://www.kenall.com).

**WARRANTY:** Limited ten (10) year warranty.

**NOTE:** Product is rated for -40°C to 25°C ambient environments.

**LISTINGS:** Luminaire is certified to UL Standards by Intertek Testing Laboratory for Wet Location. IP65 rating per IEC 60598. For maximum efficiency, Kenall recommends TekLink™ controls. For more information, visit [www.kenall.com](http://www.kenall.com).



#### ORDERING INFORMATION (Ex: HBMO26-PM-5S-DTA-DB-408L57K-DV)

| Model  | Mounting                              | Dist. Type   | Lens Type  | Finish | Lamp Type | Voltage | Options | TekLink | Controls Kit |                 |                  |                |                |                  |                                 |                  |   |                 |                                       |                       |   |                |                                 |                       |   |  |                                       |  |  |                          |               |                |  |         |                |  |   |           |                |  |  |            |               |                        |  |           |                |               |  |                          |                |                         |  |                         |                                   |                               |  |  |                  |  |  |  |                                     |  |  |  |                                     |  |  |  |                                      |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |                                      |  |  |  |                                     |  |  |  |                                     |  |  |
|--|---------------------------------------|--|--|--------|-----------|---------|---------|---------|--------------|-----------------|------------------|----------------|----------------|------------------|---------------------------------|------------------|---|-----------------|---------------------------------------|-----------------------|---|----------------|---------------------------------|-----------------------|---|--|---------------------------------------|--|--|--------------------------|---------------|----------------|--|---------|----------------|--|---|-----------|----------------|--|--|------------|---------------|------------------------|--|-----------|----------------|---------------|--|--------------------------|----------------|-------------------------|--|-------------------------|-----------------------------------|-------------------------------|--|--|------------------|--|--|--|-------------------------------------|--|--|--|-------------------------------------|--|--|--|--------------------------------------|--|--|--|-------------------------------------|--|--|--|-------------------------------------|--|--|--|-------------------------------------|--|--|--|-------------------------------------|--|--|--|--------------------------------------|--|--|--|-------------------------------------|--|--|--|-------------------------------------|--|--|
| <b>HBMO26</b>  |                                       |  |  |        |           |         |         |         |              |                 |                  |                |                |                  |                                 |                  |   |                 |                                       |                       |   |                |                                 |                       |   |  |                                       |  |  |                          |               |                |  |         |                |  |   |           |                |  |  |            |               |                        |  |           |                |               |  |                          |                |                         |  |                         |                                   |                               |  |  |                  |  |  |  |                                     |  |  |  |                                     |  |  |  |                                      |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |                                      |  |  |  |                                     |  |  |  |                                     |  |  |
| <table border="0" style="width: 100%;"> <tr> <td style="width: 25%;"><b>Mounting</b></td> <td style="width: 25%;"><b>Lens Type</b></td> <td style="width: 25%;"><b>Voltage</b></td> <td style="width: 25%;"><b>TekLink</b></td> </tr> <tr> <td>PM Pendant Mount</td> <td>DTA Drop Clear Textured Acrylic</td> <td>DV 120-277 Volts</td> <td>TL50 TL50 Control System<br/><a href="#">(Click here for specifications)</a></td> </tr> <tr> <td>TK Trunnion Kit</td> <td>DTP Drop Clear Textured Polycarbonate</td> <td>347 347 Volts (60 Hz)</td> <td>TL100 TL100 Control System<br/><a href="#">(Click here for specifications)</a></td> </tr> <tr> <td>HL Loop Hanger</td> <td>FTA Flat Clear Textured Acrylic</td> <td>480 480 Volts (60 Hz)</td> <td>TL1000 TL1000 Wired Control System<br/><a href="#">(Click here for specifications)</a></td> </tr> <tr> <td></td> <td>FTP Flat Clear Textured Polycarbonate</td> <td></td> <td>TL2000 TL2000 Wireless Control System<br/><a href="#">(Click here for specifications)</a></td> </tr> <tr> <td><b>Distribution Type</b></td> <td><b>Finish</b></td> <td><b>Options</b></td> <td><b>TLOS*</b> TL Sensor Only<br/><a href="#">(Click here for specifications)</a></td> </tr> <tr> <td>A Aisle</td> <td>DB Dark Bronze</td> <td>LELC* Ceiling Mounted 20W<br/>Emergency Battery Backup<br/>(to view dimensional drawing <a href="#">click here</a>)</td> <td>Please consult Kenall Applications when ordering Controls</td> </tr> <tr> <td>2 Type II</td> <td>GW Gloss White</td> <td>LELP* Pendant Mounted 20W<br/>Emergency Battery Backup<br/>(to view dimensional drawing <a href="#">click here</a>)</td> <td></td> </tr> <tr> <td>3 Type III</td> <td>LG Light Gray</td> <td>2C‡ Two-Circuit Wiring</td> <td></td> </tr> <tr> <td>4 Type IV</td> <td>MB Matte Black</td> <td>BG Bird Guard</td> <td></td> </tr> <tr> <td>5N Type V – Narrow Round</td> <td>MW Matte White</td> <td>FS Single Fuse &amp; 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| <b>Mounting</b>  | <b>Lens Type</b>                      | <b>Voltage</b>   | <b>TekLink</b>   |        |           |         |         |         |              |                 |                  |                |                |                  |                                 |                  |   |                 |                                       |                       |   |                |                                 |                       |   |  |                                       |  |  |                          |               |                |  |         |                |  |   |           |                |  |  |            |               |                        |  |           |                |               |  |                          |                |                         |  |                         |                                   |                               |  |  |                  |  |  |  |                                     |  |  |  |                                     |  |  |  |                                      |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |                                      |  |  |  |                                     |  |  |  |                                     |  |  |
| PM Pendant Mount   | DTA Drop Clear Textured Acrylic       | DV 120-277 Volts   | TL50 TL50 Control System<br><a href="#">(Click here for specifications)</a>              |        |           |         |         |         |              |                 |                  |                |                |                  |                                 |                  |   |                 |                                       |                       |   |                |                                 |                       |   |  |                                       |  |  |                          |               |                |  |         |                |  |   |           |                |  |  |            |               |                        |  |           |                |               |  |                          |                |                         |  |                         |                                   |                               |  |  |                  |  |  |  |                                     |  |  |  |                                     |  |  |  |                                      |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |                                      |  |  |  |                                     |  |  |  |                                     |  |  |
| TK Trunnion Kit  | DTP Drop Clear Textured Polycarbonate | 347 347 Volts (60 Hz)  | TL100 TL100 Control System<br><a href="#">(Click here for specifications)</a>            |        |           |         |         |         |              |                 |                  |                |                |                  |                                 |                  |   |                 |                                       |                       |   |                |                                 |                       |   |  |                                       |  |  |                          |               |                |  |         |                |  |   |           |                |  |  |            |               |                        |  |           |                |               |  |                          |                |                         |  |                         |                                   |                               |  |  |                  |  |  |  |                                     |  |  |  |                                     |  |  |  |                                      |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |                                      |  |  |  |                                     |  |  |  |                                     |  |  |
| HL Loop Hanger   | FTA Flat Clear Textured Acrylic       | 480 480 Volts (60 Hz)  | TL1000 TL1000 Wired Control System<br><a href="#">(Click here for specifications)</a>    |        |           |         |         |         |              |                 |                  |                |                |                  |                                 |                  |   |                 |                                       |                       |   |                |                                 |                       |   |  |                                       |  |  |                          |               |                |  |         |                |  |   |           |                |  |  |            |               |                        |  |           |                |               |  |                          |                |                         |  |                         |                                   |                               |  |  |                  |  |  |  |                                     |  |  |  |                                     |  |  |  |                                      |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |                                      |  |  |  |                                     |  |  |  |                                     |  |  |
|  | FTP Flat Clear Textured Polycarbonate |  | TL2000 TL2000 Wireless Control System<br><a href="#">(Click here for specifications)</a> |        |           |         |         |         |              |                 |                  |                |                |                  |                                 |                  |   |                 |                                       |                       |   |                |                                 |                       |   |  |                                       |  |  |                          |               |                |  |         |                |  |   |           |                |  |  |            |               |                        |  |           |                |               |  |                          |                |                         |  |                         |                                   |                               |  |  |                  |  |  |  |                                     |  |  |  |                                     |  |  |  |                                      |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |                                      |  |  |  |                                     |  |  |  |                                     |  |  |
| <b>Distribution Type</b>   | <b>Finish</b>                         | <b>Options</b>   | <b>TLOS*</b> TL Sensor Only<br><a href="#">(Click here for specifications)</a>           |        |           |         |         |         |              |                 |                  |                |                |                  |                                 |                  |   |                 |                                       |                       |   |                |                                 |                       |   |  |                                       |  |  |                          |               |                |  |         |                |  |   |           |                |  |  |            |               |                        |  |           |                |               |  |                          |                |                         |  |                         |                                   |                               |  |  |                  |  |  |  |                                     |  |  |  |                                     |  |  |  |                                      |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |                                      |  |  |  |                                     |  |  |  |                                     |  |  |
| A Aisle  | DB Dark Bronze                        | LELC* Ceiling Mounted 20W<br>Emergency Battery Backup<br>(to view dimensional drawing <a href="#">click here</a> ) | Please consult Kenall Applications when ordering Controls                                |        |           |         |         |         |              |                 |                  |                |                |                  |                                 |                  |   |                 |                                       |                       |   |                |                                 |                       |   |  |                                       |  |  |                          |               |                |  |         |                |  |   |           |                |  |  |            |               |                        |  |           |                |               |  |                          |                |                         |  |                         |                                   |                               |  |  |                  |  |  |  |                                     |  |  |  |                                     |  |  |  |                                      |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |                                      |  |  |  |                                     |  |  |  |                                     |  |  |
| 2 Type II  | GW Gloss White                        | LELP* Pendant Mounted 20W<br>Emergency Battery Backup<br>(to view dimensional drawing <a href="#">click here</a> ) |  |        |           |         |         |         |              |                 |                  |                |                |                  |                                 |                  |   |                 |                                       |                       |   |                |                                 |                       |   |  |                                       |  |  |                          |               |                |  |         |                |  |   |           |                |  |  |            |               |                        |  |           |                |               |  |                          |                |                         |  |                         |                                   |                               |  |  |                  |  |  |  |                                     |  |  |  |                                     |  |  |  |                                      |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |                                      |  |  |  |                                     |  |  |  |                                     |  |  |
| 3 Type III   | LG Light Gray                         | 2C‡ Two-Circuit Wiring   |  |        |           |         |         |         |              |                 |                  |                |                |                  |                                 |                  |   |                 |                                       |                       |   |                |                                 |                       |   |  |                                       |  |  |                          |               |                |  |         |                |  |   |           |                |  |  |            |               |                        |  |           |                |               |  |                          |                |                         |  |                         |                                   |                               |  |  |                  |  |  |  |                                     |  |  |  |                                     |  |  |  |                                      |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |                                      |  |  |  |                                     |  |  |  |                                     |  |  |
| 4 Type IV  | MB Matte Black                        | BG Bird Guard  |  |        |           |         |         |         |              |                 |                  |                |                |                  |                                 |                  |   |                 |                                       |                       |   |                |                                 |                       |   |  |                                       |  |  |                          |               |                |  |         |                |  |   |           |                |  |  |            |               |                        |  |           |                |               |  |                          |                |                         |  |                         |                                   |                               |  |  |                  |  |  |  |                                     |  |  |  |                                     |  |  |  |                                      |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |                                      |  |  |  |                                     |  |  |  |                                     |  |  |
| 5N Type V – Narrow Round   | MW Matte White                        | FS Single Fuse & Holder  |  |        |           |         |         |         |              |                 |                  |                |                |                  |                                 |                  |   |                 |                                       |                       |   |                |                                 |                       |   |  |                                       |  |  |                          |               |                |  |         |                |  |   |           |                |  |  |            |               |                        |  |           |                |               |  |                          |                |                         |  |                         |                                   |                               |  |  |                  |  |  |  |                                     |  |  |  |                                     |  |  |  |                                      |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |                                      |  |  |  |                                     |  |  |  |                                     |  |  |
| 5S Type V – Wide Square  | CC Custom Color (Consult factory)     | SCM4† Safety Cable Mount (4')  |  |        |           |         |         |         |              |                 |                  |                |                |                  |                                 |                  |   |                 |                                       |                       |   |                |                                 |                       |   |  |                                       |  |  |                          |               |                |  |         |                |  |   |           |                |  |  |            |               |                        |  |           |                |               |  |                          |                |                         |  |                         |                                   |                               |  |  |                  |  |  |  |                                     |  |  |  |                                     |  |  |  |                                      |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |                                      |  |  |  |                                     |  |  |  |                                     |  |  |
|  | <b>Lamp Type</b>                      |  |  |        |           |         |         |         |              |                 |                  |                |                |                  |                                 |                  |   |                 |                                       |                       |   |                |                                 |                       |   |  |                                       |  |  |                          |               |                |  |         |                |  |   |           |                |  |  |            |               |                        |  |           |                |               |  |                          |                |                         |  |                         |                                   |                               |  |  |                  |  |  |  |                                     |  |  |  |                                     |  |  |  |                                      |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |                                      |  |  |  |                                     |  |  |  |                                     |  |  |
|  | 300L35K 300 Watt 3500K LED (80 CRI)   |  |  |        |           |         |         |         |              |                 |                  |                |                |                  |                                 |                  |   |                 |                                       |                       |   |                |                                 |                       |   |  |                                       |  |  |                          |               |                |  |         |                |  |   |           |                |  |  |            |               |                        |  |           |                |               |  |                          |                |                         |  |                         |                                   |                               |  |  |                  |  |  |  |                                     |  |  |  |                                     |  |  |  |                                      |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |                                      |  |  |  |                                     |  |  |  |                                     |  |  |
|  | 300L40K 300 Watt 4000K LED (70 CRI)   |  |  |        |           |         |         |         |              |                 |                  |                |                |                  |                                 |                  |   |                 |                                       |                       |   |                |                                 |                       |   |  |                                       |  |  |                          |               |                |  |         |                |  |   |           |                |  |  |            |               |                        |  |           |                |               |  |                          |                |                         |  |                         |                                   |                               |  |  |                  |  |  |  |                                     |  |  |  |                                     |  |  |  |                                      |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |                                      |  |  |  |                                     |  |  |  |                                     |  |  |
|  | 300L40KH 300 Watt 4000K LED (80 CRI)  |  |  |        |           |         |         |         |              |                 |                  |                |                |                  |                                 |                  |   |                 |                                       |                       |   |                |                                 |                       |   |  |                                       |  |  |                          |               |                |  |         |                |  |   |           |                |  |  |            |               |                        |  |           |                |               |  |                          |                |                         |  |                         |                                   |                               |  |  |                  |  |  |  |                                     |  |  |  |                                     |  |  |  |                                      |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |                                      |  |  |  |                                     |  |  |  |                                     |  |  |
|  | 300L50K 300 Watt 5000K LED (70 CRI)   |  |  |        |           |         |         |         |              |                 |                  |                |                |                  |                                 |                  |   |                 |                                       |                       |   |                |                                 |                       |   |  |                                       |  |  |                          |               |                |  |         |                |  |   |           |                |  |  |            |               |                        |  |           |                |               |  |                          |                |                         |  |                         |                                   |                               |  |  |                  |  |  |  |                                     |  |  |  |                                     |  |  |  |                                      |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |                                      |  |  |  |                                     |  |  |  |                                     |  |  |
|  | 300L57K 300 Watt 5700K LED (70 CRI)   |  |  |        |           |         |         |         |              |                 |                  |                |                |                  |                                 |                  |   |                 |                                       |                       |   |                |                                 |                       |   |  |                                       |  |  |                          |               |                |  |         |                |  |   |           |                |  |  |            |               |                        |  |           |                |               |  |                          |                |                         |  |                         |                                   |                               |  |  |                  |  |  |  |                                     |  |  |  |                                     |  |  |  |                                      |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |                                      |  |  |  |                                     |  |  |  |                                     |  |  |
|  | 408L35K 408 Watt 3500K LED (80 CRI)   |  |  |        |           |         |         |         |              |                 |                  |                |                |                  |                                 |                  |   |                 |                                       |                       |   |                |                                 |                       |   |  |                                       |  |  |                          |               |                |  |         |                |  |   |           |                |  |  |            |               |                        |  |           |                |               |  |                          |                |                         |  |                         |                                   |                               |  |  |                  |  |  |  |                                     |  |  |  |                                     |  |  |  |                                      |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |                                      |  |  |  |                                     |  |  |  |                                     |  |  |
|  | 408L40K 408 Watt 4000K LED (70 CRI)   |  |  |        |           |         |         |         |              |                 |                  |                |                |                  |                                 |                  |   |                 |                                       |                       |   |                |                                 |                       |   |  |                                       |  |  |                          |               |                |  |         |                |  |   |           |                |  |  |            |               |                        |  |           |                |               |  |                          |                |                         |  |                         |                                   |                               |  |  |                  |  |  |  |                                     |  |  |  |                                     |  |  |  |                                      |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |                                      |  |  |  |                                     |  |  |  |                                     |  |  |
|  | 408L40KH 408 Watt 4000K LED (80 CRI)  |  |  |        |           |         |         |         |              |                 |                  |                |                |                  |                                 |                  |   |                 |                                       |                       |   |                |                                 |                       |   |  |                                       |  |  |                          |               |                |  |         |                |  |   |           |                |  |  |            |               |                        |  |           |                |               |  |                          |                |                         |  |                         |                                   |                               |  |  |                  |  |  |  |                                     |  |  |  |                                     |  |  |  |                                      |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |                                      |  |  |  |                                     |  |  |  |                                     |  |  |
|  | 408L50K 408 Watt 5000K LED (70 CRI)   |  |  |        |           |         |         |         |              |                 |                  |                |                |                  |                                 |                  |   |                 |                                       |                       |   |                |                                 |                       |   |  |                                       |  |  |                          |               |                |  |         |                |  |   |           |                |  |  |            |               |                        |  |           |                |               |  |                          |                |                         |  |                         |                                   |                               |  |  |                  |  |  |  |                                     |  |  |  |                                     |  |  |  |                                      |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |                                      |  |  |  |                                     |  |  |  |                                     |  |  |
|  | 408L57K 408 Watt 5700K LED (70 CRI)   |  |  |        |           |         |         |         |              |                 |                  |                |                |                  |                                 |                  |   |                 |                                       |                       |   |                |                                 |                       |   |  |                                       |  |  |                          |               |                |  |         |                |  |   |           |                |  |  |            |               |                        |  |           |                |               |  |                          |                |                         |  |                         |                                   |                               |  |  |                  |  |  |  |                                     |  |  |  |                                     |  |  |  |                                      |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |                                     |  |  |  |                                      |  |  |  |                                     |  |  |  |                                     |  |  |

- ▲ Used in conjunction with TL100
- † n/a with TK mounting
- ‡ Suitable for bi-level switching; n/a with TekLink Options
- ▼ Suitable for damp locations and 0°C-50°C ambient temperatures. N/A with 347V or 480V input voltages. Available only with 'PM' Mounting Type.



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HBMO26-042617

# LED HIGH BAY MAX™ OUTPUT

## Luminaires for High Bay Applications

### HBMO SERIES

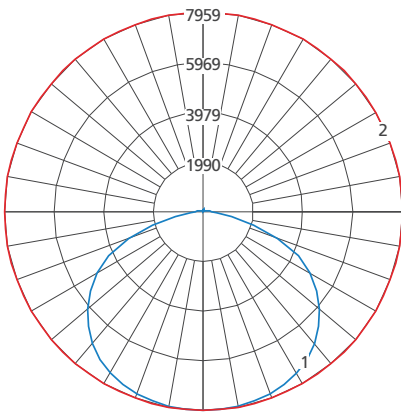
#### PERFORMANCE

| Lamp Type | Initial Delivered Lumens |                 |             |                 | Input Power (W) | Drive Current (mA) | Estd. L <sub>70</sub> LED Life (hrs) |
|-----------|--------------------------|-----------------|-------------|-----------------|-----------------|--------------------|--------------------------------------|
|           | Type 5N DTA              |                 | Type 5N FTA |                 |                 |                    |                                      |
|           | @25°C (lm)               | Efficacy (lm/W) | @25°C (lm)  | Efficacy (lm/W) |                 |                    |                                      |
| 300L57K   | 30,212                   | 89              | 29,254      | 86              | 340             | 1050               | 80,000                               |
| 408L57K   | 35,487                   | 79              | 34,361      | 76              | 451             | 1400               | 50,000                               |
| 300L50K   | 29,906                   | 88              | 28,958      | 85              | 340             | 1050               | 80,000                               |
| 408L50K   | 35,128                   | 78              | 34,014      | 75              | 451             | 1400               | 50,000                               |
| 300L40K   | 28,066                   | 83              | 27,176      | 80              | 340             | 1050               | 80,000                               |
| 408L40K   | 32,966                   | 73              | 31,921      | 71              | 451             | 1400               | 50,000                               |
| 300L40KH  | 26,225                   | 77              | 25,394      | 75              | 340             | 1050               | 80,000                               |
| 408L40KH  | 30,804                   | 68              | 29,827      | 66              | 451             | 1400               | 50,000                               |
| 300L35K   | 26,225                   | 77              | 25,394      | 75              | 340             | 1050               | 80,000                               |
| 408L35K   | 30,804                   | 68              | 29,827      | 66              | 451             | 1400               | 50,000                               |

| Lamp Type | Initial Delivered Lumens |                 |             |                 | Input Power (W) | Drive Current (mA) | Estd. L <sub>70</sub> LED Life |
|-----------|--------------------------|-----------------|-------------|-----------------|-----------------|--------------------|--------------------------------|
|           | Type 5S DTA              |                 | Type 5S FTA |                 |                 |                    |                                |
|           | @25°C (lm)               | Efficacy (lm/W) | @25°C (lm)  | Efficacy (lm/W) |                 |                    |                                |
| 300L57K   | 28,807                   | 85              | 27,094      | 80              | 340             | 1050               | 80,000                         |
| 408L57K   | 33,695                   | 75              | 31,692      | 70              | 451             | 1400               | 50,000                         |
| 300L50K   | 28,516                   | 84              | 26,820      | 79              | 340             | 1050               | 80,000                         |
| 408L50K   | 33,355                   | 74              | 31,372      | 70              | 451             | 1400               | 50,000                         |
| 300L40K   | 26,761                   | 79              | 25,170      | 74              | 340             | 1050               | 80,000                         |
| 408L40K   | 31,302                   | 69              | 29,441      | 65              | 451             | 1400               | 50,000                         |
| 300L40KH  | 25,006                   | 74              | 23,520      | 69              | 340             | 1050               | 80,000                         |
| 408L40KH  | 29,249                   | 65              | 27,511      | 61              | 451             | 1400               | 50,000                         |
| 300L35K   | 25,006                   | 74              | 23,520      | 69              | 340             | 1050               | 80,000                         |
| 408L35K   | 29,249                   | 65              | 27,511      | 61              | 451             | 1400               | 50,000                         |

Displayed information above is for luminaires within a 25° ambient environment. Additional optical distributions are also available. Visit [www.kenall.com](http://www.kenall.com) for IES files and additional information.

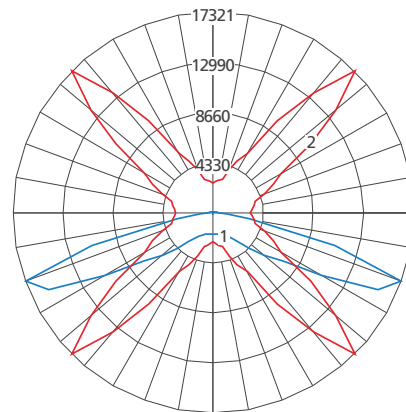
Model: HBMO26-PM-5N-DTA-MW-300L40K-DV



Maximum Candela = 7959 Located At Horizontal Angle = 0, Vertical Angle = 0

- 1 - Vertical Plane Through Horizontal Angles (0-180) (Through Max. Cd.)
- 2 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)

Model: HBMO26-PM-5S-DTA-MW-300L40K-DV



Maximum Candela = 17,321 Located At Horizontal Angle = 45, Vertical Angle = 70

- 1 - Vertical Plane Through Horizontal Angles (45-225) (Through Max. Cd.)
- 2 - Horizontal Cone Through Vertical Angle (70) (Through Max. Cd.)



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HBMO26-042617

# LED HIGH BAY MAX™ OUTPUT

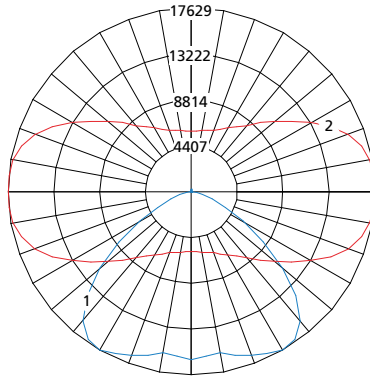
## Luminaires for High Bay Applications

### HBMO SERIES

#### PERFORMANCE

| Lamp Type | Initial Delivered Lumens |                 |            |                 | Input Power (W) | Drive Current (mA) | Estd. L <sub>70</sub> LED Life (hrs) |
|-----------|--------------------------|-----------------|------------|-----------------|-----------------|--------------------|--------------------------------------|
|           | Type A DTA               |                 | Type A FTA |                 |                 |                    |                                      |
|           | @25°C (lm)               | Efficacy (lm/W) | @25°C (lm) | Efficacy (lm/W) |                 |                    |                                      |
| 300L57K   | 28,963                   | 85              | 29,955     | 88              | 340             | 1050               | 80,000                               |
| 408L57K   | 32,132                   | 71              | 32,125     | 71              | 451             | 1400               | 50,000                               |
| 300L50K   | 27,912                   | 82              | 28,867     | 85              | 340             | 1050               | 80,000                               |
| 408L50K   | 30,966                   | 69              | 30,958     | 69              | 451             | 1400               | 50,000                               |
| 300L40K   | 26,194                   | 77              | 27,091     | 80              | 340             | 1050               | 80,000                               |
| 408L40K   | 31,413                   | 70              | 31,406     | 70              | 451             | 1400               | 50,000                               |
| 300L40KH  | 24,476                   | 72              | 25,315     | 74              | 340             | 1050               | 80,000                               |
| 408L40KH  | 29,353                   | 65              | 29,347     | 65              | 451             | 1400               | 50,000                               |
| 300L35K   | 24,476                   | 72              | 25,315     | 74              | 340             | 1050               | 80,000                               |
| 408L35K   | 29,353                   | 65              | 29,347     | 65              | 451             | 1400               | 50,000                               |

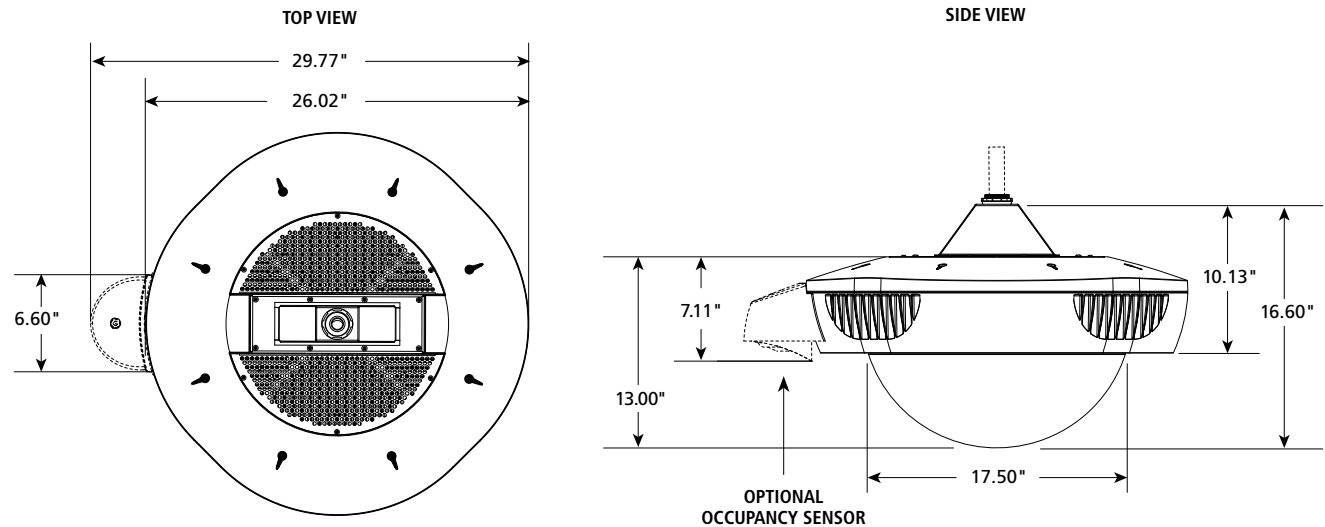
Model: HBMO26-PM-A-FTA-MW-300L40K-DV



Max Candela = 17629 Located At Horizontal Angle = 5, Vertical Angle = 30

- 1 - Vertical Plane Through Horizontal Angles (5 - 185) (Through Max. Cd.)
- 2 - Horizontal Cone Through Vertical Angle (30) (Through Max. Cd.)

#### DIMENSIONAL DATA



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