

Vigilant® LED High Bay - UL / CSA

Corded Model & Integrated Wiring Box Model - 100-277 VAC

Corded Model



Mechanical Information:

Fixture weight:

18 lb (8.2 kg)

Shipping weight:

24 lb (10.9 kg)

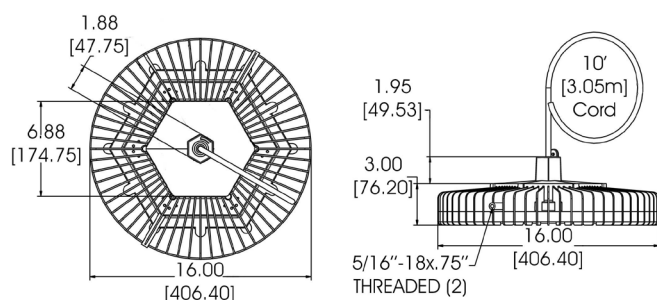
Mounting:

3/4" NPT - top
Various Kits

Power Cord:

10' 18 AWG STOOV

Patent pending



Integrated Wiring Box Model



Mechanical Information:

Fixture weight:

20 lb (9.1 kg)

Shipping weight:

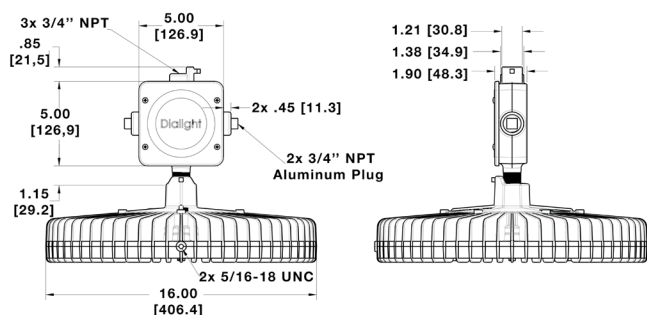
26 lb (11.8 kg)

Mounting:

3/4" NPT or Hook

Wiring Box Cable Entries:

(2x) 3/4" NPT



Dimensions in inches [mm]

Certifications & Ratings:

UL 1598/A (wet locations) CSA C22.2 No. 250
 NEMA 4X IP66/67
 L70 rated for >150,000 hours

Variable Dimming:

Variable Dimming Control: 0-10 VDC

Dimming Range:

10 VDC = 100% light output
 0 VDC = <5% light output

Occupancy Sensor:

Mounting Height: Up to 40ft

Ingress Protection:

IP66

Electrical Specifications:

Operating Voltage:

100-277 VAC
 120-250 VDC

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 10kv/2 ohm combination wave, as per IEEE C62.41, line-line and line ground

THD:

<20%

Power Factor:

>0.9

Cabling:

STOOV 1.02mm 18 AWG

Fusing:

Internal

Construction:

Housing:

Copper-free aluminum

Finish:

Superior dual coat finish
 - Sealed polyester topcoat
 - Chemical-resistant epoxy primer

Lens:

See table

Photometric Information:

CRI:

80

CCT:

5000K (cool white)
 4000K (neutral white)

All values typical unless otherwise stated (tolerance +/- 10%)

Vigilant® LED High Bay - UL / CSA

Corded & Integrated Wiring Box - 100-277 VAC



Project Information			Specifications	
Part Number:				
Project:				
Fixture Type:		Date:		

Ordering Information

Product Code	Cert.	Lens Material	Beam Dist.	CCT & CRI	Oper. Voltage	Lumen Type	Controls	Mounting Options	Power Cable	Elect. Access.	Coatings	No Option	

Product Code		Beam Distribution		Lumen Type		Power Cable	
HC	High Bay Integrated Pendant Wiring Box	E	Oval	A	11,000 Lumens	N	No Cord (HC only)
HE	High Bay 3/4" NPT	M	Medium	B	14,000 Lumens	W	10' [3 meter] Power Cable (HE only)
		N	Narrow	C	18,000 Lumens		
		W	Wide	E	26,000 Lumens		
Certification		CCT & CRI		Controls		Electrical Accessories	
U	UL 1598/A, CSA	C	Cool White 5000K - 80 CRI	D	Dimming (0-10V)	N	No Plug
		N	Neutral White 4000K - 80 CRI	N	No Option (HE only)		
				M	Occupancy Sensor (HC only)		
Lens Material		Operating Voltage		Mounting Options		Coatings	
2	Acrylic - Clear	2	100-277 VAC / 120-250 VDC	H	Hook	G	Gray (RAL 7040)
4	Polycarbonate - Clear			N	Pendant 3/4" NPT		
7	Glass - Clear			P	Pendant 3/4" NPT with Safety Retention Tabs		
L	Polycarbonate Dome - Diffused			R	Safety Retention Tabs with Hook	Option	
R	Power Wash Glass, Clear					N	No Option

Notes
1) Lumen type based on using a glass lens. See tables for lumens when changing lenses.
2) When ordering occupancy sensor, use prefix HC.

Ordering Information

Vigilant® LED High Bay - Corded Model



Cord Model - 3/4" Conduit - 100-277 VAC

Part Number	Lumens	Wattage	lm/W	CCT	Lens	Beam Distribution	Controls Option	Hardware Options	Wiring
HEU-7MC2-ENNW-NGN	26,250	186	141	CW	Glass - Clear	Medium	No controls	Pendant 3/4" NPT	10' Power Cable
HEU-7MC2-ENPW-NGN	26,250	186	141	CW	Glass - Clear	Medium	No controls	Pendant 3/4" NPT with Safety Tabs	10' Power Cable
HEU-7WC2-ENNW-NGN	26,250	186	141	CW	Glass - Clear	Wide	No controls	Pendant 3/4" NPT	10' Power Cable
HEU-RMC2-ENNW-NGN	26,250	186	141	CW	Power Wash Glass - Clear	Medium	No controls	Pendant 3/4" NPT	10' Power Cable
HEU-7WC2-ENPW-NGN	26,250	186	141	CW	Glass - Clear	Wide	No controls	Pendant 3/4" NPT with Safety Tabs	10' Power Cable
HEU-7MN2-ENNW-NGN	25,250	186	136	NW	Glass - Clear	Medium	No controls	Pendant 3/4" NPT	10' Power Cable
HEU-4MC2-ENNW-NGN	25,250	186	136	CW	Polycarbonate - Clear	Medium	No controls	Pendant 3/4" NPT	10' Power Cable
HEU-2MC2-ENNW-NGN	25,250	186	136	CW	Acrylic - Clear	Medium	No controls	Pendant 3/4" NPT	10' Power Cable
HEU-LMC2-ENPW-NGN	24,500	186	132	CW	Polycarbonate Dome - Diffused	Medium	No controls	Pendant 3/4" NPT with Safety Tabs	10' Power Cable
HEU-LMC2-ENNW-NGN	24,500	186	132	CW	Polycarbonate Dome - Diffused	Medium	No controls	Pendant 3/4" NPT	10' Power Cable
HEU-7MC2-CNNW-NGN	19,500	129	151	CW	Glass - Clear	Medium	No controls	Pendant 3/4" NPT	10' Power Cable
HEU-7WC2-CNNW-NGN	19,500	129	151	CW	Glass - Clear	Wide	No controls	Pendant 3/4" NPT	10' Power Cable
HEU-7MC2-CNPW-NGN	19,500	129	151	CW	Glass - Clear	Medium	No controls	Pendant 3/4" NPT with Safety Tabs	10' Power Cable
HEU-7WC2-CNVW-NGN	19,500	129	151	CW	Glass - Clear	Wide	No controls	Safety Bracket w/ SS 316 Forward Throw Bracket	10' Power Cable
HEU-4MC2-CNNW-NGN	18,750	129	145	CW	Polycarbonate - Clear	Medium	No controls	Pendant 3/4" NPT	10' Power Cable
HEU-7MN2-CNNW-NGN	18,750	129	145	NW	Glass - Clear	Medium	No controls	Pendant 3/4" NPT	10' Power Cable
HEU-LMC2-CNNW-NGN	18,000	129	140	CW	Polycarbonate Dome - Diffused	Medium	No controls	Pendant 3/4" NPT	10' Power Cable
HEU-7MC2-BNNW-NGN	14,250	102	140	CW	Glass - Clear	Medium	No controls	Pendant 3/4" NPT	10' Power Cable
HEU-7WC2-BNNW-NGN	14,250	102	140	CW	Glass - Clear	Wide	No controls	Pendant 3/4" NPT	10' Power Cable
HEU-7MN2-BNNW-NGN	13,750	102	135	NW	Glass - Clear	Medium	No controls	Pendant 3/4" NPT	10' Power Cable
HEU-4MC2-BNNW-NGN	13,750	102	135	CW	Polycarbonate - Clear	Medium	No controls	Pendant 3/4" NPT	10' Power Cable
HEU-LMC2-BNPW-NGN	13,250	102	130	CW	Polycarbonate Dome - Diffused	Medium	No controls	Pendant 3/4" NPT with Safety Tabs	10' Power Cable
HEU-LMC2-BNNW-NGN	13,250	102	130	CW	Polycarbonate Dome - Diffused	Medium	No controls	Pendant 3/4" NPT	10' Power Cable
HEU-7MC2-ANNW-NGN	11,250	80	141	CW	Glass - Clear	Medium	No controls	Pendant 3/4" NPT	10' Power Cable
HEU-7WC2-ANNW-NGN	11,250	80	141	CW	Glass - Clear	Wide	No controls	Pendant 3/4" NPT	10' Power Cable
HEU-LMC2-ANNW-NGN	10,250	80	128	CW	Polycarbonate Dome - Diffused	Medium	No controls	Pendant 3/4" NPT	10' Power Cable
HEU-4MC2-ANNW-NGN	10,750	80	134	CW	Polycarbonate - Clear	Medium	No controls	Pendant 3/4" NPT	10' Power Cable
HEU-2MC2-ANNW-NGN	10,750	80	134	CW	Acrylic - Clear	Medium	No controls	Pendant 3/4" NPT	10' Power Cable
HEU-LWC2-ANNW-NGN	10,250	80	128	CW	Polycarbonate Dome - Diffused	Wide	No controls	Pendant 3/4" NPT	10' Power Cable

All values typical unless otherwise stated (tolerance +/- 10%)

0-10V dimming option available for products in the above table. Replace the ninth character **N** with **D**. Ex: HEU-7MC2-~~EN~~NW-NGN becomes HEU-7MC2-**ED**NW-NGN. See ordering chart for additional options.

When ordering please refer our website www.dialight.com to view the current versions of all relevant product documentation, including the most up to date product data sheets.

For the avoidance of doubt, in the event of any discrepancy between the contents of this document and information provided on our website, the information provided on our website shall prevail.