Vigilant® LED High Bay
Technical Specifications

Mechanical Information:
- Fixture weight: 20 lb (9.1 kg)
- Shipping weight: 28 lb (11.8 kg)
- Mounting: 3/4" NPT or Hook
- Wiring box cable entries: (2x) 3/4" NPT

Integrated Pendant Wiring Box 100-277 VAC
Available with and without hook

Electrical Specifications:
- Operating voltage: 100-277 VAC
- Total system power consumption: See table
- Operating temp: -40°F to +149°F (-40°C to +65°C)
- Harmonics: IEC 61000-3-2
- Noise requirement/EMC: FCC Title 47, Subpart B, Section 15, class A device. RF Immunity; 10V/m, 80MHz-1GHz
- Transient protection: Protection devices capable of handling up to 10kV. Tested for 6kV/2 ohm combination wave, as per IEEE C62.41, line-line and line-ground
- THD: <20%
- Power factor: >0.9
- Fusing: Internal

Construction:
- Housing: Copper-free aluminum
- Finish: Superior dual coat finish
- Lens: See ordering information

Photometric Information:
- CRI: 80
- CCT: 5000K (cool white)
- 4000K (neutral white)
- 2700K (warm white)
- All values typical unless otherwise stated (tolerance +/- 10%)

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# Vigilant® LED High Bay

## Ordering Information

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### Certification
- U: UL 1598/A, CSA 22.2 No. 250

### Lens Material
- 2: Acrylic - Clear
- 4: Polycarbonate - Clear
- 5: Polycarbonate - Diffused
- 7: Glass - Clear
- L: Polycarbonate Dome - Diffused
- R: Power Wash Glass - Clear
- V: Power Wash Polycarbonate - Clear

### Beam Distribution
- E: Oval
- M: Medium
- N: Narrow
- W: Wide

### Operating Voltage
- A: 100-277 VAC / 120-250 VDC
- A’: 347-480 VAC Step Down Transformer (HE only)
- P: 480 VAC (HE passive only)
- Q: 347 VAC (HE passive only)

### Lumen Type
- A: 11,000 Lumens
- B: 14,000 Lumens
- C: 18,000 Lumens
- E: 27,000 Lumens

### Controls
- N: Non Dimming
- D: Dimming (0-10 VDC)
- M*: Occupancy Sensor

### Mounting Options
- H: Hook/Loop
- N: Pendant 3/4” NPT
- P: Pendant 3/4” NPT with Safety Retention Tabs
- R: Hook with Safety Retention Tabs

### Power Cable Length
- N: No Power Cable (HC & HW only)
- V: 6’ [1.8 meter] Power Cable
- W: 10’ [3 meter] Power Cable

### Electrical Accessories
- 3: Plug NEMA Type L5-15 (Non Dimmable)
- 4: Plug NEMA Type L5-20 (Non Dimmable)
- 6: Plug NEMA Type L6-15 (Non Dimmable)
- 7: Plug NEMA Type L6-20 (Non Dimmable)
- 8: Plug NEMA Type L7-15 (Non Dimmable)
- 9: Plug NEMA Type L7-20 (Non Dimmable)
- H: Connector Reloc OCS12010WH (Non Dimmable)
- J: Connector Reloc OCS20810WH (Non Dimmable)
- K: Connector Reloc OCS27710WH (Non Dimmable)
- N: Standard No Plug

### Coatings
- G: Gray (RAL 7040)
- O: Orange
- W: White

## Notes
1. Operating Voltage A - 347/480 VAC will ship with wiring box and transformers. Choose HE prefix for this option. For 480 VAC add 12W, for 347 VAC add 29W.
2. Lumen type based on using a glass lens. See tables for lumens when changing lenses on page 16-17.
3. When ordering factory installed occupancy sensor, use prefix HC for 100-277 VAC models, use prefix HE for 347/480 VAC models.
4. HC & HW prefixed models have the ability to add wireless & DALI controls
5. Passive only available with HE product code and medium optics. Not available with controls options or acrylic lens options.

Additional features and selections are available, please see the UL High Bay Technical Spec Sheet or your Dialight representative for more information.

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## Vigilant® LED High Bay

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Vigilant® LED High Bay
Dimensional Drawings

Integrated Pendant Wiring Box 100-277 VAC

Corded Models 100-277 VAC

Passive Power Supply 347 VAC, 480 VAC

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Dimensional Drawings

Wiring Box 347/480 VAC

Integrated Pendant Wiring Box with Occupancy Sensor 100-277 VAC

Integrated Hexagon Wiring Box 100-277 VAC

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Accessories

- HBXW3-SSL-316
  - Stainless steel bracket
- HBXW3-SSL-304
  - Stainless steel bracket

- HBXW3-SSL-304FT
  - 304 stainless steel forward throw bracket
- HBXW3-SSL-316FT
  - 316 stainless steel forward throw bracket

- HBXW2
  - Swivel bracket and cable gland
- HBXW3
  - Swivel bracket

- HBXGAB48
  - 48” long stainless steel safety rope (for use with safety retention tabs)

- HBXDC
  - 21° slope dust cover
- HBXDC45
  - 45° slope dust cover
- HBXDC60
  - 60° slope dust cover

- HBXOCC100277U
  - Occupancy sensor and balance weight kit
  - 100-277 VAC
- HBXOCC347480U
  - Occupancy sensor and balance weight kit
  - 347/480 VAC

- HBXG
  - Cable gland

- HBXSB
  - 316 stainless steel safety retention tabs (4x)

- HBXDUALBRCKT
  - Dual bracket

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Vigilant® LED High Bay

Accessories

HBXCU
- Ceiling / wall mount

HBXTH347480B
- Top hat with 347/480 VAC step down transformers
- Mounting:
  - 3/4" NPT - top
  - Wiring box cable: side entries: (4x) 3/4" NPT
- Add 12W for 480 VAC & 29W for 347 VAC applications

HBXFLAG-Y
- Yellow aluminum

HBXFLAG-O
- Orange aluminum

HBXLENPC
- Tempered glass - clear

HBXLENAC
- Polycarbonate lens - clear

HBXLENPD
- Acrylic lens - clear

HBXLENAD
- Polycarbonate lens - diffused

HBXLENGD
- Acrylic lens - diffused

HBXLENGD
- Tempered glass - diffused

HBXREF16
- Acrylic reflector

H6X-H
- Hook option for 347/480 VAC transformer models

HLXW2-SS
- 316 stainless steel swivel bracket and cable gland

HLXW3-SS
- 316 stainless steel swivel bracket

LBXLENP
- Polycarbonate dome lens replacement

HBXFSIRREMOTE
- Remote for occupancy sensor

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