

| | | |
|---------------|--------------|-------|
| Project Name: | Part Number: | Type: |
|---------------|--------------|-------|

HIMALAYAN HIGH BAY

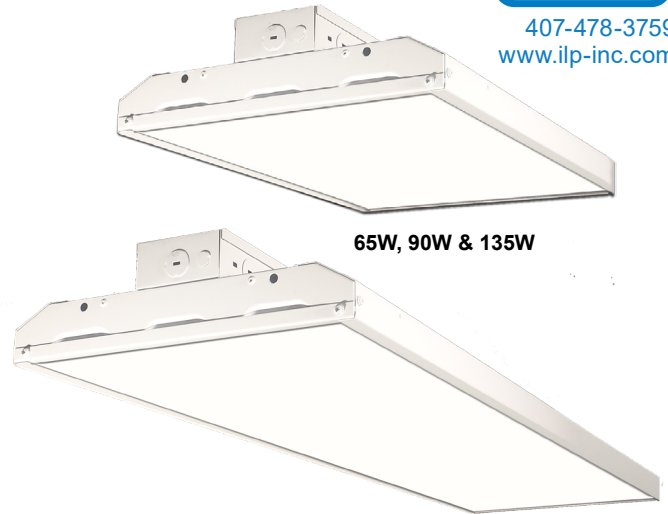
HIMALAYAN HIGH BAY



407-478-3759
www.ilp-inc.com

FEATURES

- 22 Ga Steel
- Post Painted White
- Frosted Lens (std.)
- 4000K & 5000K Color Options
- Multiple Controls Options
- V-Clips Standard
- 0 - 10V Dimmable Driver (100% - 10%)
- 5 Year Warranty
- UL Damp Location Rated
- DesignLights Consortium® Premium Qualified Luminaire



65W, 90W & 135W

178W, 265W, 321W & 425W

SUITABLE APPLICATIONS

- Gymnasiums
- Warehouses
- Manufacturing Plants
- Distribution Centers

| LED SYSTEMS INFO | 65W | 90W | 135W | 178W | 265W | 321W | 425W |
|--|--------------|--------------|--------------|--------------|--------------|----------------|----------------|
| Calculated L ₇₀ (TM-21) Hours | >100K | >100K | >100K | >100K | >100K | >100K | >100K |
| Delivered Lumens | 8,515 lm | 11,790 lm | 17,685 lm | 23,318 lm | 34,715 lm | 42,512 lm | 56,660 lm |
| Total Input Watts | 65 W | 90W | 135W | 178W | 265W | 318 W | 421W |
| Luminaire Efficacy Rating (LER) | 131 lm/W | 131 lm/W | 131 lm/W | 131 lm/W | 131 lm/W | 134 lm/W | 135 lm/W |
| Correlated Color Temperature (CCT) | 5000K | 5000K | 5000K | 5000K | 5000K | 5000K | 5000K |
| Color Rendering Index (CRI) | >80 | >80 | >80 | >80 | >80 | >80 | >80 |
| Ambient Temperature Range | -4°F - 122°F | -4°F - 122°F | -4°F - 122°F | -4°F - 122°F | -4°F - 122°F | -4°F - 115°F | -4°F - 105°F |
| Replaces Existing | 3T8/2T5HO | 250W MH/4T8 | 400W MH/6T8 | 400WMH/6T5HO | 8T5HO/10T8 | 1000WMH/10T5HO | 1000WMH/12T5HO |

LED System data above based on HHB-65WLED-UNIV-50-FRL, HHB-90WLED-UNIV-50-FRL, HHB-135WLED-UNIV-50-FRL, HHB-178WLED-UNIV-50-FRL, HHB-265WLED-UNIV-50-FRL, HHB-321WLED-UNIV-50-FRL & HHB-425WLED-UNIV-50-FRL. LED Lumen Maintenance Estimates based on TM-21 projections for the light source at 25°C ambient.

ORDERING GUIDE:

| Series | Watts | Driver | Color | Options | |
|--------------|-----------------|---|---------------|--|--------------------------------|
| HHB High Bay | 65WLED | UNIV 120-277 V Driver | 50 | FRL | Frosted Acrylic Lens (std.) |
| | 90WLED | | 40 | PCL** | Clear Polycarbonate Lens .125" |
| | 135WLED | | WC** | 11 Ga Wire Cage | |
| | 178WLED | | FIOS | On/Off Occupancy Sensor | |
| | 265WLED | | FIOS/PC | On/Off Occupancy Sensor w/ Photocell | |
| | 321WLED | | FIOSPC/DLH | Daylight Harvesting w/ Motion & Photocell | |
| | 425WLED | | USBD | User Select Bi-level Dim Sensor w/ Occ. Sensor | |
| | | | BDxx | Preset Bi-level Dim Sensor (xx+% eg. 20,30) | |
| | | | BDxxPC | Preset Bi-level Dim Sensor w/ Photocell | |
| | | | DHPC | Daylight Harvesting | |
| | | | ES/HB | EasySense Wireless Grouping High Bay Sensor | |
| | | | ES/IR* | Easy Sense Commissioning IR Blaster | |
| | | | ES/PCD* | Easy Sense Pre-programmed Control Device | |
| | | | CORDx | Cord (x=ft) | |
| | | | HB-XX-18Y-PAD | Toggle Cable System (xx=in) | |
| | | | SMBKIT | Surface Mount Bracket Kit | |
| | | | CPMB | Center Point Mounting Box (Requires HUB or HOOK) | |
| | HOOK | Cast Iron Hook for single point mounting (Must use with CPMB) | | | |
| | HUB 3/4 CONDUIT | Conduit Hub 3/4" for pendant mounting (Must use with CPMB) | | | |
| | FI/ILBCP05 | 5W LED Factory Installed Battery Backup | | | |
| | FI/ILBCP07 | 7W LED Factory Installed Battery Backup | | | |
| | FI/ILBCP10 | 10W LED Factory Installed Battery Backup | | | |
| | FI/ILBCP12 | 12W LED Factory Installed Battery Backup | | | |
| | FI/ILBCP20† | 20W LED Factory Installed Battery Backup | | | |
| | SD480** | 480V Step Down Transformer | | | |
| | SD347** | 347V Step Down Transformer | | | |
| | HT‡ | High Temperature Option (adds 10°F to standard fixture) | | | |

* One needed per project

**Options Do Not Qualify for DLC

† Not Available for 65W, 90W & 135W

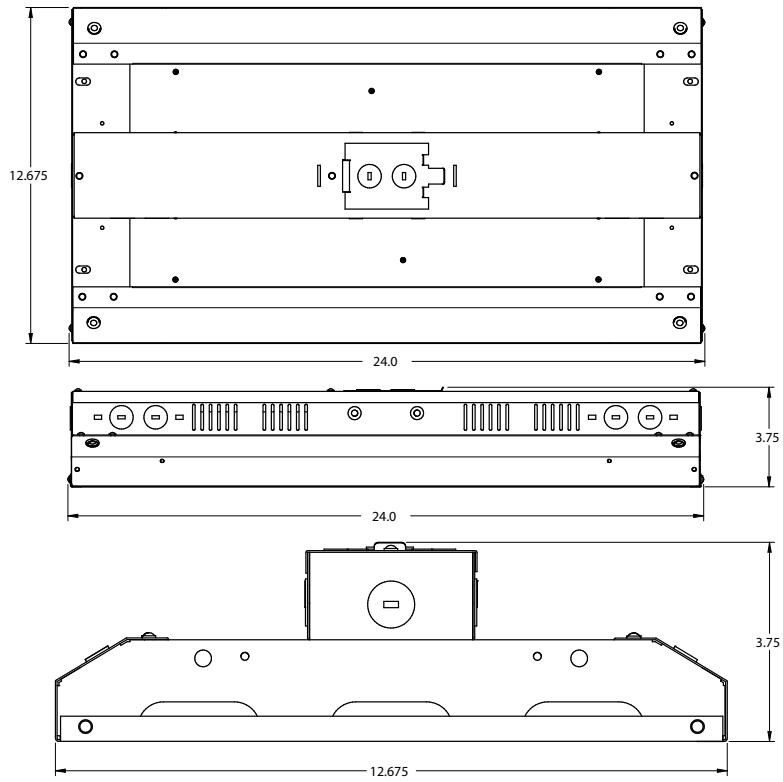
‡ Available for 321W & 425W only

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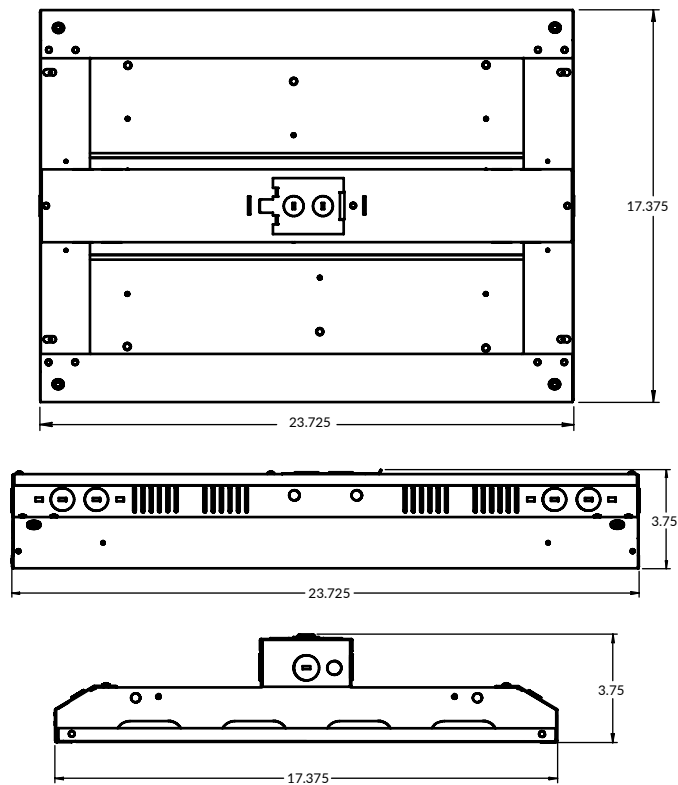
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LINE DRAWING

65W & 90W



135W

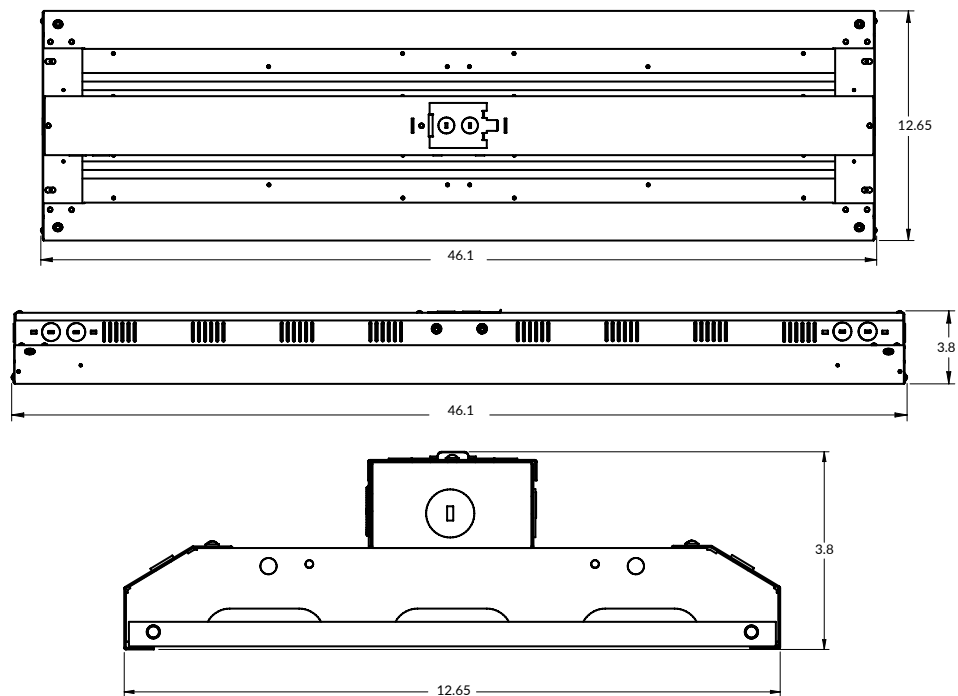


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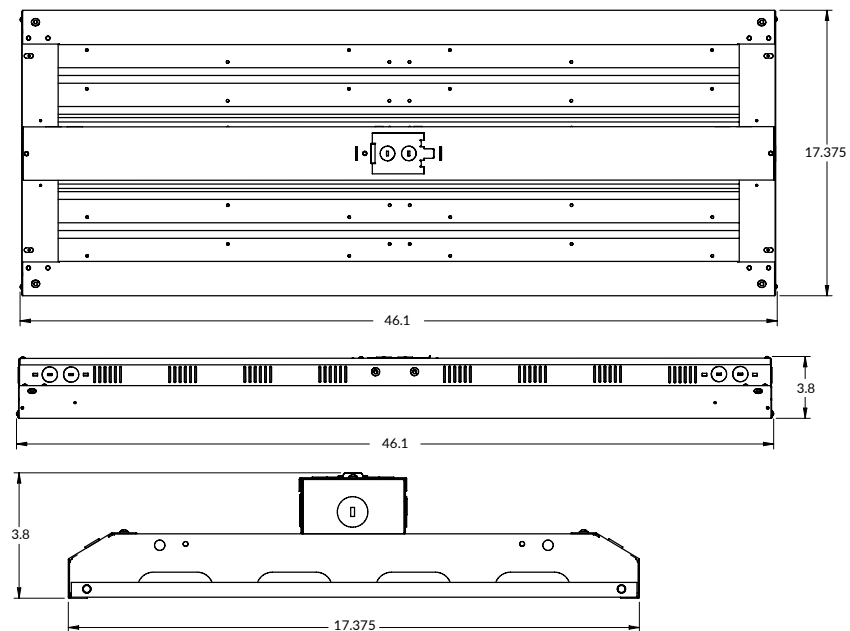
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LINE DRAWING

178W



265W

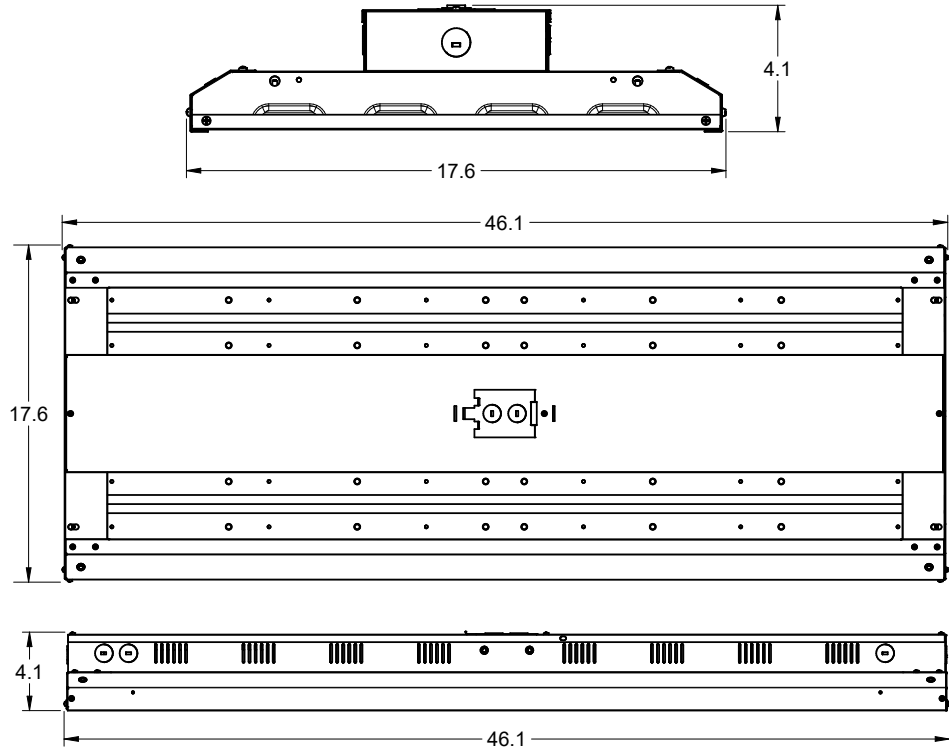


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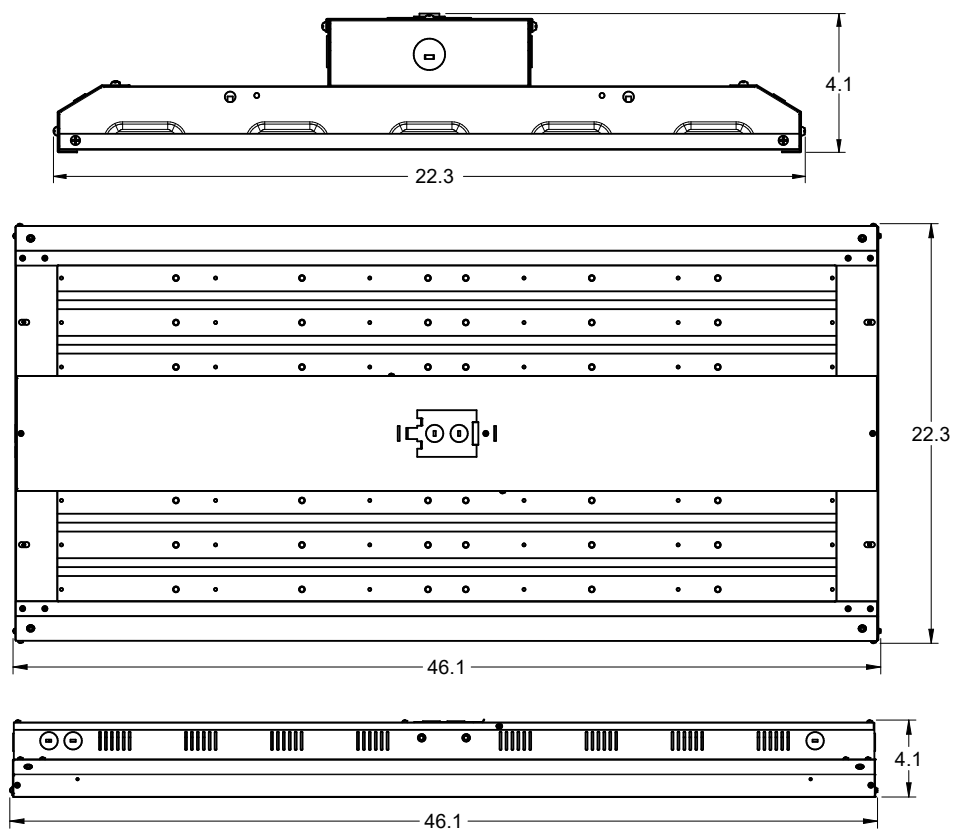
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LINE DRAWING

321W



425W

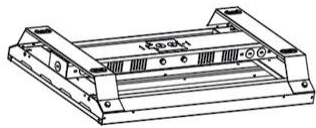


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MOUNTING OPTIONS

- **SMBKIT** - Surface Mount Bracket Kit. Provides a 2" space above the fixture.
- **HUB 3/4" CONDUIT** - Conduit Hub 3/4" for Pendant Mounting (Must use with CPMB)
- **HOOK** - Cast iron hook for Single Point Mounting (Must use with CPMB)
- **CPMB** - Center Point Mounting Box for single point mounting (requires HUB or HOOK)
- **HB-XX-18Y-PAD** - Includes two adjustable Y-Paddle cable hangers (60", 120", or 180")



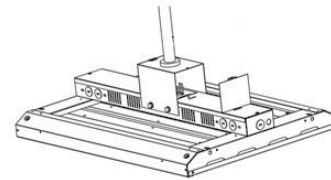
SMBKIT



HUB 3/4" CONDUIT



HOOK



CPMB



HB-XX-18Y-PAD

PHOTOMETRIC REPORTS

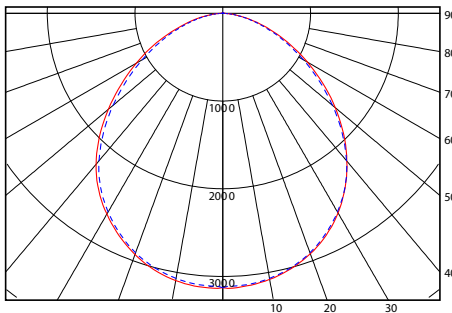
Photometric values based upon tests performed in compliance with LM-79. IES files can be downloaded at www.ilp-inc.com

HHB-65WLED-UNIV-50-FRL

SUMMARY DATA

| | |
|-------------------------|----------|
| HEMISPHERES TESTED: | BOTH |
| EFFICIENCY (Total): | 100.0% |
| EFFICIENCY (Downlight): | 99.7% |
| EFFICIENCY (Uplight): | 0.3% |
| CIE CLASSIFICATION: | DIRECT |
| LUMENS/LAMP: | 8053.017 |
| INPUT WATTS: | 62.9 |

PLANE AND CONE DIAGRAM

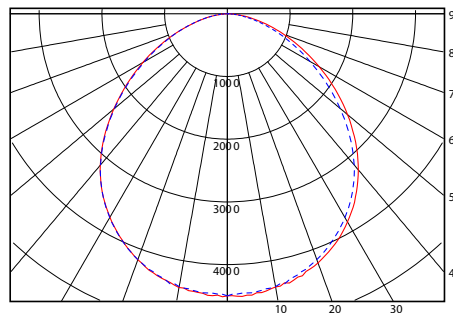


HHB-90WLED-UNIV-50-FRL

SUMMARY DATA

| | |
|-------------------------|----------|
| HEMISPHERES TESTED: | BOTH |
| EFFICIENCY (Total): | 100.0% |
| EFFICIENCY (Downlight): | 100.0% |
| EFFICIENCY (Uplight): | 0.0% |
| CIE CLASSIFICATION: | DIRECT |
| LUMENS/LAMP: | 11548.23 |
| INPUT WATTS: | 88.6 |

PLANE AND CONE DIAGRAM

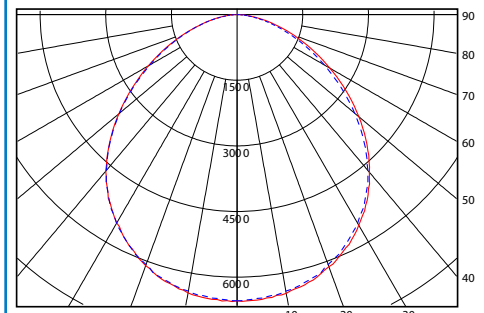


HHB-135WLED-UNIV-50-FRL

SUMMARY DATA

| | |
|-------------------------|----------|
| HEMISPHERES TESTED: | BOTH |
| EFFICIENCY (Total): | 100.0% |
| EFFICIENCY (Downlight): | 100.0% |
| EFFICIENCY (Uplight): | 0.0% |
| CIE CLASSIFICATION: | DIRECT |
| LUMENS/LAMP: | 17014.83 |
| INPUT WATTS: | 132.1 |

PLANE AND CONE DIAGRAM



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PHOTOMETRIC REPORTS

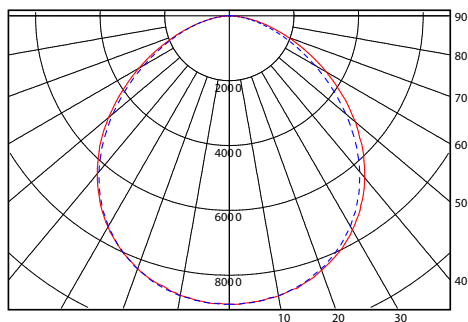
Photometric values based upon tests performed in compliance with LM-79. IES files can be downloaded at www.ilp-inc.com

HHB-178WLED-UNIV-50-FRL

SUMMARY DATA

| | |
|-------------------------|----------|
| HEMISPHERES TESTED: | BOTH |
| EFFICIENCY (Total): | 100.0% |
| EFFICIENCY (Downlight): | 100.0% |
| EFFICIENCY (Uplight): | 0.0% |
| CIE CLASSIFICATION: | DIRECT |
| LUMENS/LAMP: | 23220.44 |
| INPUT WATTS: | 176.9 |

PLANE AND CONE DIAGRAM



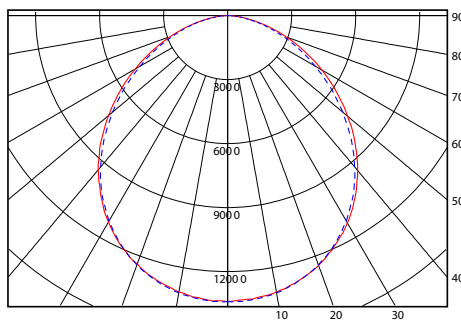
Totally Asymmetric Solid: 180-0 Degrees Dashed: 270-90 Degrees

HHB-265WLED-UNIV-50-FRL

SUMMARY DATA

| | |
|-------------------------|----------|
| HEMISPHERES TESTED: | BOTH |
| EFFICIENCY (Total): | 100.0% |
| EFFICIENCY (Downlight): | 100.0% |
| EFFICIENCY (Uplight): | 0.0% |
| CIE CLASSIFICATION: | DIRECT |
| LUMENS/LAMP: | 34789.05 |
| INPUT WATTS: | 266.1 |

PLANE AND CONE DIAGRAM



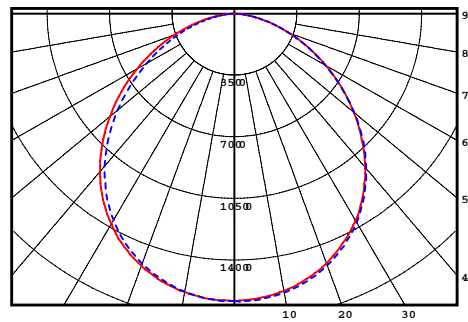
Totally Asymmetric Solid: 180-0 Degrees Dashed: 270-90 Degrees

HHB-321WLED-UNIV-50-FRL

SUMMARY DATA

| | |
|-------------------------|----------|
| HEMISPHERES TESTED: | BOTH |
| EFFICIENCY (Total): | 100.0% |
| EFFICIENCY (Downlight): | 100.0% |
| EFFICIENCY (Uplight): | 0.0% |
| CIE CLASSIFICATION: | DIRECT |
| LUMENS/LAMP: | 42674.31 |
| INPUT WATTS: | 318.2 |

PLANE AND CONE DIAGRAM



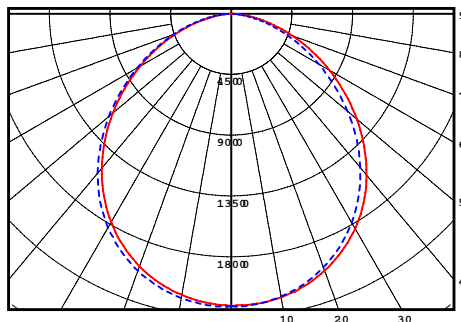
Totally Asymmetric Solid: 180-0 Degrees Dashed: 270-90 Degrees

HHB-425WLED-UNIV-50-FRL

SUMMARY DATA

| | |
|-------------------------|---------|
| HEMISPHERES TESTED: | BOTH |
| EFFICIENCY (Total): | 100.0% |
| EFFICIENCY (Downlight): | 100.0% |
| EFFICIENCY (Uplight): | 0.0% |
| CIE CLASSIFICATION: | DIRECT |
| LUMENS/LAMP: | 56661.9 |
| INPUT WATTS: | 421.1 |

PLANE AND CONE DIAGRAM



Totally Asymmetric Solid: 180-0 Degrees Dashed: 270-90 Degrees