

.....Dialight



Dialight® LED High Bay

Technical Specification Sheet - UL

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)

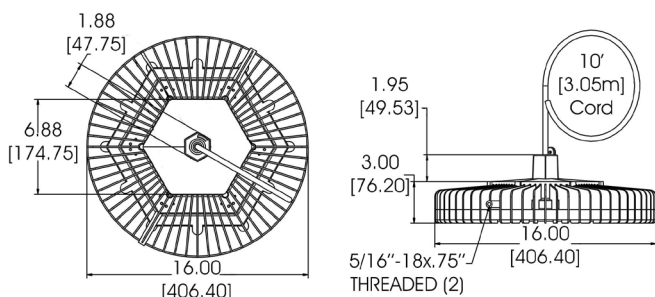
Mounting:

3/4" NPT - top
Various Kits

Power Cord:

10' 18 AWG ST00W

Patent pending



Integrated Wiring Box Model



Mechanical Information:

Fixture weight:

20 lb (9.1 kg)

Shipping weight:

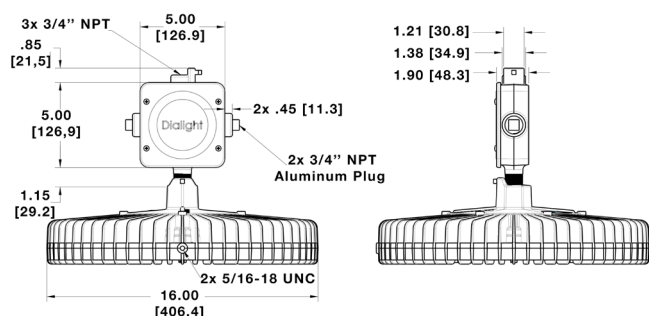
26 lb (11.8 kg)

Mounting:

3/4" NPT or Hook

Wiring Box Cable Entries:

(2x) 3/4" NPT



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:

ST00W 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

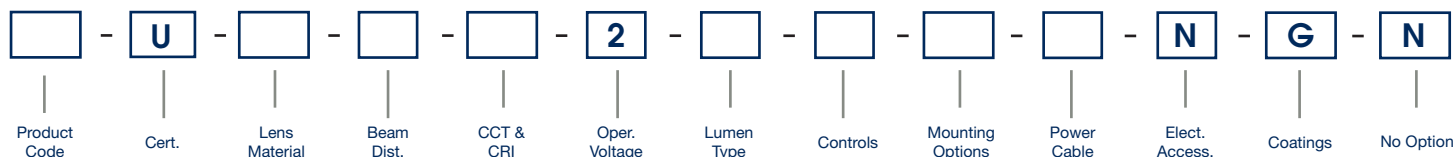
Corded & Integrated Wiring Box - 100-277 VAC



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

Specifications

Ordering Information



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



Corded 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	27,000	212	127	CW	Glass - Clear	Medium	No controls	Pendant 3/4" NPT	10' Power Cable
HEU-7MC2-ENPW-NGN	27,000	186	145	CW	Glass - Clear	Medium	No controls	Pendant 3/4" NPT with Safety Tabs	10' Power Cable
HEU-7WC2-ENNW-NGN	27,000	186	145	CW	Glass - Clear	Wide	No controls	Pendant 3/4" NPT	10' Power Cable
HEU-RMC2-ENNW-NGN	27,000	186	145	CW	Power Wash Glass - Clear	Medium	No controls	Pendant 3/4" NPT	10' Power Cable
HEU-7WC2-ENPW-NGN	27,000	186	145	CW	Glass - Clear	Wide	No controls	Pendant 3/4" NPT with Safety Tabs	10' Power Cable
HEU-7MN2-ENNW-NGN	26,000	186	140	NW	Glass - Clear	Medium	No controls	Pendant 3/4" NPT	10' Power Cable
HEU-4MC2-ENNW-NGN	25,500	186	137	CW	Polycarbonate - Clear	Medium	No controls	Pendant 3/4" NPT	10' Power Cable
HEU-2MC2-ENNW-NGN	25,500	186	137	CW	Acrylic - Clear	Medium	No controls	Pendant 3/4" NPT	10' Power Cable
HEU-LMC2-ENPW-NGN	25,000	186	134	CW	Polycarbonate Dome - Diffused	Medium	No controls	Pendant 3/4" NPT with Safety Tabs	10' Power Cable
HEU-LMC2-ENNW-NGN	23,250	212	110	CW	Polycarbonate Dome - Diffused	Medium	No controls	Pendant 3/4" NPT	10' Power Cable
HEU-7MC2-CNNW-NGN	19,500	144	135	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	18,500	129	143	CW	Polycarbonate - Clear	Medium	No controls	Pendant 3/4" NPT	10' Power Cable
HEU-7MN2-CNNW-NGN	18,500	129	143	NW	Glass - Clear	Medium	No controls	Pendant 3/4" NPT	10' Power Cable
HEU-LMC2-CNNW-NGN	17,000	144	118	CW	Polycarbonate Dome - Diffused	Medium	No controls	Pendant 3/4" NPT	10' Power Cable
HEU-7MC2-BNNW-NGN	14,000	112	125	CW	Glass - Clear	Medium	No controls	Pendant 3/4" NPT	10' Power Cable
HEU-7WC2-BNNW-NGN	14,000	102	137	CW	Glass - Clear	Wide	No controls	Pendant 3/4" NPT	10' Power Cable
HEU-7MN2-BNNW-NGN	13,500	102	132	NW	Glass - Clear	Medium	No controls	Pendant 3/4" NPT	10' Power Cable
HEU-4MC2-BNNW-NGN	13,000	102	127	CW	Polycarbonate - Clear	Medium	No controls	Pendant 3/4" NPT	10' Power Cable
HEU-LMC2-BNPW-NGN	13,000	102	127	CW	Polycarbonate Dome - Diffused	Medium	No controls	Pendant 3/4" NPT with Safety Tabs	10' Power Cable
HEU-LMC2-BNNW-NGN	12,250	112	109	CW	Polycarbonate Dome - Diffused	Medium	No controls	Pendant 3/4" NPT	10' Power Cable
HEU-7MC2-ANNW-NGN	11,000	88	125	CW	Glass - Clear	Medium	No controls	Pendant 3/4" NPT	10' Power Cable
HEU-7WC2-ANNW-NGN	11,000	80	138	CW	Glass - Clear	Wide	No controls	Pendant 3/4" NPT	10' Power Cable
HEU-LMC2-ANNW-NGN	10,500	88	119	CW	Polycarbonate Dome - Diffused	Medium	No controls	Pendant 3/4" NPT	10' Power Cable
HEU-4MC2-ANNW-NGN	10,500	80	131	CW	Polycarbonate - Clear	Medium	No controls	Pendant 3/4" NPT	10' Power Cable
HEU-2MC2-ANNW-NGN	10,500	80	131	CW	Acrylic - Clear	Medium	No controls	Pendant 3/4" NPT	10' Power Cable
HEU-LWC2-ANNW-NGN	10,000	80	125	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.

Ordering Information

Vigilant® LED High Bay - Integrated Wiring Box Model



Integrated Wiring Box Model - 100-277 VAC									
Part Number	Lumens	Wattage	lm/W	CCT	Lens	Beam Distribution	Controls Option	Hardware Options	Wiring
HCU-7MC2-EDNN-NGN	27,000	186	145	CW	Glass - Clear	Medium	Dimming	Pendant 3/4" NPT	Junction box
HCU-7MC2-EMNN-NGN	27,000	186	145	CW	Glass - Clear	Medium	Occupancy Sensor	Pendant 3/4" NPT	Junction box
HCU-LMC2-EMNN-NGN	25,000	186	134	CW	Polycarbonate Dome - Diffused	Medium	Occupancy Sensor	Pendant 3/4" NPT	Junction box
HCU-LMC2-EDNN-NGN	24,500	186	132	CW	Polycarbonate Dome - Diffused	Medium	Dimming	Pendant 3/4" NPT	Junction box
HCU-7MC2-CMNW-NGN	19,500	129	151	CW	Glass - Clear	Medium	Occupancy Sensor	Pendant 3/4" NPT	Junction box with 10' Power Cable
HCU-7MC2-CDNN-NGN	19,500	129	151	CW	Glass - Clear	Medium	Dimming	Pendant 3/4" NPT	Junction box
HCU-7MC2-CMNN-NGN	19,500	129	151	CW	Glass - Clear	Medium	Occupancy Sensor	Pendant 3/4" NPT	Junction box
HCU-4WC2-CMPW-NGN	18,750	129	145	CW	Polycarbonate - Clear	Wide	Occupancy Sensor	Pendant 3/4" NPT with Safety Tabs	Junction box with 10' Power Cable
HCU-LMC2-CDNN-NGN	18,000	129	140	CW	Polycarbonate Dome - Diffused	Medium	Dimming	Pendant 3/4" NPT	Junction box
HCU-LMC2-CMNN-NGN	18,000	129	140	CW	Polycarbonate Dome - Diffused	Medium	Occupancy Sensor	Pendant 3/4" NPT	Junction box
HCU-7EC2-BMNW-NGN	14,250	102	140	CW	Glass - Clear	Oval	Occupancy Sensor	Pendant 3/4" NPT	Junction box with 10' Power Cable
HCU-7MC2-BDNN-NGN	14,250	102	140	CW	Glass - Clear	Medium	Dimming	Pendant 3/4" NPT	Junction box
HCU-7MC2-BMNN-NGN	14,000	102	137	CW	Glass - Clear	Medium	Occupancy Sensor	Pendant 3/4" NPT	Junction box
HCU-LMC2-BDNN-NGN	13,250	102	130	CW	Polycarbonate Dome - Diffused	Medium	Dimming	Pendant 3/4" NPT	Junction box
HCU-LMC2-BMNN-NGN	13,000	102	127	CW	Polycarbonate Dome - Diffused	Medium	Occupancy Sensor	Pendant 3/4" NPT	Junction box
HCU-7MC2-ADNN-NGN	11,250	80	141	CW	Glass - Clear	Medium	Dimming	Pendant 3/4" NPT	Junction box
HCU-7MC2-AMNN-NGN	11,000	80	138	CW	Glass - Clear	Medium	Occupancy Sensor	Pendant 3/4" NPT	Junction box
HCU-4MC2-AMPW-NGN	10,750	80	134	CW	Polycarbonate - Clear	Medium	Occupancy Sensor	Pendant 3/4" NPT with Safety Tabs	Junction box with 10' Power Cable
HCU-LMC2-ADNN-NGN	10,000	80	125	CW	Polycarbonate Dome - Diffused	Medium	Dimming	Pendant 3/4" NPT	Junction box
HCU-LMC2-AMNN-NGN	10,000	80	125	CW	Polycarbonate Dome - Diffused	Medium	Occupancy Sensor	Pendant 3/4" NPT	Junction box

All values typical unless otherwise stated (tolerance +/- 10%)
See ordering chart for additional options.

Vigilant® LED High Bay - UL / CSA

Wiring Box Model & Passive Power Supply Model - 347/480 VAC

Wiring Box Model - 347-480 VAC



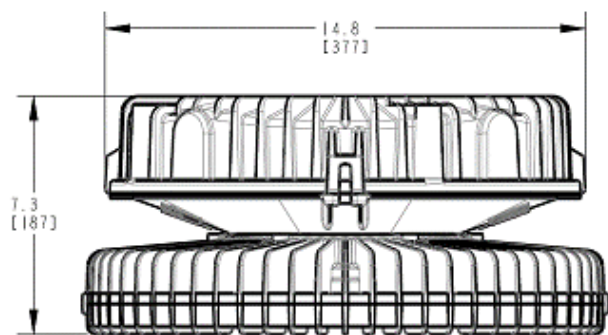
Mechanical Information:

Fixture weight:
34 lb (15.4 kg)

Shipping weight:
39 lb (17.7 kg)

Mounting:
3/4" NPT - top
Various Kits

Wiring Box Cable Entries:
(4x) 3/4" NPT



Passive Power Supply Model - 347 or 480 VAC



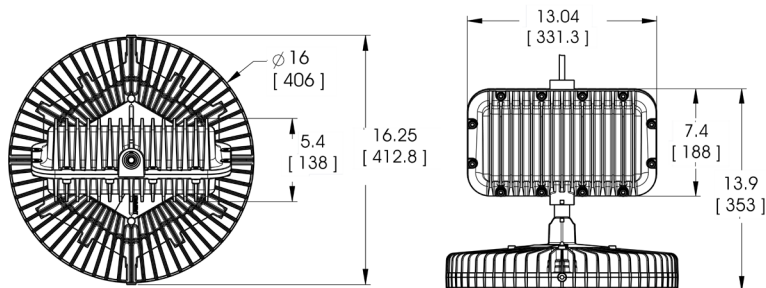
Mechanical Information:

Fixture weight:
40 lb (18.1 kg)

Shipping weight:
45 lb (20.4 kg)

Mounting:
3/4" NPT - top
Various Kits

Power cord:
10' 18 AWG ST00W
Patent pending



Certifications & Ratings:

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

Variable Dimming:

Variable Dimming Control: 0-10 VDC

Occupancy Sensor:

Mounting Height: Up to 40ft

Ingress Protection: IP66

Electrical Specifications:

Operating Voltage: 347/480 VAC
347 or 480 VAC (Passive only)

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

Fusing: Internal

Construction:

Housing: Copper-free aluminum

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

Lens: See table

Photometric Information:

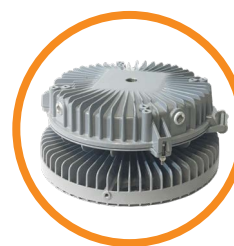
CRI: 80

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

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

Vigilant® LED High Bay - UL / CSA

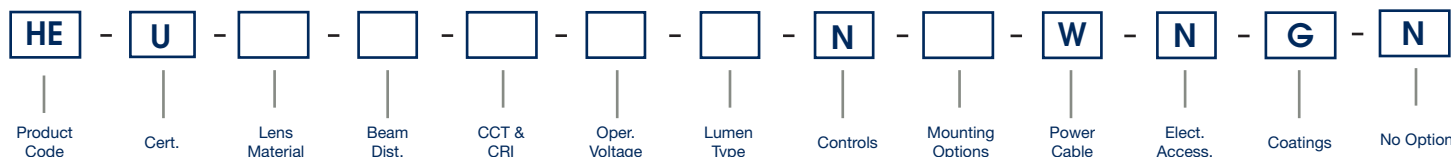
Wiring Box & Passive Power Supply - 347/480 VAC



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

Specifications

Ordering Information



Product Code

HE High Bay Wiring Box

Beam Distribution

E Oval (Voltage option **A** only)
M Medium
N Narrow (Voltage option **A** only)
W Wide (Voltage option **A** only)

Lumen Type

A 11,000 Lumens
B 14,000 Lumens
C 18,000 Lumens
E 26,000 Lumens

Power Cable

W 10' (3 meter) Power Cable

Certification

U UL 1598/A, CSA

CCT & CRI

C Cool White 5000K - 80 CRI
N Neutral White 4000K - 80 CRI

Controls

N No Option

Electrical Accessories

N No Plug

Lens Material

2 Acrylic - Clear (Voltage **A** only)
4 Polycarbonate - Clear
7 Glass - Clear
L Polycarbonate Dome - Diffused
R Power Wash Glass, Clear

Operating Voltage

A 347-480 VAC Step Down Transformer
P 480 VAC Passive
Q 347 VAC Passive

Mounting Options

H Hook (Voltage option **P, Q** only)
N Pendant 3/4" NPT
P Pendant 3/4" NPT with Safety Retention Tabs
R Safety Retention Tabs with Hook

Coatings

G Gray (RAL 7040)

Option

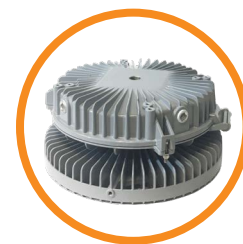
N No Option

Notes

- 1) Lumen type based on using a glass lens. See tables for lumens when changing lenses.
- 2) When ordering Operating Voltage **A**, Mounting Option = (**N**) Pendant 3/4" NPT.
- 3) Passive voltage options **P, Q** must be (**M**) Medium beam distribution.

Ordering Information

Vigilant® LED High Bay - Wiring Box Model



Wiring Box Model - 347/480 VAC									
Part Number	Lumens	Wattage	lm/W	CCT	Lens	Beam Distribution	Controls Option	Hardware Options	Wiring
HEU-7MCA-ENNW-NGN	27,000	206	131	CW	Glass - Clear	Medium	No controls	Pendant 3/4" NPT	10' Power Cable

All values typical unless otherwise stated (tolerance +/- 10%)
See ordering chart for additional options.

Ordering Information

Vigilant® LED High Bay - Passive Power Supply Model



Passive Power Supply Model - 347 or 480 VAC									
Part Number	Lumens	Wattage	lm/W	CCT	Lens	Beam Distribution	Controls Option	Hardware Options	Wiring
HEU-7MCP-ENNW-NGN	27,000	206	131	CW	Glass - Clear	Medium	No controls	Pendant 3/4" NPT	10' Power Cable
HEU-7MCP-CNNW-NGN	18,000	129	140	CW	Glass - Clear	Medium	No controls	Pendant 3/4" NPT	10' Power Cable
HEU-7MCP-BNNW-NGN	14,250	116	123	CW	Glass - Clear	Medium	No controls	Pendant 3/4" NPT	10' Power Cable
HEU-7MCP-ANNW-NGN	11,250	73	154	CW	Glass - Clear	Medium	No controls	Pendant 3/4" NPT	10' Power Cable

All values typical unless otherwise stated (tolerance +/- 10%)
See ordering chart for additional options.

Vigilant® LED Low Bay - UL / CSA

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

Corded Model



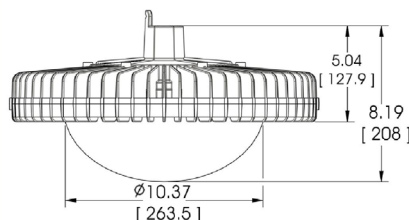
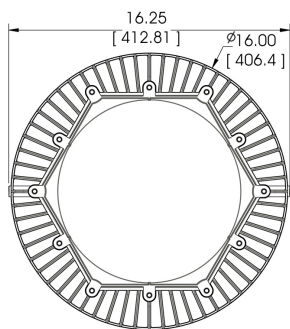
Mechanical Information:

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 ST00W



Integrated Wiring Box Model



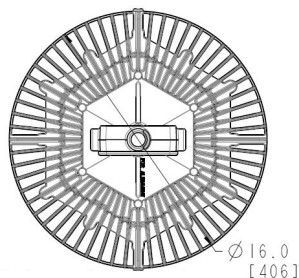
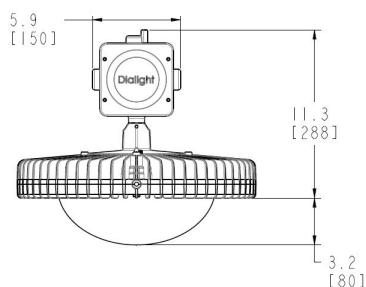
Mechanical Information:

Fixture weight:
20 lb (9.1 kg)

Shipping weight:
26 lb (11.8 kg)

Mounting:
3/4" NPT or Hook
Various Kits

Wiring Box Cable Entries:
(2x) 3/4" NPT



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: 6K-18k lm models: <20%
4k lm models: <30%

Power Factor: >0.9

Cabling: ST00W 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 Low Bay - UL / CSA

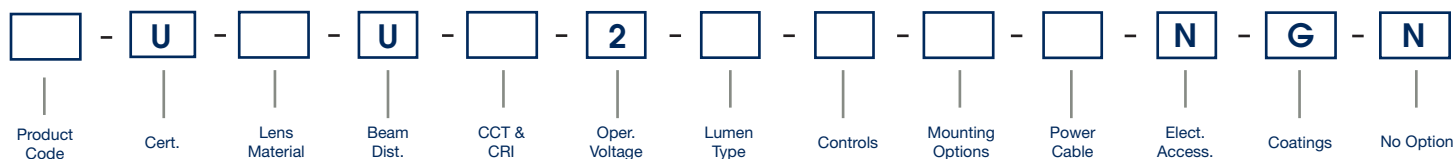
Corded & Integrated Wiring Box - 100-277 VAC



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

Specifications

Ordering Information



Product Code

LC Low Bay Integrated Wiring Box

LE Low Bay

Certification

U UL 1598/A

Lens Material

2 Acrylic - Clear

3 Acrylic - Diffused

4 Polycarbonate - Clear

5 Polycarbonate - Diffused

L Power Dome - Diffused

Beam Distribution

U Ultra Wide

CCT & CRI

C Cool White 5000K - 80 CRI

N Neutral White 4000K - 80 CRI

Operating Voltage

2 100-277 VAC / 120-250 VDC

Lumen Type

4 4,000 Lumens

6 6,000 Lumens

9 9,000 Lumens

B 14,000 Lumens

C 18,000 Lumens

Controls

D Dimming (0-10V)

M Occupancy Sensor (LC only)

N No Option (LE only)

Mounting Options

H Hook

N Pendant 3/4" NPT

P Pendant 3/4" NPT with Safety Retention Tabs

R Safety Retention Tabs with Hook

Power Cable

N No Cord (LC only)

W 10' [3 meter] Power Cable (LE only)

Electrical Accessories

N No Plug

Coatings

G Gray (RAL 7040)

Option

N No Option

Notes

- 1) Lumen type based on using a polycarbonate dome lens. See tables for lumens when changing lenses.
- 2) When ordering occupancy sensor, use prefix LC.

Ordering Information

Vigilant® LED Low Bay - Corded Model



Corded Model - 3/4" Conduit - 100-277 VAC									
Part Number	Lumens	Wattage	lm/W	CCT	Lens	Beam Distribution	Controls Option	Hardware Options	Power Cable
LEU-LUC2-9NNW-NGN	9000	80	113	CW	Polycarbonate Dome - Diffused	Ultra Wide	No controls	Pendant 3/4" NPT	10' Power Cable
LEU-LUC2-9NPW-NGN	9000	80	113	CW	Polycarbonate Dome - Diffused	Ultra Wide	No controls	Pendant 3/4" NPT with Safety Tabs	10' Power Cable
LEU-LUN2-9NNW-NGN	8750	80	109	NW	Polycarbonate Dome - Diffused	Ultra Wide	No controls	Pendant 3/4" NPT	10' Power Cable
LEU-LUC2-6NNW-NGN	6000	56	107	CW	Polycarbonate Dome - Diffused	Ultra Wide	No controls	Pendant 3/4" NPT	10' Power Cable
LEU-LUN2-6NNW-NGN	5800	56	104	NW	Polycarbonate Dome - Diffused	Ultra Wide	No controls	Pendant 3/4" NPT	10' Power Cable
LEU-LUC2-4NNW-NGN	4000	42	95	CW	Polycarbonate Dome - Diffused	Ultra Wide	No controls	Pendant 3/4" NPT	10' Power Cable
LEU-LUN2-4NNW-NGN	3900	42	93	NW	Polycarbonate Dome - Diffused	Ultra 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: LEU-LUC2-9**N**NW-NGN becomes LEU-LUC2-9**D**NW-NGN. See ordering chart for additional options.

Ordering Information

Vigilant® LED Low Bay - Integrated Wiring Box Model



Integrated Wiring Box Model - 100-277 VAC									
Part Number	Lumens	Wattage	lm/W	CCT	Lens	Beam Distribution	Controls Option	Hardware Options	Power Cable
LCU-LUC2-9DNW-NGN	9000	80	113	CW	Polycarbonate Dome - Diffused	Ultra Wide	Dimming	Pendant 3/4" NPT	10' Power Cable
LCU-LUC2-6MNW-NGN	6000	56	107	CW	Polycarbonate Dome - Diffused	Ultra Wide	Occupancy Sensor	Pendant 3/4" NPT	10' Power Cable
LCU-LUC2-4MNW-NGN	4000	42	95	CW	Polycarbonate Dome - Diffused	Ultra Wide	Occupancy Sensor	Pendant 3/4" NPT	10' Power Cable

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

See ordering chart for additional options.

Vigilant® LED Low Bay - UL / CSA

Wiring Box Model - 347-480 VAC



Mechanical Information:

Fixture weight:

34 lb (15.4 kg)

Shipping weight:

39 lb (17.7 kg)

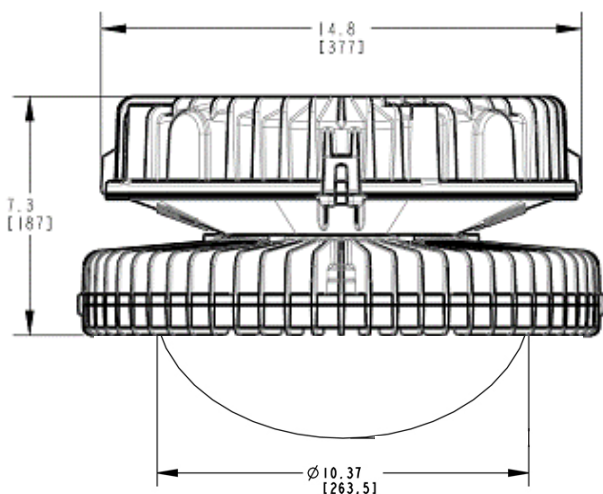
Mounting:

3/4" NPT - top

Various Kits

Wiring Box Cable Entries:

(4x) 3/4" NPT



Certifications & Ratings:

UL 1598/A (wet locations) CSA C22.2 No. 250

NEMA 4X IP66

L70

rated for >150,000 hours

UL

844 CID2 models available (consult factory)

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:

347-480 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 10kv/2 ohm combination wave, as per IEEE C62.41, line-line and line ground

THD:

6K-18k lm models: <20%

4k lm models: <30%

Power Factor:

>0.9

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:

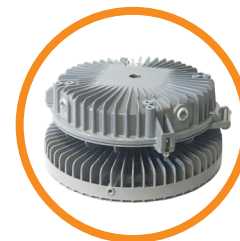
5000K (cool white)

4000K (neutral white)

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

Vigilant® LED Low Bay - UL / CSA

Wiring Box



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

Specifications

Ordering Information

LE	-	U	-	L	-	U	-		-	A	-		-		-		-	W	-	N	-	G	-	N
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

LE Low Bay Wiring Box

Beam Distribution

U Ultra Wide

Lumen Type

4 4,000 Lumens

6 6,000 Lumens

9 9,000 Lumens

B 14,000 Lumens

C 18,000 Lumens

Power Cable

W 10' (3 meter) Power Cable

Certification

U UL 1598/A, CSA

CCT & CRI

C Cool White 5000K - 80 CRI

N Neutral White 4000K - 80 CRI

Electrical Accessories

N No Plug

Lens Material

L Polycarbonate Dome - Diffused

Controls

D Dimming

N No Option

Coatings

G Gray (RAL 7040)

Operating Voltage

A 347/480 VAC Step Down Transformer

Mounting Options

H Hook

N Pendant 3/4" NPT

P Pendant 3/4" NPT with Safety Retention Tabs

R Safety Retention Tabs with Hook

Option

N No Option

Notes

1) Lumen type based on using a polycarbonate dome lens and cool white LEDs. See tables for lumens when changing lenses.

Ordering Information

Vigilant® LED Low Bay - Wiring Box Model



Wiring Box Model - 347-480 VAC									
Part Number	Lumens	Wattage	lm/W	CCT	Lens	Beam Distribution	Controls Option	Hardware Options	Power Cable
LEU-LUCA-9NNW-NGN	9000	109	83	CW	Polycarbonate Dome - Diffused	Ultra Wide	No controls	Pendant 3/4" NPT	10' Power Cable
LEU-LUCA-9DNW-NGN	9000	109	83	CW	Polycarbonate Dome - Diffused	Ultra Wide	Dimming	Pendant 3/4" NPT	10' Power Cable
LEU-LUCA-6NNW-NGN	6000	85	71	CW	Polycarbonate Dome - Diffused	Ultra Wide	No controls	Pendant 3/4" NPT	10' Power Cable
LEU-LUCA-6DNW-NGN	6000	76	79	CW	Polycarbonate Dome - Diffused	Ultra Wide	Dimming	Pendant 3/4" NPT	10' Power Cable
LEU-LUNA-6NNW-NGN	5800	85	68	NW	Polycarbonate Dome - Diffused	Ultra Wide	No controls	Pendant 3/4" NPT	10' Power Cable

All values typical unless otherwise stated (tolerance +/- 10%)
See ordering chart for additional options.

SafeSite Vigilant® LED High Bay - UL / CSA

Class I, Div. 1 - 100-277 VAC



Mechanical Information:

Fixture weight:

30 lb (13.6 kg)

Shipping weight:

35 lb (15.9 kg)

Mounting:

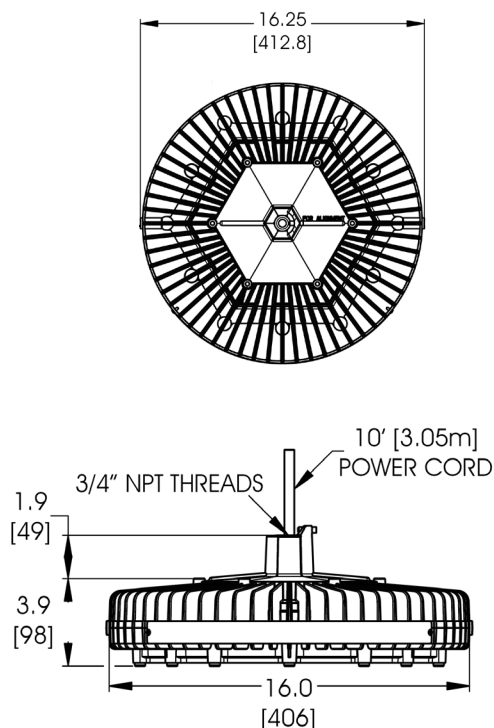
3/4" NPT - top

Various Kits

Power Cord:

10' 18 AWG ST00W

Class I, Div. 1 Groups C, D
Class I, Div. 2 Groups C, D
Class II, Div. 1 Groups E, F, G
Class II, Div. 2 Groups F, G



Temperature Ratings:

Ambient Temp Range

T4 Temp Code: -40°F to +149°F (-40°C to +65°C)

Ambient Temp Range

T5 Temp Code: -40°F to +131°F (-40°C to +50°C)

Certifications & Ratings:

UL 844 (wet locations)

NEMA 4X

CSA C22.2 No. 137-M81

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

Electrical Specifications:

Operating voltage: 100-277 VAC, 120-250 VDC

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 6kA. Tested with 10kv/2 ohm combination wave, as per IEEE C62.41, line-line and line-ground

THD:

< 20%

Power factor:

>0.9

Cabling:

ST00W 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%)

SafeSite® LED High Bay - UL / CSA

Class I, Div. 1 - 100-277 VAC



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

Ordering Information

HE	-		-	7	-		-		-	2	-		-	N	-		-	W	-	N	-	G	-	N
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

HE High Bay 3/4" NPT

Certification

C UL 844, CID1

M UL 844 CID1 Paint Spray

Lens Material

7 Glass - Clear

Beam Distribution

E Oval

M Medium

N Narrow

W Wide

CCT & CRI

C Cool White 5000K - 80 CRI

N Neutral White 4000K - 80 CRI

Operating Voltage

2 100-277 VAC / 120-250 VDC

Lumen Type

A 8,500 Lumens

B 11,000 Lumens

C 15,500 Lumens

E 21,500 Lumens

Controls

N No Option

Mounting Options

N Pendant 3/4" NPT

P Pendant 3/4" NPT with Safety Retention Tabs

T Safety Bracket with Locking Swivel Mount/Bracket SS316

Power Cable

W 10' [3 meter] Power Cable

Electrical Accessories

N No Plug

Coatings

G Gray (RAL 7040)

Option

N No Option

Notes

1) Lumen type based on using a glass lens. See tables for lumens when changing lenses.

Ordering Information

SafeSite Vigilant® LED High Bay - Class I, Div. 1 - 100-277 VAC



Corded Model - Class I, Div. 1 - 100-277 VAC										
Part Number	Lumens	Wattage	lm/W	Certification	CCT	Lens	Beam Distribution	Controls Option	Hardware Options	Wiring
HEC-7WC2-ENNW-NGN	21,500	186	116	CID1	CW	Glass - Clear	Wide	No controls	Pendant 3/4" NPT	10' Power Cable
HEC-7MC2-ENPW-NGN	21,500	186	116	CID1	CW	Glass - Clear	Medium	No controls	Pendant 3/4" NPT with Safety Tabs	10' Power Cable
HEM-7MC2-ENNW-NGN	21,500	186	116	Paint Spray	CW	Glass - Clear	Medium	No controls	Pendant 3/4" NPT	10' Power Cable
HEC-7MC2-CNNW-NGN	15,500	129	120	CID1	CW	Glass - Clear	Medium	No controls	Pendant 3/4" NPT	10' Power Cable
HEC-7WC2-CNPW-NGN	15,500	129	120	CID1	CW	Glass - Clear	Wide	No controls	Safety Bracket w/ SS 316 Forward Throw Bracket	10' Power Cable
HEC-7MC2-CNPW-NGN	15,500	129	120	CID1	CW	Glass - Clear	Medium	No controls	Pendant 3/4" NPT with Safety Tabs	10' Power Cable
HEC-7WC2-CNTW-NGN	15,500	129	120	CID1	CW	Glass - Clear	Wide	No controls	Safety Bracket w/ Locking Swivel Mount/Bracket SS316	10' Power Cable
HEC-7WC2-CNNW-NGN	15,500	129	120	CID1	CW	Glass - Clear	Wide	No controls	Pendant 3/4" NPT	10' Power Cable
HEC-7WC2-CNPW-NGN	15,500	129	120	CID1	CW	Glass - Clear	Wide	No controls	Pendant 3/4" NPT with Safety Tabs	10' Power Cable
HEM-7MC2-CNNW-NGN	15,500	129	120	Paint Spray	CW	Glass - Clear	Medium	No controls	Pendant 3/4" NPT	10' Power Cable
HEC-7MC2-BNNW-NGN	11,000	102	108	CID1	CW	Glass - Clear	Medium	No controls	Pendant 3/4" NPT	10' Power Cable
HEC-7WC2-BNPW-NGN	11,000	102	108	CID1	CW	Glass - Clear	Wide	No controls	Pendant 3/4" NPT with Safety Tabs	10' Power Cable
HEM-7WC2-BNNW-NGN	11,000	102	108	Paint Spray	CW	Glass - Clear	Wide	No controls	Pendant 3/4" NPT	10' Power Cable
HEC-7WC2-BNNW-NGN	11,000	102	108	CID1	CW	Glass - Clear	Wide	No controls	Pendant 3/4" NPT	10' Power Cable
HEC-7MC2-BNPW-NGN	11,000	102	108	CID1	CW	Glass - Clear	Medium	No controls	Pendant 3/4" NPT with Safety Tabs	10' Power Cable
HEM-7WN2-ANNW-NGN	9,500	80	119	Paint Spray	NW	Glass - Clear	Wide	No controls	Pendant 3/4" NPT	10' Power Cable
HEC-7MC2-ANNW-NGN	8,500	80	106	CID1	CW	Glass - Clear	Medium	No controls	Pendant 3/4" NPT	10' Power Cable
HEC-7WC2-ANNW-NGN	8,500	80	106	CID1	CW	Glass - Clear	Wide	No controls	Pendant 3/4" NPT	10' Power Cable
HEC-7MN2-ANNW-NGN	8,500	80	106	CID1	NW	Glass - Clear	Medium	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: HEC-7WC2-ENNW-NGN becomes HEC-7WC2-EDNW-NGN. See ordering chart for additional options.

SafeSite Vigilant® LED High Bay - UL / CSA

Corded Model & Integrated Wiring Box Model Class I, Div. 2 - 100-277 VAC

Corded Model



Mechanical Information:

Fixture weight:

18 lb (8.2 kg)

Shipping weight:

24 lb (10.9 kg)

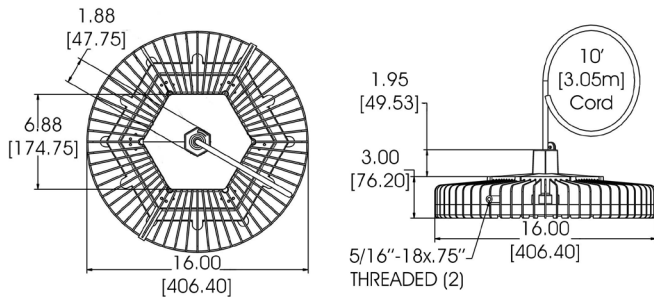
Mounting:

3/4" NPT - top
Various Kits

Power Cord:

10' 18 AWG ST00W

Patent pending



Integrated Wiring Box Model



Mechanical Information:

Fixture weight:

20 lb (9.1 kg)

Shipping weight:

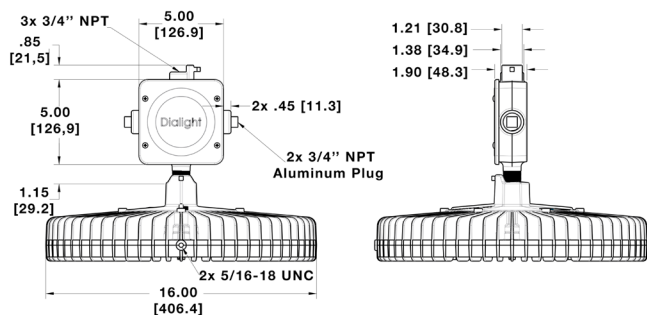
26 lb (11.8 kg)

Mounting:

3/4" NPT or Hook

Wiring Box Cable Entries:

(2x) 3/4" NPT



Dimensions in inches [mm]

Temperature Ratings:

Ambient Temp Range

T4 Temp Code: -40°F to +149°F (-40°C to +65°C)

Ambient Temp Range

T5 Temp Code: -40°F to +131°F (-40°C to +50°C)

Certifications & Ratings:

UL 844 (wet locations) NEMA 4X
 CSA C22.2 No. 137-M81 IP66/67
 L70 rated for >150,000 hours
 Class I, Div. 2 Groups A, B, C, D
 Class II, Div. 1 Groups E, F, G
 Class II, Div. 2 Groups F, G
 Class III, Div. 1 & 2

Variable Dimming:

Variable Dimming Control: 0-10 VDC

Dimming Range:

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

Electrical Specifications:

Operating voltage: 100-277 VAC, 120-250 VDC

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 6kA. Tested with 10kv/2 ohm combination wave, as per IEEE

C62.41,

THD:

< 20%

Power factor:

>0.9

Cabling:

ST00W 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%)

SafeSite® LED High Bay - UL / CSA

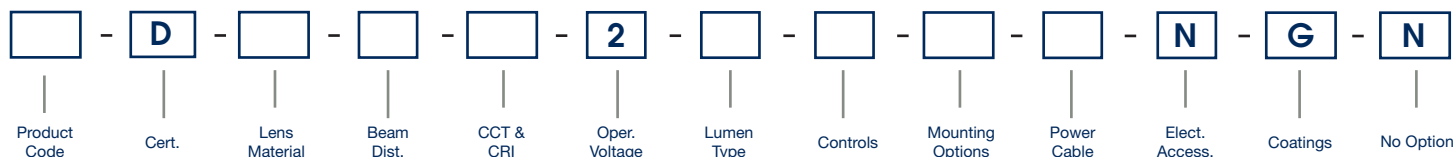
Corded & Integrated Wiring Box - 100-277 VAC



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

Specifications

Ordering Information



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	
D	UL 844 CID2, CII, CIII	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	
4	Polycarbonate - Clear	2	100-277 VAC / 120-250 VDC	H	Hook	G	Gray (RAL 7040)
7	Glass - Clear			N	Pendant 3/4" NPT		
L	Polycarbonate Dome - Diffused			P	Pendant 3/4" NPT with Safety Retention Tabs	Option	
R	Power Wash Glass, Clear			R	Safety Retention Tabs with Hook	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

SafeSite Vigilant® LED High Bay - Corded Model



Corded Model - Class I, Div. 2 - 100-277 VAC									
Part Number	Lumens	Wattage	lm/W	CCT	Lens	Beam Distribution	Controls Option	Hardware Options	Wiring
HED-7WC2-ENNW-NGN	27,000	186	145	CW	Glass - Clear	Wide	No controls	Pendant 3/4" NPT	10' Power Cable
HED-7MC2-ENPW-NGN	27,000	186	145	CW	Glass - Clear	Medium	No controls	Pendant 3/4" NPT with Safety Tabs	10' Power Cable
HED-7WC2-ENPW-NGN	27,000	186	145	CW	Glass - Clear	Wide	No controls	Pendant 3/4" NPT with Safety Tabs	10' Power Cable
HED-7WC2-ENTW-NGN	27,000	186	145	CW	Glass - Clear	Wide	No controls	Safety Bracket w/ Locking Swivel Mount/ Bracket SS316	10' Power Cable
HED-7MC2-ENNW-NGN	26,500	212	125	CW	Glass - Clear	Medium	No controls	Pendant 3/4" NPT	10' Power Cable
HED-7WC2-ENW-NGN	26,250	186	141	CW	Glass - Clear	Wide	No controls	Safety Bracket w/ SS 316 Forward Throw Bracket	10' Power Cable
HED-4MC2-ENNW-NGN	25,500	186	137	CW	Polycarbonate - Clear	Medium	No controls	Pendant 3/4" NPT	10' Power Cable
HED-7WC2-CNW-NGN	19,500	129	151	CW	Glass - Clear	Wide	No controls	Safety Bracket w/ SS 316 Forward Throw Bracket	10' Power Cable
HED-7MC2-CNPW-NGN	19,500	129	151	CW	Glass - Clear	Medium	No controls	Safety Tabs	10' Power Cable
HED-7WC2-CNNW-NGN	19,500	129	151	CW	Glass - Clear	Wide	No controls	Pendant 3/4" NPT	10' Power Cable
HED-7WC2-CNTW-NGN	19,500	129	151	CW	Glass - Clear	Wide	No controls	Safety Bracket w/ Locking Swivel Mount/ Bracket SS316	10' Power Cable
HED-4MC2-CNNW-NGN	18,500	129	143	CW	Polycarbonate - Clear	Medium	No controls	Pendant 3/4" NPT	10' Power Cable
HED-7MC2-CNNW-NGN	18,000	144	125	CW	Glass - Clear	Medium	No controls	Pendant 3/4" NPT	10' Power Cable
HED-7MC2-BNNW-NGN	14,000	112	125	CW	Glass - Clear	Medium	No controls	Pendant 3/4" NPT	10' Power Cable
HED-7WC2-BNPW-NGN	14,000	102	137	CW	Glass - Clear	Wide	No controls	Pendant 3/4" NPT with Safety Tabs	10' Power Cable
HED-7MC2-BNPW-NGN	14,000	102	137	CW	Glass - Clear	Medium	No controls	Pendant 3/4" NPT with Safety Tabs	10' Power Cable
HED-7MN2-BNPW-NGN	14,000	102	137	NW	Glass - Clear	Medium	No controls	Pendant 3/4" NPT with Safety Tabs	10' Power Cable
HED-7WC2-BNNW-NGN	14,000	102	137	CW	Glass - Clear	Wide	No controls	Pendant 3/4" NPT	10' Power Cable
HED-4MC2-BNNW-NGN	13,000	102	127	CW	Polycarbonate - Clear	Medium	No controls	Pendant 3/4" NPT	10' Power Cable
HED-7MC2-ANNW-NGN	11,000	88	125	CW	Glass - Clear	Medium	No controls	Pendant 3/4" NPT	10' Power Cable
HED-7MC2-ANPW-NGN	11,000	80	138	CW	Glass - Clear	Medium	No controls	Pendant 3/4" NPT with Safety Tabs	10' Power Cable
HED-7WC2-ANNW-NGN	11,000	80	138	CW	Glass - Clear	Wide	No controls	Pendant 3/4" NPT	10' Power Cable
HED-4MC2-ANNW-NGN	10,500	80	131	CW	Polycarbonate - Clear	Medium	No controls	Pendant 3/4" NPT	10' Power Cable
HED-5MC2-ANNW-NGN	10,500	80	131	CW	Polycarbonate - Diffused	Medium	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: HED-7MC2-**ENN**W-NGN becomes HED-7MC2-**ED**NW-NGN.

See ordering chart for additional options.

SafeSite® LED High Bay - UL / CSA

Wiring Box Model & Passive Power Supply Model - 347/480 VAC

Wiring Box Model - 347/480 VAC



Mechanical Information:

Fixture weight:

34 lb (15.4 kg)

Shipping weight:

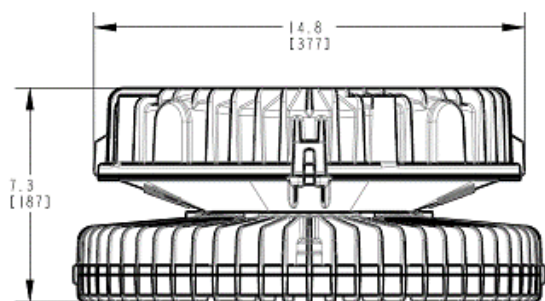
39 lb (17.7 kg)

Mounting:

3/4" NPT - top
Various Kits

Wiring Box Cable Entries:

(4x) 3/4" NPT



Passive Power Supply Model - 347 or 480 VAC



Mechanical Information:

Fixture weight:

40 lb (18.1 kg)

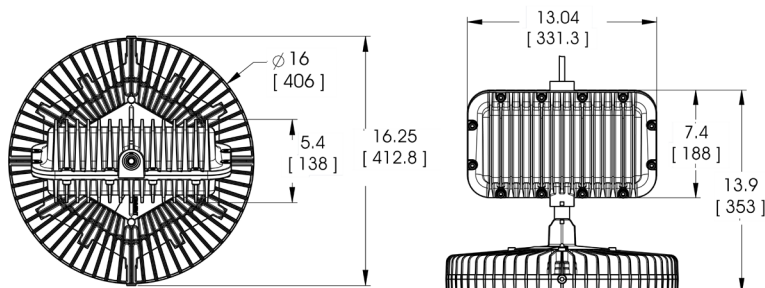
Shipping weight:

45 lb (20.4 kg)

Mounting:

3/4" NPT - top
Various Kits

Patent pending



Certifications & Ratings:

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

Variable Dimming:

Variable Dimming Control: 0-10 VDC

Occupancy Sensor:

Mounting Height: Up to 40ft

Ingress Protection: IP66

Electrical Specifications:

Operating Voltage: 347/480 VAC
347 or 480 VAC (Passive only)

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

Fusing: Internal

Construction:

Housing: Copper-free aluminum

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

Lens: See table

Photometric Information:

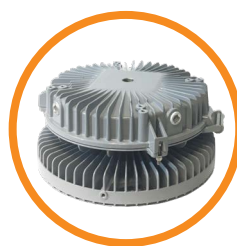
CRI: 80

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

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

Vigilant® LED High Bay - UL / CSA

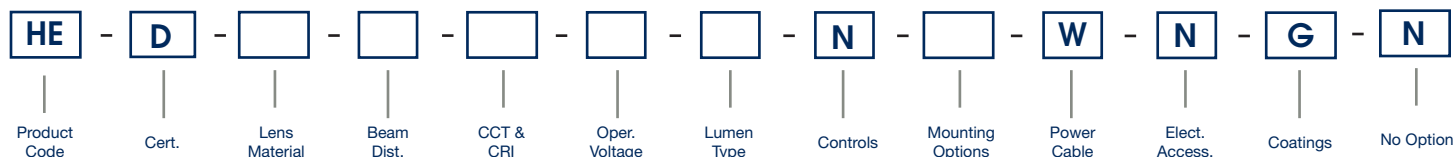
Wiring Box & Passive Power Supply - 347/480 VAC



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

Specifications

Ordering Information



Product Code

HE High Bay Wiring Box

Certification

D UL 844 CID2, CII, CIII

Lens Material

2 Acrylic - Clear (Voltage A only)
 4 Polycarbonate - Clear
 7 Glass - Clear
 L Polycarbonate Dome - Diffused
 R Power Wash Glass, Clear

Beam Distribution

E Oval
 M Medium
 N Narrow
 W Wide

CCT & CRI

C Cool White 5000K - 80 CRI
 N Neutral White 4000K - 80 CRI

Operating Voltage

A 347/480 VAC Step Down Transformer
 P 480 VAC Passive
 Q 347 VAC Passive

Lumen Type

A 11,000 Lumens
 B 14,000 Lumens
 C 18,000 Lumens
 E 26,000 Lumens

Controls

N No Option

Mounting Options

H Hook (Voltage P, Q only)
 N Pendant 3/4" NPT
 P Pendant 3/4" NPT with Safety Retention Tabs
 R Safety Retention Tabs with Hook

Power Cable

W 10' (3 meter) Power Cable

Electrical Accessories

N No Plug

Coatings

G Gray (RAL 7040)

Option

N No Option

Notes

- 1) Lumen type based on using a glass lens. See tables for lumens when changing lenses.
- 2) When ordering Operating Voltage A, Mounting Option = (N) Pendant 3/4" NPT.
- 3) Passive must be (M) Medium beam distribution.

Ordering Information

SafeSite® LED High Bay - Wiring Box Model



Wiring Box Model - 347/480 VAC									
Part Number	Lumens	Wattage	lm/W	CCT	Lens	Beam Distribution	Controls Option	Hardware Options	Wiring
HED-7MCA-CDNW-NGN	19,500	158	123	CW	Glass - Clear	Medium	Dimming	Pendant 3/4" NPT	10' Power Cable
HED-7MCA-BDNW-NGN	14,250	131	109	CW	Glass - Clear	Medium	Dimming	Pendant 3/4" NPT	10' Power Cable
HED-4MCA-BDNW-NGN	13,000	122	107	CW	Polycarbonate - Clear	Medium	Dimming	Pendant 3/4" NPT	10' Power Cable
HED-4MCA-ADNW-NGN	10,000	101	99	CW	Polycarbonate - Clear	Medium	Dimming	Pendant 3/4" NPT	10' Power Cable

All values typical unless otherwise stated (tolerance +/- 10%)
See ordering chart for additional options.

Ordering Information

SafeSite® LED High Bay - Passive Power Supply Model



Passive Power Supply Model - 347 or 480 VAC									
Part Number	Lumens	Wattage	lm/W	CCT	Lens	Beam Distribution	Controls Option	Hardware Options	Wiring
HED-7MCP-ENNW-NGN	27,000	206	131	CW	Glass - Clear	Medium	No controls	Pendant 3/4" NPT	10' Power Cable
HED-7MCP-CNNW-NGN	18,000	129	140	CW	Glass - Clear	Medium	No controls	Pendant 3/4" NPT	10' Power Cable
HED-7MCP-BNNW-NGN	14,250	116	123	CW	Glass - Clear	Medium	No controls	Pendant 3/4" NPT	10' Power Cable
HED-7MCP-ANNW-NGN	11,250	73	154	CW	Glass - Clear	Medium	No controls	Pendant 3/4" NPT	10' Power Cable

All values typical unless otherwise stated (tolerance +/- 10%)
See ordering chart for additional options.

SafeSite Vigilant® LED Low 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)

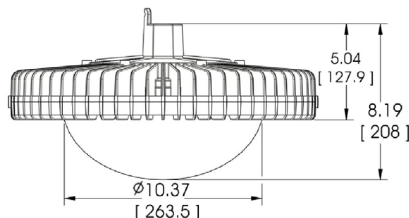
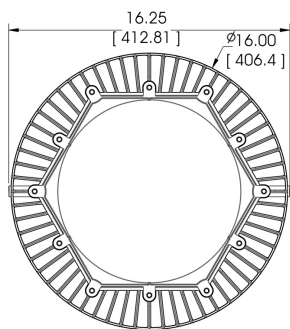
Mounting:

3/4" NPT - top

Various Kits

Power Cord:

10' 18 AWG STOOOW



Integrated Wiring Box Model



Mechanical Information:

Fixture weight:

20 lb (9.1 kg)

Shipping weight:

26 lb (11.8 kg)

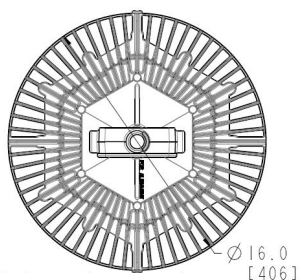
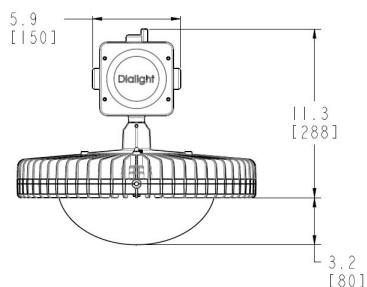
Mounting:

3/4" NPT or Hook

Various Kits

Wiring Box Cable Entries:

(2x) 3/4" NPT



Certifications & Ratings:

UL 1598/A (wet locations) CSA C22.2 No. 250

NEMA 4X IP66/67

L70 rated for >150,000 hours

Class I, Div. 2, Groups A, B, C, D

Class II, Div. 1 Groups E, F, G

Class II, Div. 2 Groups F, G

Class III, Div. 1 & 2

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:

6K-18k lm models: <20%

4k lm models: <30%

Power Factor:

>0.9

Cabling:

STOOOW 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%)

SafeSite® LED Low Bay - UL / CSA

Corded & Integrated Wiring Box - 100-277 VAC



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

Specifications

Ordering Information

	D		U		2						N	G	N
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

LC Low Bay Integrated Wiring Box
LE Low Bay

Beam Distribution

U Ultra Wide

Lumen Type

4 4,000 Lumens
6 6,000 Lumens
9 9,000 Lumens
B 14,000 Lumens
C 18,000 Lumens

Power Cable

N No Cord (LC only)
W 10' [3 meter] Power Cable (LE only)

Certification

D UL 844 CID2, CII, CIII

CCT & CRI

C Cool White 5000K - 80 CRI
N Neutral White 4000K - 80 CRI

Controls

D Dimming (0-10V)
M Occupancy Sensor (LC only)
N No Option

Electrical Accessories

N No Plug

Lens Material

4 Polycarbonate - Clear
5 Polycarbonate - Diffused
L Polycarbonate Dome - Diffused (recommended)

Coatings

G Gray (RAL 7040)

Operating Voltage

2 100-277 VAC / 120-250 VDC

Mounting Options

H Hook
N Pendant 3/4" NPT
P Pendant 3/4" NPT with Safety Retention Tabs
R Safety Retention Tabs with Hook

Option

N No Option

Notes

- 1) Lumen type based on using a polycarbonate dome lens. See tables for lumens when changing lenses.
- 2) When ordering occupancy sensor, use prefix LC.

Ordering Information

SafeSite Vigilant® LED Low Bay - Corded Model



Corded Model - Class I, Div. 2 - 100-277 VAC									
Part Number	Lumens	Wattage	lm/W	CCT	Lens	Beam Distribution	Controls Option	Hardware Options	Power Cable
LED-LUC2-CNNW-NGN	18000	154	117	CW	Polycarbonate Dome - Diffused	Ultra Wide	No controls	Pendant 3/4" NPT	10' Power Cable
LED-LUC2-BNNW-NGN	14000	114	123	CW	Polycarbonate Dome - Diffused	Ultra Wide	No controls	Pendant 3/4" NPT	10' Power Cable
LED-LUC2-9NNW-NGN	9000	80	113	CW	Polycarbonate Dome - Diffused	Ultra Wide	No controls	Pendant 3/4" NPT	10' Power Cable
LED-LUC2-6NNW-NGN	6000	56	107	CW	Polycarbonate Dome - Diffused	Ultra 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: LEU-LUC2-9**N**NW-NGN becomes LEU-LUC2-9**D**NW-NGN.
See ordering chart for additional options.

Lumen Tables

Vigilant High Bay 100-277 VAC, 120-250 VDC							
Lumen Letter	Wattage	Lens	Material	Diffused	Lumens 5000K CCT	Lumens 4000K CCT	Lumens 2700K CCT
E	186	7	Glass	No	26,250	25,250	22,250
	186	H	Glass	No	25,750	25000	21,250
	186	2	Acrylic	No	25,250	24500	21,750
	186	4	Polycarbonate	No	25,250	24500	21,750
	186	3	Acrylic	Yes	24,750	24000	20,500
	186	5	Polycarbonate	Yes	24,750	24,000	20,500
	186	L	Polycarbonate Dome	Yes	24,500	23,750	20,250
	186	8	Glass	Yes	23,250	22500	19,125
C	129	7	Glass	No	19,500	18,750	15,750
	129	2	Acrylic	No	18,750	18,000	15,250
	129	4	Polycarbonate	No	18,750	18,000	15,250
	129	3	Acrylic	Yes	18,250	17,500	14,750
	129	5	Polycarbonate	Yes	18,250	17,500	14,750
	129	L	Polycarbonate Dome	Yes	18,000	17,500	14,750
	129	8	Glass	Yes	17,000	16,500	14,000
B	102	7	Glass	No	14,250	13,750	11,750
	102	H	Glass	No	14000	13,500	11,500
	102	2	Acrylic	No	13,750	13,250	11,000
	102	4	Polycarbonate	No	13,750	13,250	11,000
	102	3	Acrylic	Yes	13,500	13,000	11,000
	102	5	Polycarbonate	Yes	13,500	13,000	11,000
	102	L	Polycarbonate Dome	Yes	13,250	12,750	10,750
	102	8	Glass	Yes	12,500	12,250	10,500
A	80	7	Glass	No	11,250	11,000	9,500
	80	H	Glass	No	11,000	10,750	9,250
	80	2	Acrylic	No	10,750	10,500	9,000
	80	4	Polycarbonate	No	10,750	10,500	9,000
	80	3	Acrylic	Yes	10,500	10,250	8,750
	80	5	Polycarbonate	Yes	10,500	10,250	8,750
	80	L	Polycarbonate Dome	Yes	10,250	9,950	8,500
	80	8	Glass	Yes	9,750	9,500	8,000

SafeSite CID1 High Bay 100-277 VAC							
Lumen Letter	Wattage	Lens	Material	Diffused	Lumens 5000K CCT	Lumens 4000K CCT	Lumens 2700K CCT
E	186	7	Glass	No	23,500	22,750	20,000
	186	8	Glass	Yes	20,750	20,250	17,250
C	129	7	Glass	No	16,000	15,500	13,250
	129	8	Glass	Yes	14,000	13,500	11,500
B	102	7	Glass	No	12,500	12,250	10,500
	102	8	Glass	Yes	11,000	10,750	9,250
A	80	7	Glass	No	9,500	9,250	7,750

Notes

- 1) For models using transformers, add 12W for 480V & 29W for 347V

Passive 480 Power Supplies

High Bay 480V Passive Model							
Lumen Letter	480V Wattage	Lens Character	Material	Diffused	Lumens 5000K CCT	Lumens 4000K CCT	Lumens 2700K CCT
E	206	7	Glass	No	27,000	26,250	23,000
	206	H	Glass	No	26,500	25,750	21,750
	206	2	Acrylic	No	26,000	25,250	21,500
	206	4	Polycarbonate	No	26,000	25,250	21,500
	206	3	Acrylic	Yes	25,250	24,500	20,750
	206	5	Polycarbonate	Yes	25,250	24,500	20,750
	206	L	Polycarbonate Dome	Yes	25,000	24,250	20,500
	206	8	Glass	Yes	23,750	23000	19,500
C	129	7	Glass	No	18,000	17,500	14,750
	129	H	Glass	No	17,750	17,250	14,500
	129	2	Acrylic	No	17,250	16,750	14,250
	129	4	Polycarbonate	No	17,250	16750	14,250
	129	3	Acrylic	Yes	17,000	16,500	14,000
	129	5	Polycarbonate	Yes	17,000	16,500	14,000
	129	L	Polycarbonate Dome	Yes	16,750	16,250	13,750
	129	8	Glass	Yes	15,750	15,250	13,000
B	116	7	Glass	No	14,250	13,750	11,750
	116	H	Glass	No	14,000	13,500	11,500
	116	2	Acrylic	No	13,750	13,250	11,000
	116	4	Polycarbonate	No	13,750	13,250	11,000
	116	3	Acrylic	Yes	13,500	13,000	11,000
	116	5	Polycarbonate	Yes	13,500	13,000	11,000
	116	L	Polycarbonate Dome	Yes	13,250	12,750	10,750
	116	8	Glass	Yes	12,500	12,250	10,500
A	73	7	Glass	No	11,250	11,000	9,500
	73	H	Glass	No	11,000	10,750	9,250
	73	2	Acrylic	No	10,750	10,500	9,000
	73	4	Polycarbonate	No	10,750	10,500	9,000
	73	3	Acrylic	Yes	10,500	10,250	8,750
	73	5	Polycarbonate	Yes	10,500	10,250	8,750
	73	L	Polycarbonate Dome	Yes	10,250	9,950	8,500
	73	8	Glass	Yes	9,750	9,500	8,000

Passive 347 Power Supplies

High Bay 347V Passive Model							
Lumen Letter	347V Wattage	Lens Character	Material	Diffused	Lumens 5000K CCT	Lumens 4000K CCT	Lumens 2700K CCT
E	206	7	Glass	No	27,000	26,250	23,000
	206	H	Glass	No	26,500	25,750	21,750
	206	2	Acrylic	No	26,000	25,250	21,500
	206	4	Polycarbonate	No	26,000	25,250	21,500
	206	3	Acrylic	Yes	25,250	24,500	20,750
	206	5	Polycarbonate	Yes	25,250	24,500	20,750
	206	L	Polycarbonate Dome	Yes	25,000	24,250	20,500
	206	8	Glass	Yes	23,750	23,000	19,500
C	136	7	Glass	No	18,000	17,500	14,750
	136	H	Glass	No	17,750	17,250	14,500
	136	2	Acrylic	No	17,250	16,750	14,250
	136	4	Polycarbonate	No	17,250	16,750	14,250
	136	3	Acrylic	Yes	17,000	16,500	14,000
	136	5	Polycarbonate	Yes	17,000	16,500	14,000
	136	L	Polycarbonate Dome	Yes	16,750	16,250	13,750
	136	8	Glass	Yes	15,750	15,250	13,000
B	100	7	Glass	No	14,250	13,750	11,750
	100	H	Glass	No	14,000	13,500	11,500
	100	2	Acrylic	No	13,750	13,250	11,000
	100	4	Polycarbonate	No	13,750	13,250	11,000
	100	3	Acrylic	Yes	13,500	13,000	11,000
	100	5	Polycarbonate	Yes	13,500	13,000	11,000
	100	L	Polycarbonate Dome	Yes	13,250	12,750	10,750
	100	8	Glass	Yes	12,500	12,250	10,500
A	81	7	Glass	No	11,250	11,000	9,500
	81	H	Glass	No	11,000	10,750	9,250
	81	2	Acrylic	No	10,750	10,500	9,000
	81	4	Polycarbonate	No	10,750	10,500	9,000
	81	3	Acrylic	Yes	10,500	10,250	8,750
	81	5	Polycarbonate	Yes	10,500	10,250	8,750
	81	L	Polycarbonate Dome	Yes	10,250	9,950	8,500
	81	8	Glass	Yes	9,750	9,500	8,000

Lumen Tables- Low Bay

Vigilant Low Bay 100-277 VAC, 120-250 VDC							
Lumen Letter	Wattage	Lens	Material	Diffused	Lumens 5000K CCT	Lumens 4000K CCT	Lumens 2700K CCT
C	154	L	Polycarbonate Dome	Yes	18,000	17,500	15,250
	154	4	Polycarbonate	No	17,750	17,250	15,000
	154	2	Acrylic	No	17,500	17,000	14,750
	154	5	Polycarbonate	Yes	17,000	16,500	14,500
	154	3	Acrylic	Yes	16,500	16,000	14,000
B	114	L	Polycarbonate Dome	Yes	14,000	13,500	12,000
	114	4	Polycarbonate	No	13,750	13,250	11,750
	114	2	Acrylic	No	13,500	13,000	11,500
	114	5	Polycarbonate	Yes	13,250	12,750	11,250
	114	3	Acrylic	Yes	13,000	12,500	11,000
9	80	L	Polycarbonate Dome	Yes	9,000	8,750	7,750
	80	4	Polycarbonate	No	8,800	8,500	7,500
	80	2	Acrylic	No	8,600	8,400	7,300
	80	5	Polycarbonate	Yes	8,500	8,250	7,200
	80	3	Acrylic	Yes	8,250	8,000	7,000
6	56	L	Polycarbonate Dome	Yes	6,000	5,800	5,100
	56	4	Polycarbonate	No	5,900	5,750	5,000
	56	2	Acrylic	No	5,750	5,600	4,800
	56	5	Polycarbonate	Yes	5,600	5,500	4,750
	56	3	Acrylic	Yes	5,500	5,300	4,600
4	42	L	Polycarbonate Dome	Yes	4,000	3,900	3,400
	42	4	Polycarbonate	No	3,900	3,800	3,300
	42	2	Acrylic	No	3,800	3,700	3,200
	42	5	Polycarbonate	Yes	3,750	3,600	3,150
	42	3	Acrylic	Yes	3,500	3,500	3,000

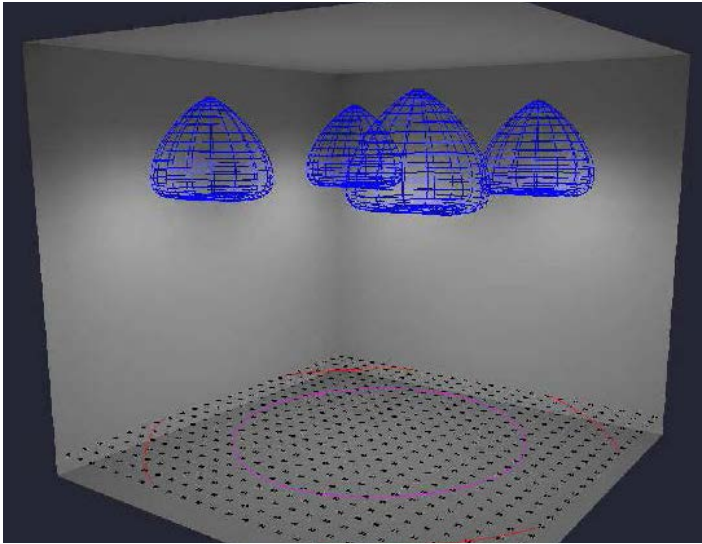
Notes

1) For models using transformers, add 12W for 480V & 29W for 347V

Lighting Layouts

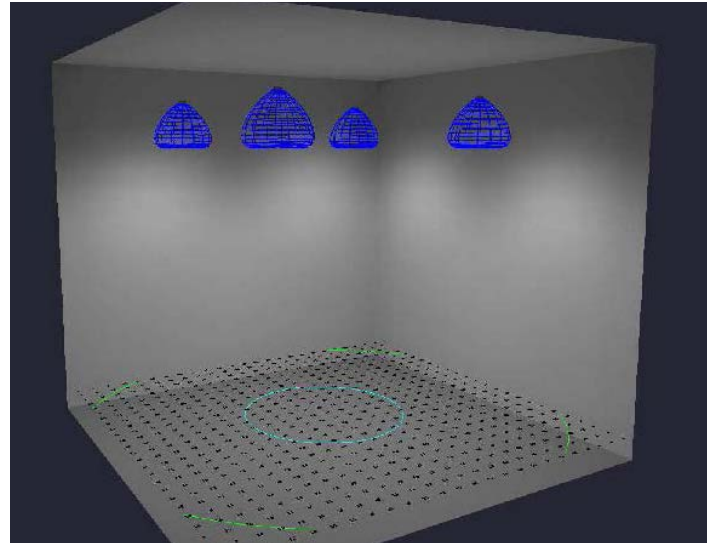
Hxx7MCxEx-xxxx

Calculation Summary - Mounting Height: 15' Workplane: 2.5'						
Calc Type	Units	Avg	Max	Min	Avg/Max	Max/Min
Illuminance	Fc	23.50	30	15	1.57	2.00



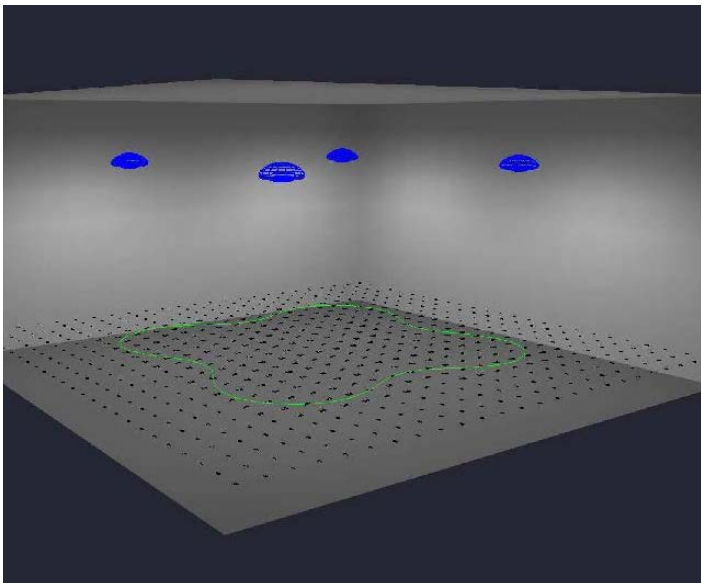
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Calculation Summary - Mounting Height: 15' Workplane: 2.5'						
Calc Type	Units	Avg	Max	Min	Avg/Max	Max/Min
Illuminance	fc	12.67	16	8	1.58	2.00



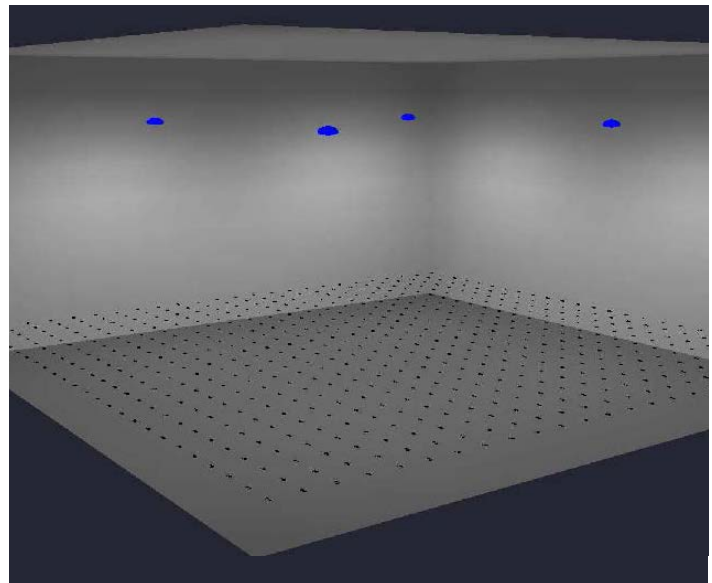
LxxLUCx9x-xxxx

Calculation Summary - Mounting Height: 15' Workplane: 2.5'						
Calc Type	Units	Avg	Max	Min	Avg/Max	Max/Min
Illuminance	Fc	9.01	11	6	1.50	1.83



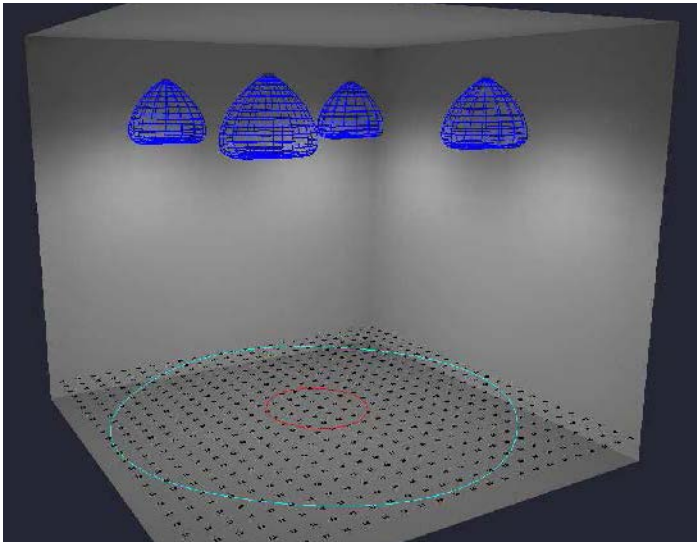
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Calculation Summary - Mounting Height: 15' Workplane: 2.5'						
Calc Type	Units	Avg	Max	Min	Avg/Max	Max/Min
Illuminance	fc	3.54	4	2	1.77	2.00



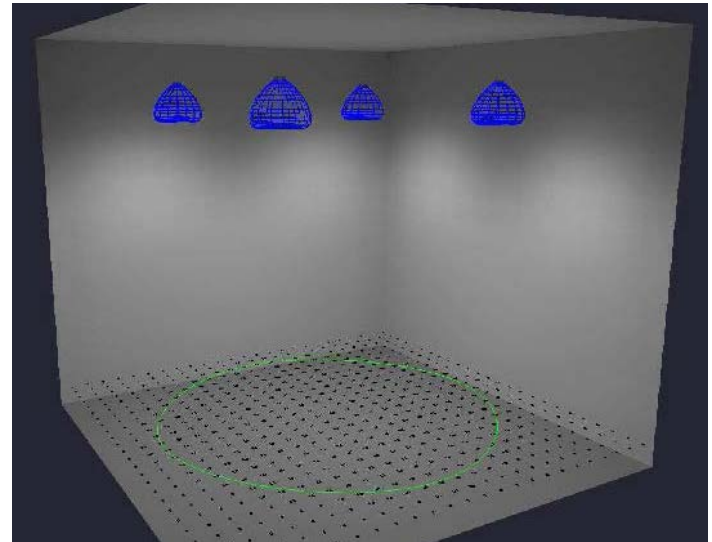
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Calculation Summary - Mounting Height: 15' Workplane: 2.5'						
Calc Type	Units	Avg	Max	Min	Avg/Max	Max/Min
Illuminance	Fc	16.23	21	11	1.48	1.91



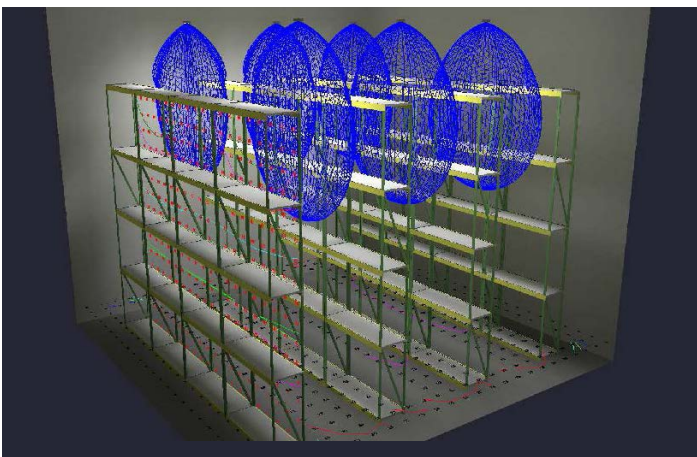
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Calculation Summary - Mounting Height: 15' Workplane: 2.5'						
Calc Type	Units	Avg	Max	Min	Avg/Max	Max/Min
Illuminance	fc	9.93	13	6	1.66	2.17



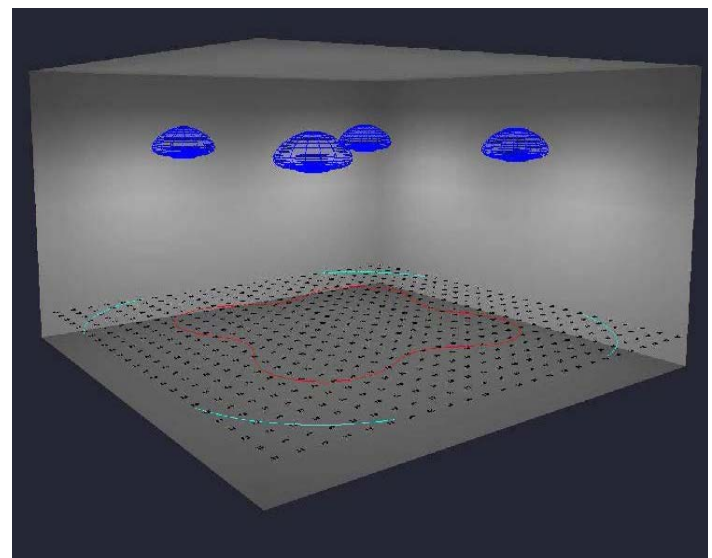
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Calculation Summary - Mounting Height: 15' Workplane: 2.5'							
Label	Calc Type	Units	Avg	Max	Min	Avg/Max	Max/Min
Room Workplane	Illuminance	fc	18.59	28	2	9.30	14.00
Vertical Shelf Face	Illuminance	fc	16.35	52	6	2.73	8.67



LxxLUCxCx-xxxx

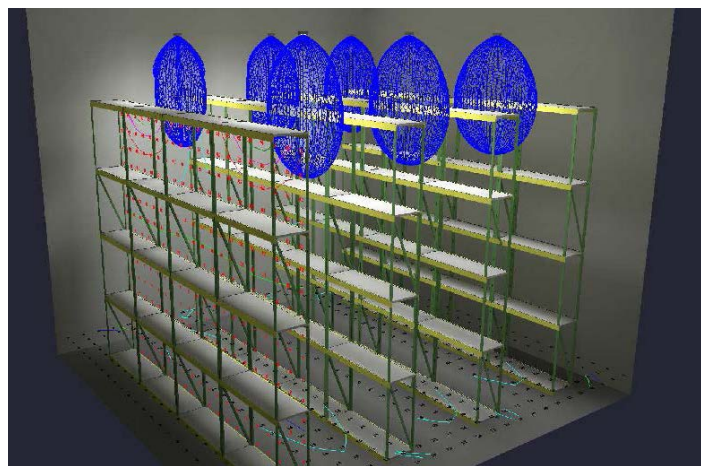
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Calc Type	Units	Avg	Max	Min	Avg/Max	Max/Min
Illuminance	Fc	18.27	21	11	1.66	1.91



Lighting Layouts

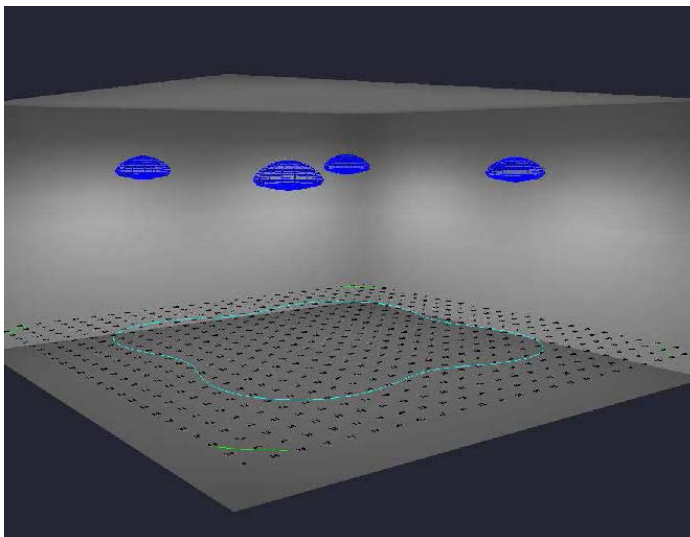
Hxx7ECxBx-xxxx

Calculation Summary - Mounting Height: 15' Workplane: 2.5'							
Label	Calc Type	Units	Avg	Max	Min	Avg/Max	Max/Min
Room Workplane	Illuminance	fc	12.28	18	2	6.14	9.00
Vertical Shelf Face	Illuminance	fc	10.77	34	4	2.69	8.50



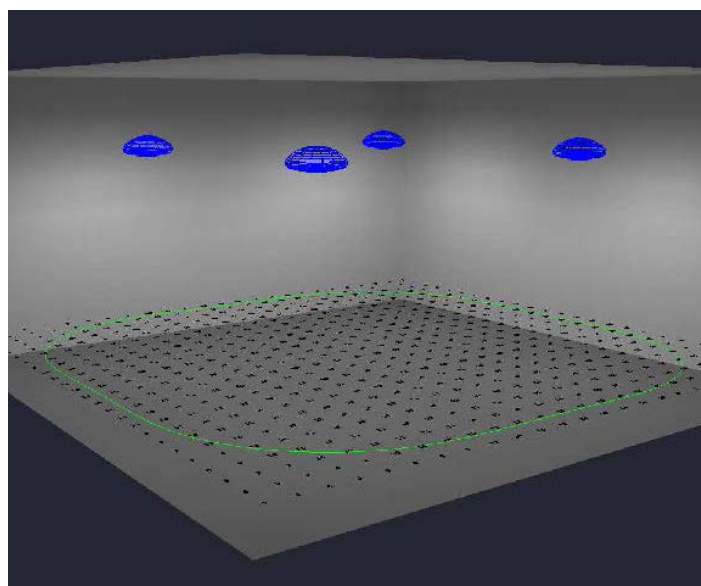
LxxLUCxBx-xxxx

Calculation Summary - Mounting Height: 15' Workplane: 2.5'						
Calc Type	Units	Avg	Max	Min	Avg/Max	Max/Min
Illuminance	fc	14.12	16	9	1.57	1.78



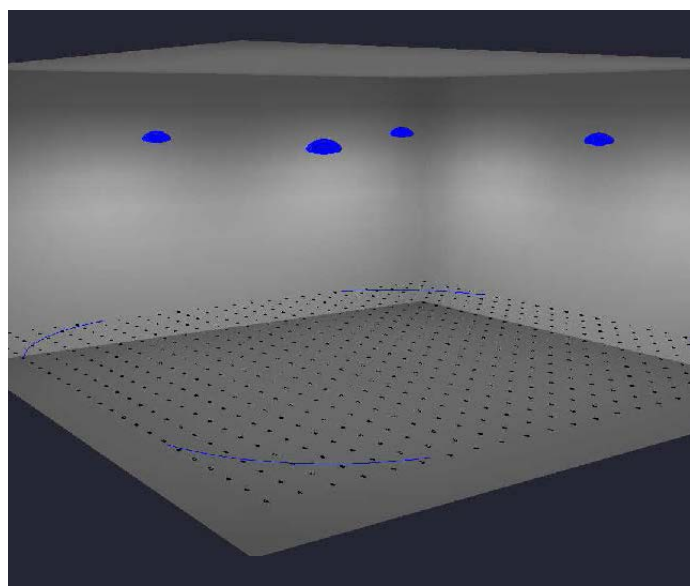
LxxLUCxAx-xxxx

Calculation Summary - Mounting Height: 15' Workplane: 2.5'						
Calc Type	Units	Avg	Max	Min	Avg/Max	Max/Min
Illuminance	Fc	11.15	13	7	1.59	1.86



LxxLUCx6x-xxxx

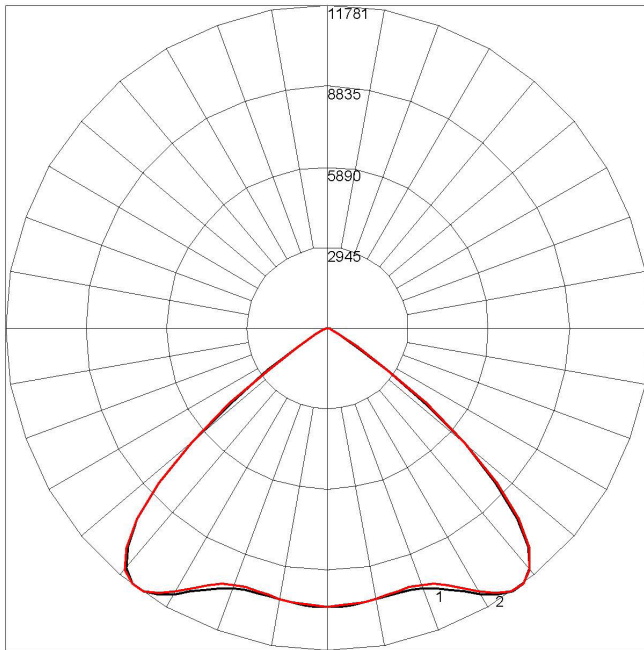
Calculation Summary - Mounting Height: 15' Workplane: 2.5'						
Calc Type	Units	Avg	Max	Min	Avg/Max	Max/Min
Illuminance	Fc	6.12	7	4	1.53	1.75



Beam Distribution - High Bay

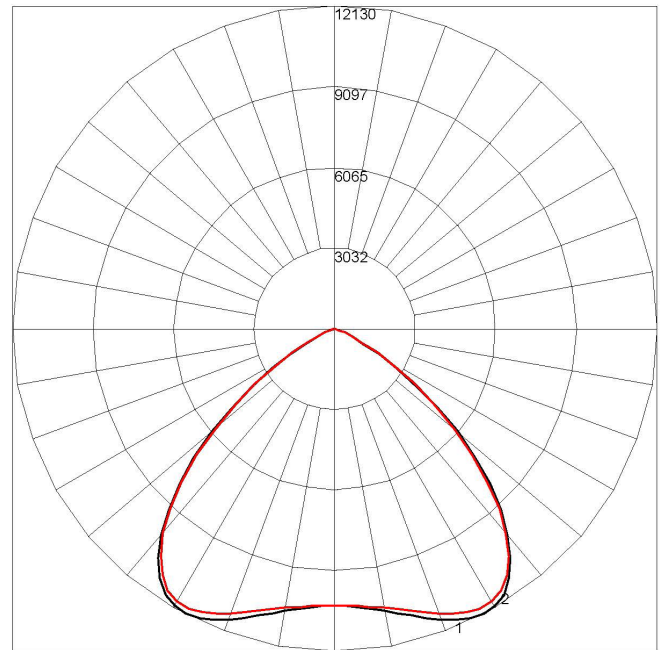


Medium



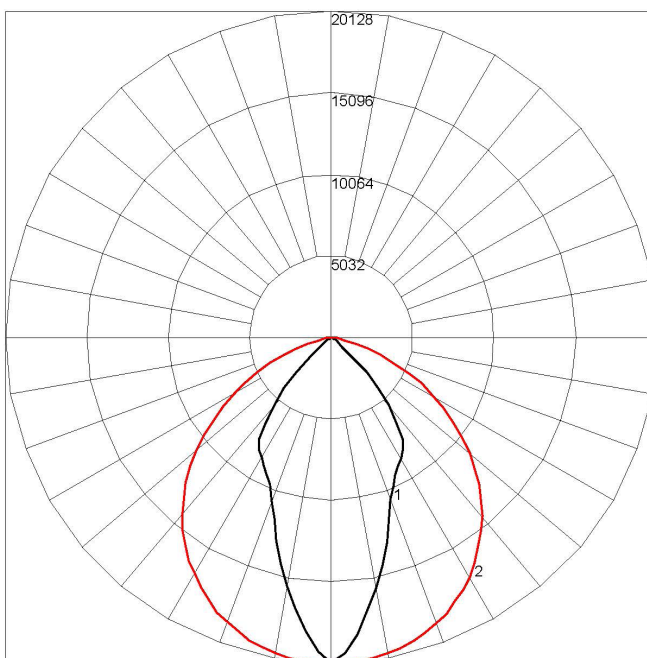
Maximum Candela = 11780.5 Located At Horizontal Angle = 90, Vertical Angle = 37.5
1 - Vertical Plane Through Horizontal Angles (0 - 180)
2 - Vertical Plane Through Horizontal Angles (90 - 270)

Wide



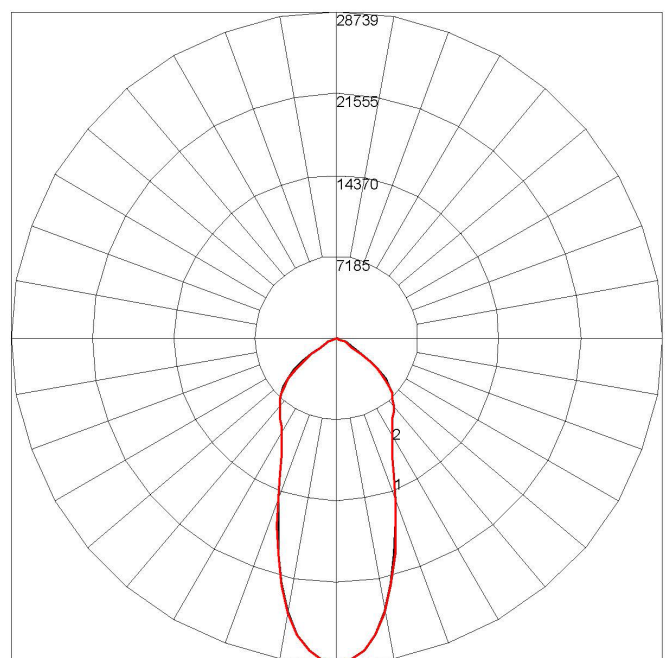
Maximum Candela = 12129.5 Located At Horizontal Angle = 0, Vertical Angle = 27.5
1 - Vertical Plane Through Horizontal Angles (0 - 180)
2 - Vertical Plane Through Horizontal Angles (90 - 270)

Oval



Maximum Candela = 20128.4 Located At Horizontal Angle = 85, Vertical Angle = 2.5
1 - Vertical Plane Through Horizontal Angles (0 - 180)
2 - Vertical Plane Through Horizontal Angles (90 - 270)

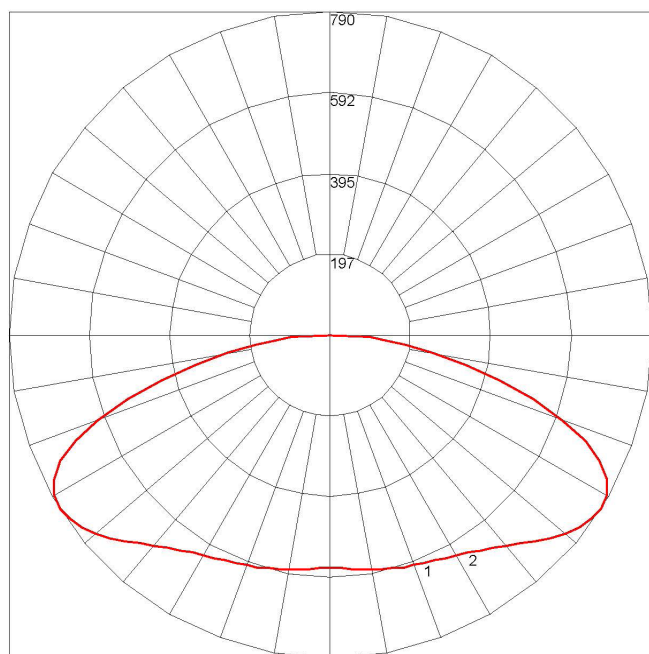
Narrow



Maximum Candela = 28739.4 Located At Horizontal Angle = 0, Vertical Angle = 0
1 - Vertical Plane Through Horizontal Angles (0 - 180)
2 - Vertical Plane Through Horizontal Angles (90 - 270)

Beam Distribution - Low Bay

Ultra Wide



Maximum Candela = 789.7 Located At Horizontal Angle = 0, Vertical Angle = 57.5
 # 1 - Vertical Plane Through Horizontal Angles (0 - 180)
 # 2 - Vertical Plane Through Horizontal Angles (90 - 270)

= 0°
 = 90°

In Rush Currents

High Bay Models

HE Models	Watt	In rush current @ input voltage			Time duration of in rush current @ input voltage		
		100V AC	230V AC	277V AC	120V AC	230V AC	277V AC
26K	186	7.7A	14.8A	17.8A	2ms	2ms	2ms
18K	129	7.7A	14.8A	17.8A	2ms	2ms	2ms
14K	102	7.7A	14.8A	17.8A	2ms	2ms	2ms
11K	80	7.7A	14.8A	17.8A	2ms	2ms	2ms

Low Bay Models

LE Models	Watt	In rush current @ input voltage			Time duration of in rush current @ input voltage		
		120V AC	230V AC	277V AC	120V AC	230V AC	277V AC
18K	154	7.7A	14.8A	17.8A	2ms	2ms	2ms
14K	114	7.7A	14.8A	17.8A	2ms	2ms	2ms
9K	80	7.7A	14.8A	17.8A	2ms	2ms	2ms
6K	56	7.7A	14.8A	17.8A	2ms	2ms	2ms
4K	42	7.7A	14.8A	17.8A	2ms	2ms	2ms

In Rush Currents

Passive Models

Passive Electrical	347V		480V	
	Peak current (A)	T50 Duration (ms)	Peak current (A)	T50 Duration (ms)
26k	4	3	8	2
18k	3.5	3	6	2
14k	2	4	6	2
11k	2	4	6	2

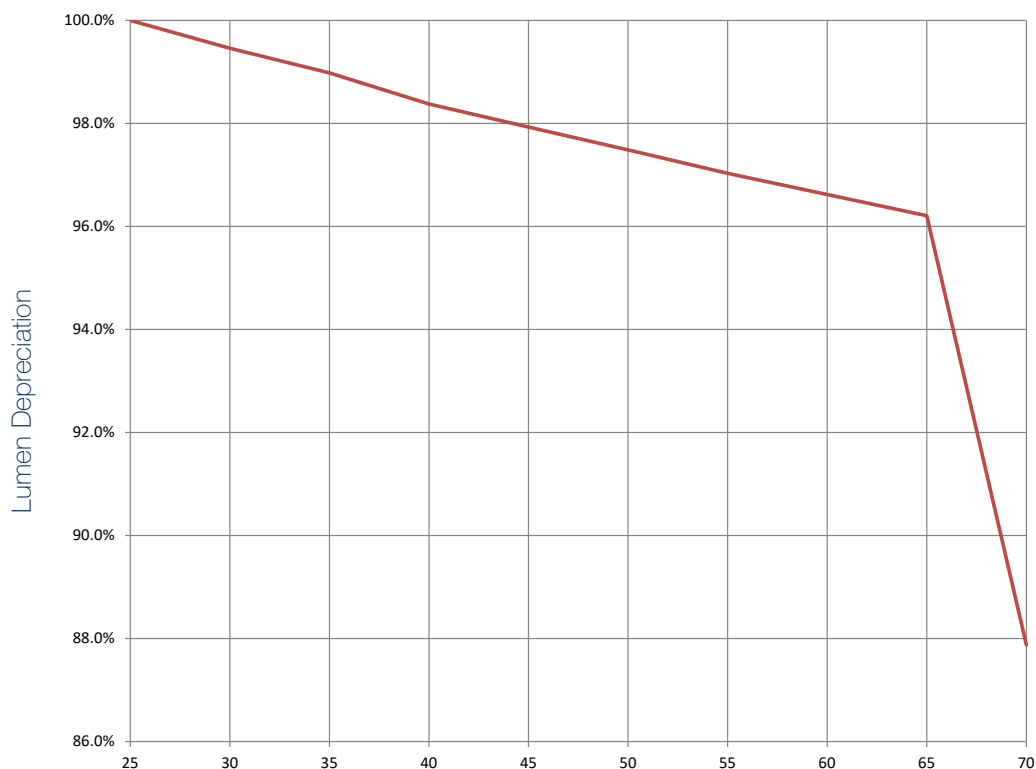
CID1 Models

HEC/ HEM HEP Models	Watt	In rush current @ input voltage			Time duration of in rush current @ input voltage		
		120V AC	230V AC	277V AC	120V AC	230V AC	277V AC
23K	186	7.7A	14.8A	17.8A	2mS	2mS	2mS
18K	129	7.7A	14.8A	17.8A	2mS	2mS	2mS
12K	102	7.7A	14.8A	17.8A	2mS	2mS	2mS
9K	80	7.7A	14.8A	17.8A	2mS	2mS	2mS

Lumen Maintenance Factor

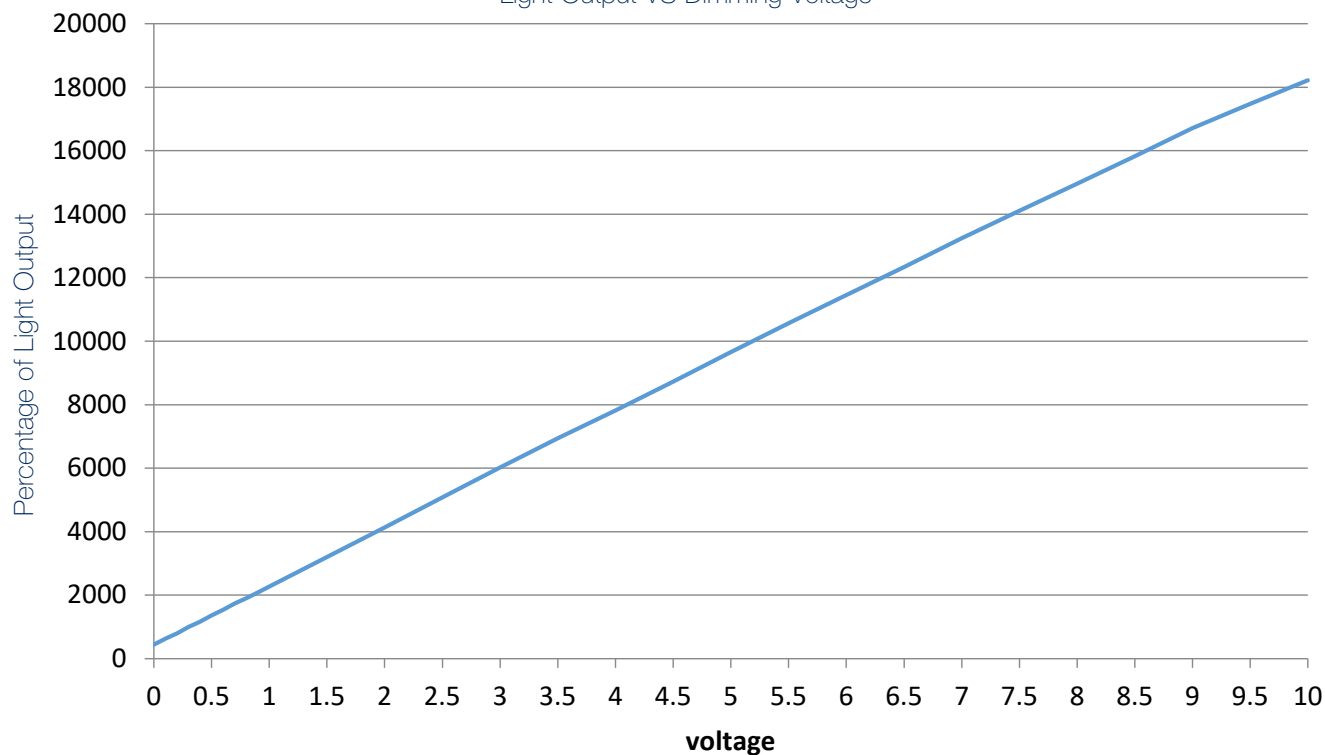
Vigilant High Bay (Hours)										
Ambient Celsius	Ambient	0	15000	30000	45000	60000	75000	90000	100000	150000
	25	100%	98%	97%	96%	95%	94%	93%	92%	89%
	30	99%	96%	95%	94%	93%	92%	91%	90%	87%
	35	98%	95%	94%	93%	92%	91%	89%	89%	85%
	40	97%	94%	93%	92%	90%	89%	88%	87%	83%
	45	96%	93%	91%	90%	89%	87%	86%	85%	80%
	50	95%	92%	90%	88%	87%	85%	84%	83%	78%
	55	94%	90%	89%	87%	85%	83%	82%	81%	75%
	60	93%	89%	87%	85%	83%	82%	80%	79%	73%
	65	90%	85%	83%	80%	78%	76%	74%	73%	67%

Thermal Roll-Off



Dimming Characterization 0 - 10V

Light Output VS Dimming Voltage



Vigilant® LED High Bay / Low Bay 100-277V AC

Mounting Accessories



HBXW3-SSL-316
HBXW3-SSL-304

- Stainless steel bracket



HBXCAB48

- 48" long stainless steel safety rope (for use with safety bracket)



HBXDC

- 21° slope dust cover

HBXDC45

- 45° slope dust cover

HBXDC60

- 60° slope dust cover

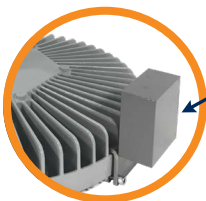


HBXW3-SSL-304FT

- 304 stainless steel forward throw bracket

HBXW3-SSL-316FT

- 316 Stainless steel forward throw bracket



HBXCBOCCFSPG
HBXCBOCCFSPK

(Counter Balance Occ)

- Powder Coated Steel
- Stainless Steel



HBXCG

- Cable gland



HBXW2

- Swivel bracket and cable gland

HBXW3

- Swivel bracket



HBXSB316

- Stainless Steel (4x)



HBXDUALBRCKT

- Dual bracket



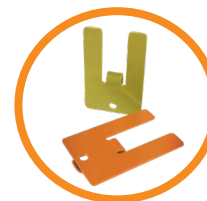
HBXCU

- Ceiling / wall mount



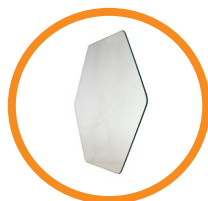
LBXLENP

- Polycarbonate dome lens replacement



HBXFLAG-Y
HBXFLAG-O

- Yellow Aluminum
- Orange Aluminum



HBXLENGC

- Tempered glass, clear

HBXLENPC

- Polycarbonate lens, clear

HBXLENAC

- Acrylic lens, clear



HBXREF16 Acrylic Reflector

HBXLENPD

- Polycarbonate lens, diffused

HBXLENAD

- Acrylic lens, diffused

HBXLENGD

- Tempered glass, diffused

Notes

- 1) HBXLENGC Not applicable for Low Bay (Ultra Wide)

Vigilant® LED High Bay 347V-480V AC - UL / CSA

Mounting Accessories



HLXW2-SS

- 316 stainless steel swivel bracket and cable gland

HLXW3-SS

- 316 Stainless Steel swivel bracket



HBXW3-SSL-316FT

HBXW3-SSL-304FT

- Stainless steel forward throw bracket



HBXHL

- Hook



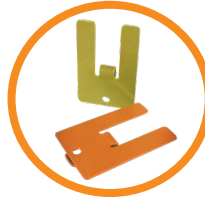
HBXCU

- Ceiling / wall mount



HBXCG

- Cable gland



HBXFLAG-Y

HBXFLAG-O

- Yellow Aluminum
- Orange Aluminum



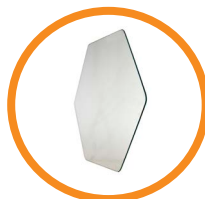
HBXSB316

- Stainless Steel (4x)



HBXCAB48

- 48" long stainless steel safety rope (for use with safety bracket)



HBXLENGC

- Tempered glass, clear

HBXLENPC

- Polycarbonate lens, clear

HBXLENAC

- Acrylic lens, clear

HBXLENPD

- Polycarbonate lens, diffused

HBXLENAD

- Acrylic lens, diffused

LBXLENP

- Polycarbonate dome lens



HBXREF16 Acrylic Reflector



H6X-H

- Hook option for 347/480V transformer models

SafeSite® LED High Bay - High Efficiency - UL 844

Mounting Accessories



Classifications:
CID1 • CID2

HBXW1

- Wall mount



Classifications: CID2

HBXW2

- Swivel bracket and cable gland



HBXFLAG-Y

HBXFLAG-O

- Yellow Aluminum
- Orange Aluminum



Classifications:
CID2

HBXCG

- Cable gland



Classifications: CID2

HBX-DUAL-BRCKT

- Dual bracket



HBXSB 316

- Stainless Steel (4x)



Classifications:
CID1 • CID2

HBXC1

- Ceiling mount



Classifications:

CID1 • CID2

HBXW3-SSL-316

- Stainless steel swivel bracket

HBXW3-SSL-304

- 316 Stainless steel swivel bracket
- 304 Stainless steel



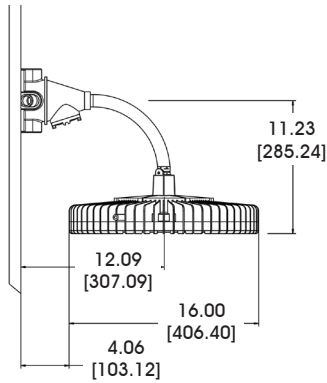
HBXCAB48

- 48" long stainless steel safety rope (for use with safety bracket)

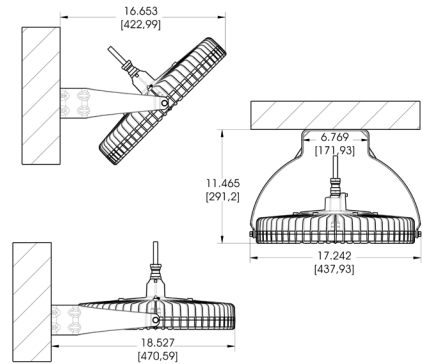
SafeSite® LED High Bay - High Efficiency - UL 844

Dimensional Drawings

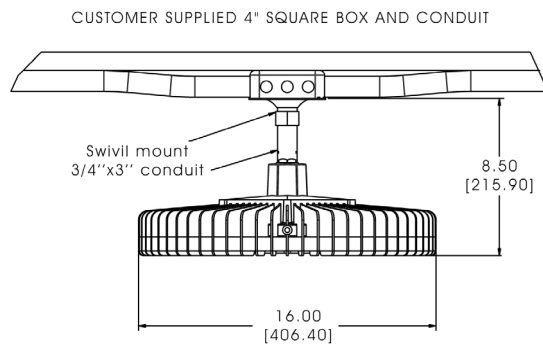
HBXW1 - Wall mount



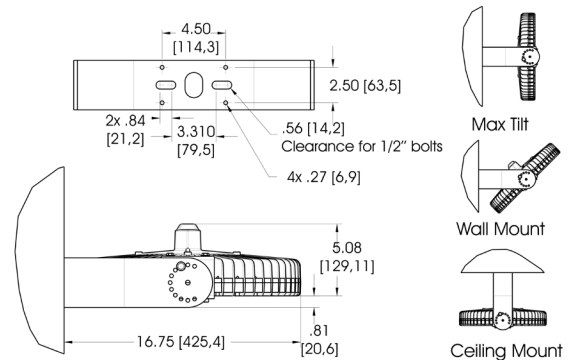
HBXW2 - Swivel bracket and cable gland



HBXCU - Ceiling mount



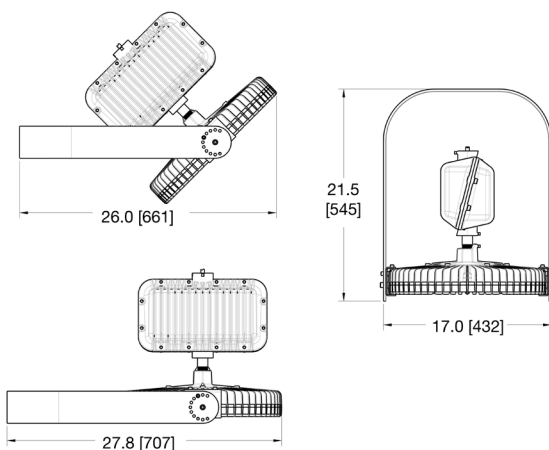
HBXW3-SSL-xxx - Stainless steel bracket



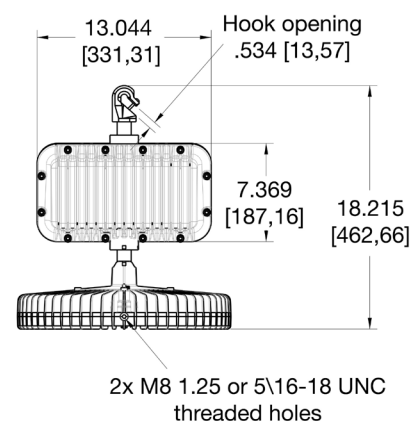
Vigilant® LED High Bay Passive Power Supply - UL / CSA

Dimensional Drawings

HLXW3-SS - Swivel Bracket



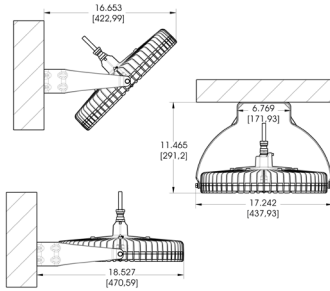
HBXHL - Hook



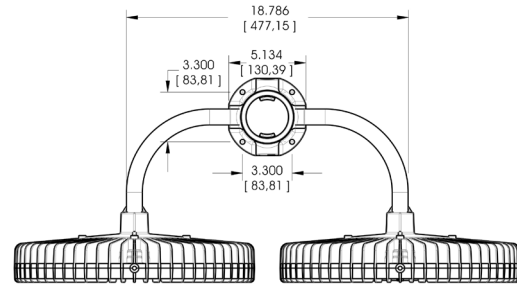
Vigilant® LED High Bay/ Low Bay - UL / CSA

Dimensional Drawings

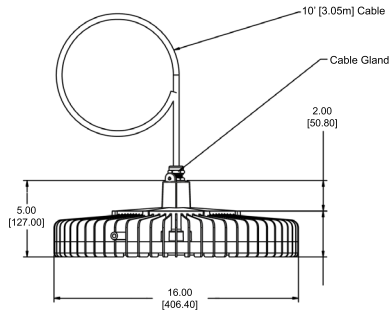
HBXW2 - Swivel Bracket and Cable Gland



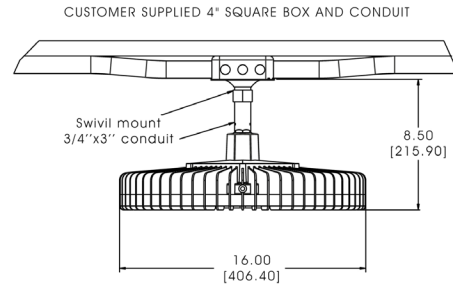
HBXDUALBRCKT - Dual Bracket



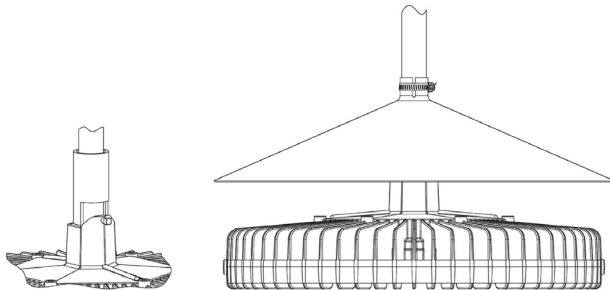
HBXCG - Cable Gland



HBXCU - Ceiling Mount



HBXDC - Dust Cover (HBXDC30 & HBXDC60)



Hazardous Locations Ratings - UL

Fixed and portable fixtures for installation and use in hazardous (classified) locations Class I, Divisions 1 and 2, Groups A, B, C, and D; Class II, Division 1, Groups E, F, and G; Class II, Division 2, Groups F and G; and Class III, Divisions 1 and 2, in accordance with the National Electrical Code, NFPA 70

Classes

The classes define the general nature of hazardous material in the surrounding atmosphere.

Class	Hazardous Material in Surrounding Atmosphere
Class I	Hazardous because flammable gases or vapors are present in the air in quantities sufficient to produce explosive or ignitable mixtures
Class II	Hazardous because combustible or conductive dusts are present
Class III	Hazardous because ignitable fibers or flying's are present, but not likely to be in suspension in sufficient quantities to produce ignitable mixtures. Typical wood chips, cotton, flax and nylon. Group classifications are not applied to this class

Divisions

The division defines the probability of hazardous material being present in an ignitable concentration in the surrounding atmosphere.

Division	Presence of Hazardous Material
Division 1	The substance referred to by class is present during normal conditions
Division 2	The substance referred to by class is present only in abnormal conditions, such as a container failure or system breakdown

Groups

The group defines the hazardous material in the surrounding atmosphere.

Group	Hazardous Material in Surrounding Atmosphere
Group A	Acetylene
Group B	Hydrogen, fuel and combustible process gases containing more than 30% hydrogen by volume or gases of equivalent hazard such as butadiene, ethylene, oxide, propylene oxide and acrolein
Group C	Carbon monoxide, ether, hydrogen sulfide, morphine, cyclopropane, ethyl and ethylene or gases of equivalent hazard
Group D	Gasoline, acetone, ammonia, benzene, butane, cyclopropane, ethanol, hexane, methanol, methane, vinyl chloride, natural gas, naphtha, propane or gases of equivalent hazard
Group E	Combustible metal dusts, including aluminum, magnesium and their commercial alloys or other combustible dusts whose particle size, abrasiveness and conductivity present similar hazards in connection with electrical equipment
Group F	Carbonaceous dusts, carbon black, coal black, charcoal, coal or coke dusts that have more than 8% total entrapped volatiles or dusts that have been sensitized by other material so they present an explosion hazard
Group G	Flour dust, grain dust, flour, starch, sugar, wood, plastic and chemicals

Reference:
http://www.engineeringtoolbox.com/hazardous-areas-classification-d_347.html

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