Dialight





Dialight Ultra-Efficient LED High Bay

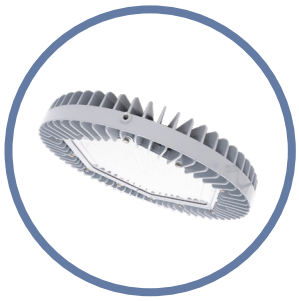
Technical Specification Sheet - Americas

JULY 2026

Vigilant® Ultra-Efficient LED High Bay - UL / CSA

Technical Information

Corded Model



Mechanical Information:

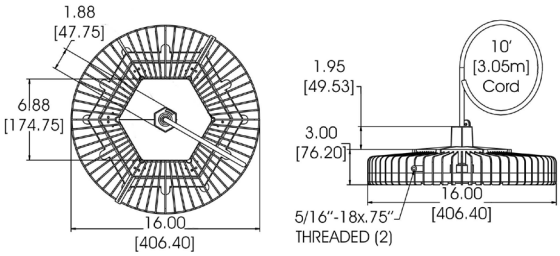
Fixture weight:
18 lbs (8.16kg)

Shipping weight:
24 lbs (10.8kg)

Mounting:
3/4" NPT - top
Various Kits

Power Cord:
10' 18 AWG STOOW / SOOW

Patent pending



Integrated Wiring Box Model



Mechanical Information:

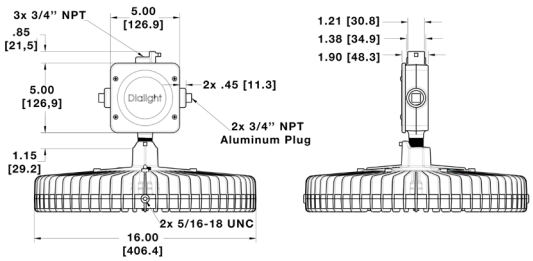
Fixture weight:
20 lbs (9 kg)

Shipping weight:
26 lbs (12 kg)

Mounting:
3/4" NPT or Hook

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





Dimensions in inches (mm)

Certifications & Ratings:

10 year warranty

UL 1598/A	CSA C22.2 No. 250.0
UL 8750	NEMA 4X
IP66/67	L70 rated for >150,000 hours

IK10 (polycarbonate) / IK06 (acrylic) / IK05 (glass)

Variable Dimming:

Variable Dimming Control: 0-10 VDC

Dimming Range: 10 VDC = 100% light output
0 VDC = <10% light output

Electrical Specifications:

Operating Voltage: 100-277 VAC, 120-250 VDC
347-480 VAC
250-480 VAC, 250-480 VDC
(600 VAC / 778 VDC short-term swell capacity)

Total system power consumption: See table

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

Harmonics: IEC 61000-3-2 Class C

EMC: FCC Title 47, Subpart B, Section 15, class A device. RF Immunity; 10V/m, 80MHz-1GHz

Transient protection: 100-277 VAC models tested to withstand up to 8kV/4kA per IEEE C62.41.
347-480 VAC models tested to withstand up to 6kV/3kA per IEEE C62.41

THD: <20%

Power Factor: >0.9

Fusing: Internal

Power Supply:

ALT: (accelerated life testing) Over 15 yr equivalent at 24/7 service

MTBF: (mean time between failures) Over 300 years with annual failure rate less than 0.3% expected

Driver: Fully potted and sealed for superior protection

Construction:

Housing: Copper free aluminum

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

Lens: See table

Vibration: Up to 5G @ 10-150Hz for 750,000 cycles, per IEC 60068-2-6 for luminaire only

Shock: 50G half-sine for 3 cycles, per IEC 60068-2-27 for luminaire only

Photometric Information:

CRI: 80

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

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

WARNING - INSTALLATION & SECONDARY RETENTION. Use of any Dialight products without proper installation (including secondary retention / netting) and periodic inspections could cause severe injury or death. Dialight recommends that all installations should use secondary retention / netting (appropriate to the installation environment) where applicable. It is the exclusive responsibility of the contractor, installer and/or end-user to: (a) determine the suitability of the product for its intended application; and, (b) ensure that the product is safely installed (with secondary retention / netting where appropriate) and in compliance with all applicable laws and regulations. To the extent permissible under applicable laws, Dialight disclaims all liability for personal injury and/or other damage resulting from any dislodgment or other dislocation of its products.

Vigilant® Ultra-Efficient LED High Bay - UL / CSA

Battery Backup Model

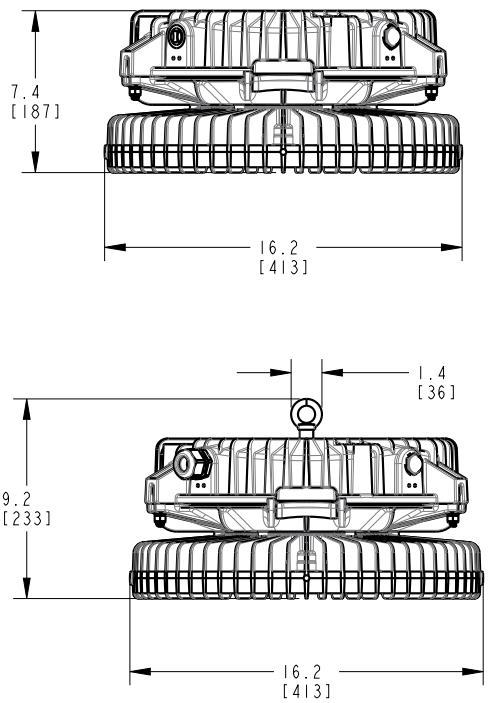


Mechanical Information:

Fixture weight:
39 lbs (17.7 kg) max

Shipping weight:
46 lbs (20.9 kg) max

Mounting:
3/4" NPT - top
Hook



Dimensions in inches (mm)

Certifications & Ratings:

10 year warranty (excluding battery)

UL 1598/A	IP66/67
UL 924	NEMA 4X
UL 8750	L70 rated for >150,000 hours

CSA C22.2 No. 250.0
IK10 (polycarbonate) / IK06 (acrylic) / IK05 (glass)

Variable Dimming:

Variable Dimming Control: 0-10 VDC

Dimming Range: 10 VDC = 100% light output
0 VDC = <10% light output

Electrical Specifications:

Operating Voltage:	120-277 VAC
Total system power consumption:	See table
Operating Temp:	-4°F to +131°F (-20°C to+55°C)
Battery Power:	10W or 20W
Harmonics:	IEC 61000-3-2 Class C
EMC:	FCC Title 47, Subpart B, Section 15, class A device. RF Immunity; 10V/m, 80MHz-1GHz
Transient protection:	120-277 VAC models tested to withstand up to 6kV/3kA per IEEE C62.41.
THD:	<20%
Power Factor:	>0.9
Fusing:	Internal

Power Supply:

ALT: (accelerated life testing)	Over 15 yr equivalent at 24/7 service
MTBF: (mean time between failures)	Over 300 years with annual failure rate less than 0.3% expected
Driver:	Fully potted and sealed for superior protection

Construction:

Housing:	Copper free aluminum
Finish:	Superior dual coat finish Sealed polyester topcoat Chemical-resistant epoxy primer
Lens:	See table
Vibration:	Sinusoidal vibration tested per IEC 60068-2-6

Photometric Information:

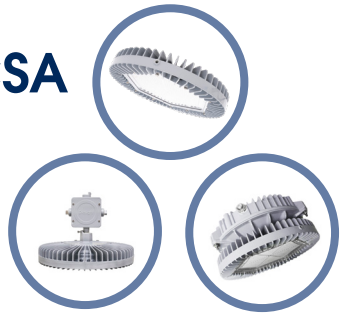
CRI:	80
CCT:	5000K (cool white) 4000K (neutral white)

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

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Vigilant® Ultra-Efficient LED High Bay - UL / CSA

Ordering Information



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

Specifications

Ordering Information

V	-		-	U	-		-		-		-		-		-		-		-	N	-	G	-	
Product Code		Junction Box		Cert.		Lens Material		Beam Dist.		CCT & CRI		Oper. Voltage		Lumen Type		Controls		Mounting Options		Power Cable		Elect. Access.		Coatings		Battery

Product Code

V	Vigilant® Ultra-Efficient

Junction Box

C	Wiring Box
E	No Junction Box

Certification

U	UL 1598/A, CSA

Lens Material

4	Polycarbonate - Clear
7	Tempered Glass - Clear
L	Polycarbonate Dome - Diffused

Beam Distribution

E	Aisle
M	Medium
N	Narrow
R	High Efficacy Round

CCT & CRI

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

Operating Voltage

2	100-277 VAC / 120-250 VDC
5	347-480 VAC
Y	250-480 VAC / 250-480 VDC[3]

Lumen Type[1]

A	11,600 Lumens
B	14,400 Lumens
C	18,400 Lumens
E	25,300 Lumens
F	29,700 Lumens
H	34,300 Lumens
J	39,700 Lumens[3]
K	44,200 Lumens[4]

Controls

D	Continuous Dimming
J	IntelliLED Wireless
N	No Option
Q	Microwave Occupancy Sensor 40'[2]

Mounting Options

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

Power Cable

N	No Cord (Wiring Box only)
W	10' [3 meter] Power Cable

Electrical Accessories*

N	No Plug

*Cord & plug options available upon request

Coatings

G	Gray (RAL 7040)

Battery

G	Battery Backup - 10W[5]
H	Battery Backup - 20W[5]
N	No Option

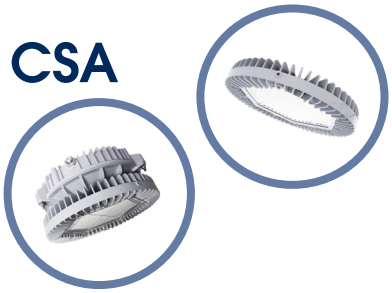
Notes

1) Lumen type based on using a glass lens, round optic. See page 14 for output of other options.
2) Occupancy Sensor models are dry locations only and are IP6X rated with a -20°C to +65°C ambient temperature range.
3) When ordering Operating Voltage = (Y) and Lumen Type = (J), maximum ambient temperature is +55°C (131°F).
4) Maximum ambient temperature = 55° C
5) Battery Backup only available with Junction Box = (E) and Operating Volage = (2).

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Vigilant® Ultra-Efficient LED High Bay - UL / CSA

Ordering Information



Part Number	Lumens	Wattage	lm/W	CCT, CRI	Lens	Beam Distribution	Hardware Options	Wiring
Corded Model - 3/4" Conduit - 100-277 VAC / 120-250 VDC								
VEU-7NC2-KNNW-NGN[1]	42,900	270	159	CW, 80CRI	Glass	Narrow	Pendant 3/4" NPT	10' Power Cable
VEU-7MC2-KNNW-NGN[1]	42,000	270	156	CW, 80CRI	Glass	Medium	Pendant 3/4" NPT	10' Power Cable
VEU-7NC2-JNNW-NGN	38,200	230	166	CW, 80CRI	Glass	Narrow	Pendant 3/4" NPT	10' Power Cable
VEU-7MC2-JNNW-NGN	37,400	230	163	CW, 80CRI	Glass	Medium	Pendant 3/4" NPT	10' Power Cable
VEU-7MC2-HNNW-NGN	32,300	195	166	CW, 80CRI	Glass	Medium	Pendant 3/4" NPT	10' Power Cable
VEU-7MC2-FNNW-NGN	28,000	165	170	CW, 80CRI	Glass	Medium	Pendant 3/4" NPT	10' Power Cable
VEU-7MC2-ENNW-NGN	23,800	140	170	CW, 80CRI	Glass	Medium	Pendant 3/4" NPT	10' Power Cable
Corded Model - 3/4" Conduit - 347-480 VAC								
VEU-7NC5-JNNW-NGN	38,200	230	166	CW, 80CRI	Glass	Narrow	Pendant 3/4" NPT	10' Power Cable
VEU-7MC5-JNNW-NGN	37,400	230	163	CW, 80CRI	Glass	Medium	Pendant 3/4" NPT	10' Power Cable
VEU-7MC5-HNNW-NGN	32,300	195	166	CW, 80CRI	Glass	Medium	Pendant 3/4" NPT	10' Power Cable
VEU-7MC5-FNNW-NGN	28,000	165	170	CW, 80CRI	Glass	Medium	Pendant 3/4" NPT	10' Power Cable
VEU-7MC5-ENNW-NGN	23,800	140	170	CW, 80CRI	Glass	Medium	Pendant 3/4" NPT	10' Power Cable
Integrated Wiring Box Model - Hook - 100-277 VAC / 120-250 VDC								
VCU-7NC2-JDHN-NGN	38,200	230	166	CW, 80CRI	Glass	Narrow	Hook	Wiring Box
VCU-7MC2-JDHN-NGN	37,400	230	163	CW, 80CRI	Glass	Medium	Hook	Wiring Box
VCU-7MC2-HDHN-NGN	32,300	195	166	CW, 80CRI	Glass	Medium	Hook	Wiring Box
VCU-7MC2-FDHN-NGN	28,000	165	170	CW, 80CRI	Glass	Medium	Hook	Wiring Box
VCU-7MC2-EDHN-NGN	23,800	140	170	CW, 80CRI	Glass	Medium	Hook	Wiring Box
Integrated Wiring Box Model - Hook - 347-480 VAC								
VCU-7NC5-JDHN-NGN	38,200	230	166	CW, 80CRI	Glass	Narrow	Hook	Wiring Box
VCU-7MC5-JDHN-NGN	37,400	230	163	CW, 80CRI	Glass	Medium	Hook	Wiring Box
VCU-7MC5-HDHN-NGN	32,300	195	166	CW, 80CRI	Glass	Medium	Hook	Wiring Box
VCU-7MC5-FDHN-NGN	28,000	165	170	CW, 80CRI	Glass	Medium	Hook	Wiring Box
VCU-7MC5-EDHN-NGN	23,800	140	170	CW, 80CRI	Glass	Medium	Hook	Wiring Box
20W Battery Backup - 120-277 VAC								
VEU-7NC2-JDNN-NGH	38,200	236	162	CW, 80CRI	Glass	Narrow	Pendant 3/4" NPT	Wiring Box
VEU-7MC2-JDNN-NGH	37,400	236	158	CW, 80CRI	Glass	Medium	Pendant 3/4" NPT	Wiring Box
VEU-7MC2-HDNN-NGH	32,300	201	161	CW, 80CRI	Glass	Medium	Pendant 3/4" NPT	Wiring Box
VEU-7MC2-FDNN-NGH	28,000	171	164	CW, 80CRI	Glass	Medium	Pendant 3/4" NPT	Wiring Box
VEU-7MC2-EDNN-NGH	23,800	146	163	CW, 80CRI	Glass	Medium	Pendant 3/4" NPT	Wiring Box

All values typical unless otherwise stated (tolerance +/- 10%)
[1] Maximum ambient temperature = 55° C

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Vigilant® Ultra-Efficient LED Low Bay - UL / CSA

Technical Information

Corded Model



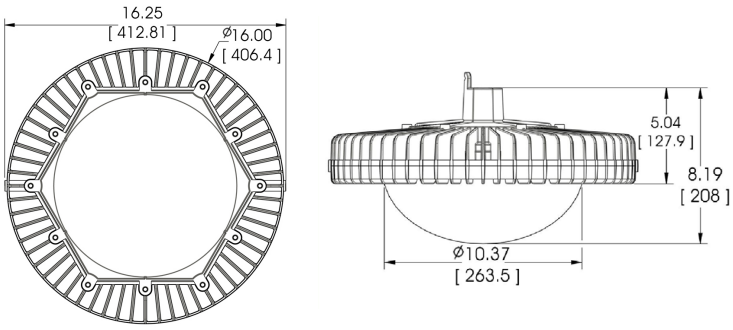
Mechanical Information:

Fixture weight:
18 lbs (8.16kg)

Shipping weight:
24 lbs (10.8kg)

Mounting:
3/4" NPT - top
Various Kits

Power Cord:
10' 18 AWG STOOW/SOOW



Integrated Wiring Box Model



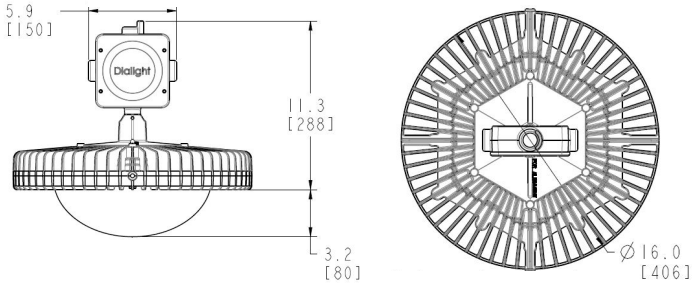
Mechanical Information:

Fixture weight:
20 lbs (9 kg)

Shipping weight:
26 lbs (12 kg)

Mounting:
3/4" NPT or Hook
Various Kits

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



Dimensions in inches (mm)

Certifications & Ratings:

10 year warranty	CSA C22.2 No. 250.0
UL 1598/A	NEMA 4X
UL 8750	L70 rated for >150,000 hours
IP66/67	IK10 (polycarbonate dome)

Variable Dimming:

Variable Dimming Control:	0-10 VDC
Dimming Range:	10 VDC = 100% light output 0 VDC = <10% light output

Occupancy Sensor:

Mounting Height:	Up to 40ft
Ingress Protection:	IP6X

Electrical Specifications:

Operating Voltage:	100-277 VAC (120-250 VDC) 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 Class C
EMC:	FCC Title 47, Subpart B, Section 15, class A device. RF Immunity; 10V/m, 80MHz-1GHz
Transient protection:	100-277 VAC models tested to withstand up to 8kV/4kA per IEEE C62.41 347-480VAC models tested to withstand up to 6kV/3kA per IEEE C62.41
THD:	6k-18k lm models: <20%
Power Factor:	>0.9
Fusing:	Internal

Power Supply:

ALT: **(accelerated life testing)**	Over 15 yr equivalent at 24/7 service
MTBF: **(mean time between failures)**	Over 300 years with annual failure rate less than 0.3% expected
Driver:	Fully potted and sealed for superior protection

Construction:

Housing:	Copper free aluminum
Finish:	Superior dual coat finish Sealed polyester topcoat Chemical-resistant epoxy primer
Lens:	See table
Vibration:	Up to 5G @ 10-150Hz for 750,000 cycles, per IEC 60068-2-6 for luminaire only
Shock:	50G half-sine for 3 cycles, per IEC 60068-2-27 for luminaire only

Photometric Information:

CRI:	80
CCT:	5000K (cool white) 4000K (neutral white)

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

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Vigilant® Ultra-Efficient LED Low Bay - UL / CSA

Battery Backup Model

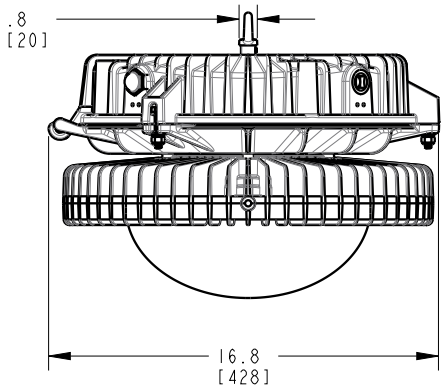


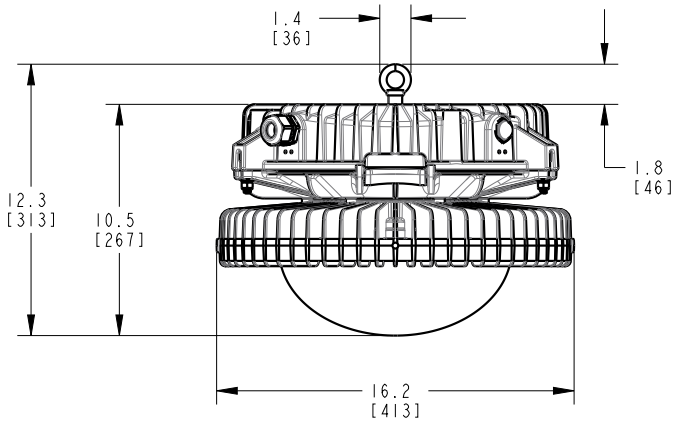
Mechanical Information:

Fixture weight:
39 lbs (17.7 kg) max

Shipping weight:
46 lbs (20.9 kg) max

Mounting:
3/4" NPT - top
Hook





Dimensions in inches (mm)

Certifications & Ratings:

10 year warranty (excluding battery)

UL 1598/A	IP66/67
UL 924	NEMA 4X
UL 8750	L70 rated for >150,000 hours
CSA C22.2 No. 250.0	IK10 (polycarbonate dome)

Variable Dimming:

Variable Dimming Control:	0-10 VDC
Dimming Range:	10 VDC = 100% light output 0 VDC = <10% light output

Electrical Specifications:

Operating Voltage:	120-277 VAC
Total system power consumption:	See table
Operating Temp:	-4°F to +131°F (-20°C to+55°C)
Battery Power:	10W or 20W
Harmonics:	IEC 61000-3-2 Class C
EMC:	FCC Title 47, Subpart B, Section 15, class A device. RF Immunity; 10V/m, 80MHz-1GHz
Transient protection:	120-277 VAC models tested to withstand up to 6kV/3kA per IEEE C62.41.
THD:	<20%
Power Factor:	>0.9
Fusing:	Internal

Power Supply:

ALT: **(accelerated life testing)**	Over 15 yr equivalent at 24/7 service
MTBF: **(mean time between failures)**	Over 300 years with annual failure rate less than 0.3% expected
Driver:	Fully potted and sealed for superior protection

Construction:

Housing:	Copper free aluminum
Finish:	Superior dual coat finish Sealed polyester topcoat Chemical-resistant epoxy primer
Lens:	See table
Vibration:	Sinusoidal vibration tested per IEC 60068-2-6

Photometric Information:

CRI:	80
CCT:	5000K (cool white) 4000K (neutral white)

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

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Vigilant® Ultra-Efficient LED Low Bay - UL / CSA

Ordering Information



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

Specifications

Ordering Information

V	-		-	U	-		-	U	-		-		-		-		-		-		-	N	-	G	-	
Product Code		Junction Box		Cert.		Lens Material		Beam Dist.		CCT & CRI		Oper. Voltage		Lumen Type		Controls		Mounting Options		Power Cable		Elect. Access.		Coatings		Battery

Product Code

V	Vigilant® Ultra-Efficient

Junction Box

C	Wiring Box
E	No Junction Box

Certification

U	UL 1598/A

Lens Material

2	Acrylic - Clear (dry location only)[2]
4	Polycarbonate - Clear
5	Polycarbonate - Diffused
L	Polycarbonate 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
5	347-480 VAC

Lumen Type[1]

6	6,100 Lumens
9	9,000 Lumens
B	13,400 Lumens
C	16,700 Lumens

Controls

D	Continuous Dimming
J	IntelliLED Wireless Controls
N	No Option
Q	Microwave Occ Sensor 40'[3]

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
W	10' [3 meter] Power Cable

Electrical Accessories*

N	No Plug

*Cord & plug options available upon request

Coatings

G	Gray (RAL 7040)

Battery

G	Battery Backup - 10W[4]
H	Battery Backup - 20W[4]
N	No Option

Notes

1) Lumen type based on using a polycarbonate done lens. See page 14 for output of other options.
2) Acrylic lens are dry location only.
3) Occupancy Sensor models are dry locations only and are IP6X rated with a -20°C to +65°C ambient temperature range.
4) Battery Backup only available with Junction Box = (E) and Operating Volage = (2).

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Vigilant® Ultra-Efficient LED Low Bay - UL / CSA

Ordering Information



Part Number	Lumens	Wattage	lm/W	CCT, CRI	Lens	Beam Distribution	Hardware Options	Wiring
Corded Model - 3/4” Conduit - 100-277 VAC / 120-250 VDC								
VEU-LUC2-CNNW-NGN	16,700	115	145	CW, 80CRI	Polycarbonate Dome - Diffused	Ultra Wide	Pendant 3/4" NPT	10' Power Cable
VEU-LUC2-BNNW-NGN	13,400	90	149	CW, 80CRI	Polycarbonate Dome - Diffused	Ultra Wide	Pendant 3/4" NPT	10' Power Cable
VEU-LUC2-9NNW-NGN	9,000	60	150	CW, 80CRI	Polycarbonate Dome - Diffused	Ultra Wide	Pendant 3/4" NPT	10' Power Cable
VEU-LUC2-6NNW-NGN	6,100	43	142	CW, 80CRI	Polycarbonate Dome - Diffused	Ultra Wide	Pendant 3/4" NPT	10' Power Cable
Corded Model - 3/4” Conduit - 347-480 VAC								
VEU-LUC5-CNNW-NGN	16,700	115	145	CW, 80CRI	Polycarbonate Dome - Diffused	Ultra Wide	Pendant 3/4" NPT	10' Power Cable
VEU-LUC5-BNNW-NGN	13,400	90	149	CW, 80CRI	Polycarbonate Dome - Diffused	Ultra Wide	Pendant 3/4" NPT	10' Power Cable
VEU-LUC5-9NNW-NGN	9,000	60	150	CW, 80CRI	Polycarbonate Dome - Diffused	Ultra Wide	Pendant 3/4" NPT	10' Power Cable
Integrated Wiring Box Model - Hook - 100-277 VAC / 120-250 VDC								
VCU-LUC2-CDHN-NGN	16,700	115	145	CW, 80CRI	Polycarbonate Dome - Diffused	Ultra Wide	Hook	Wiring Box
VCU-LUC2-BDHN-NGN	13,400	90	149	CW, 80CRI	Polycarbonate Dome - Diffused	Ultra Wide	Hook	Wiring Box
VCU-LUC2-9DHN-NGN	9,000	60	150	CW, 80CRI	Polycarbonate Dome - Diffused	Ultra Wide	Hook	Wiring Box
VCU-LUC2-6DHN-NGN	6,100	43	142	CW, 80CRI	Polycarbonate Dome - Diffused	Ultra Wide	Hook	Wiring Box
Integrated Wiring Box Model - Hook - 347-480 VAC								
VCU-LUC5-CDHN-NGN	16,700	115	145	CW, 80CRI	Polycarbonate Dome - Diffused	Ultra Wide	Hook	Wiring Box
VCU-LUC5-BDHN-NGN	13,400	90	149	CW, 80CRI	Polycarbonate Dome - Diffused	Ultra Wide	Hook	Wiring Box
VCU-LUC5-9DHN-NGN	9,000	60	150	CW, 80CRI	Polycarbonate Dome - Diffused	Ultra Wide	Hook	Wiring Box
10W Battery Backup - 120-277 VAC								
VEU-LUC2-CDNN-NGG	16,700	121	138	CW, 80CRI	Polycarbonate Dome - Diffused	Ultra Wide	Pendant 3/4" NPT	Wiring Box
VEU-LUC2-BDNN-NGG	13,400	96	140	CW, 80CRI	Polycarbonate Dome - Diffused	Ultra Wide	Pendant 3/4" NPT	Wiring Box
VEU-LUC2-9DNN-NGG	9,000	66	136	CW, 80CRI	Polycarbonate Dome - Diffused	Ultra Wide	Pendant 3/4" NPT	Wiring Box

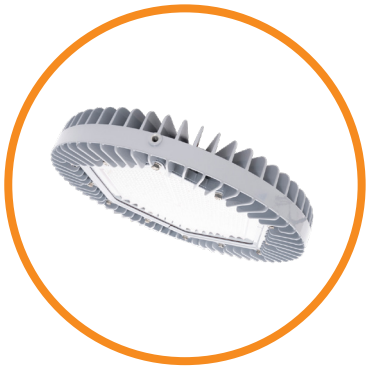
All values typical unless otherwise stated (tolerance +/- 10%)

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SafeSite® Ultra-Efficient LED High Bay - UL / CSA

Technical Information

Corded Model



Mechanical Information:

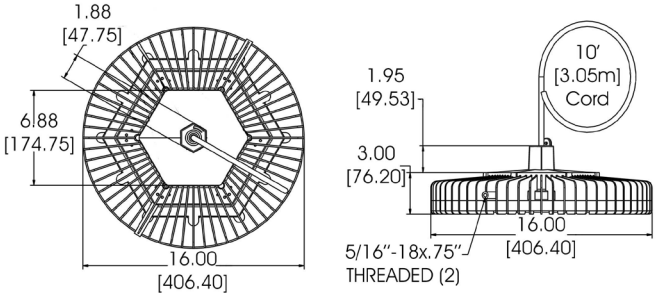
Fixture weight:
18 lbs (8.16kg)

Shipping weight:
24 lbs (10.8kg)

Mounting:
3/4" NPT - top
Various Kits

Power Cord:
10' 18 AWG STOOW/SOOW

Patent pending



Integrated Wiring Box Model



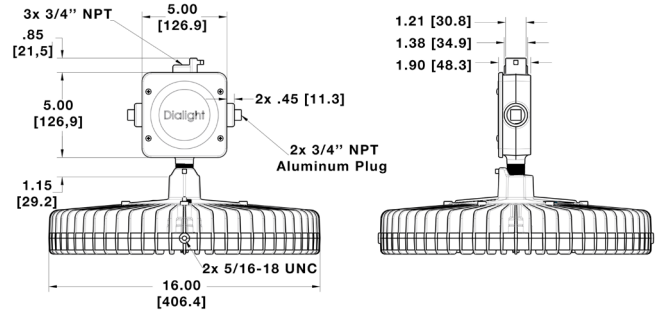
Mechanical Information:

Fixture weight:
20 lbs (9 kg)

Shipping weight:
26 lbs (12 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 +122°F (-40°C to +50°C)

Certifications & Ratings:

10 year warranty
UL 844 (wet locations) NEMA 4X
CSA 22.2 No. 137 UL 8750
IP66/67 L70 rated for >150,000 hours
IK10 (polycarbonate) / IK06 (acrylic) / IK05 (glass)
Class I, Div. 2 Groups A, B, C, D
Class I, Zone 2, Group IIC
Class II, Div. 1 Groups E, F, G (corded model only)
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 = <10% light output

Electrical Specifications:

Operating voltage: 100-277 VAC, 120-250 VDC
347-480 VAC

Power consumption: See table

Operating temp: -40°F to +149°F (-40°C to +65°C)

Harmonics: IEC 61000-3-2 Class C

EMC: FCC Title 47, Subpart B, Section 15, Class A device. RF Immunity; 10V/m, 80MHz-1GHz

Transient protection: 100-277 VAC models tested to withstand up to 8kV/4kA per IEEE C62.41
347-480VAC models tested to withstand up to 6kV/3kA per IEEE C62.41

THD: < 20%

Power factor: >0.9

Fusing: Internal

Power Supply:

ALT: (accelerated life testing) Over 15 yr equivalent at 24/7 service

MTBF: (mean time between failures) Over 300 years with annual failure rate less than 0.3% expected

Driver: Fully potted and sealed for superior protection

Construction:

Housing: Copper free aluminum

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

Lens: See table

Vibration: Up to 5G @ 10-150Hz for 750,000 cycles, per IEC 60068-2-6 for luminaire only

Shock: 50G half-sine for 3 cycles, per IEC 60068-2-27 for luminaire only

Photometric Information:

CRI: 80

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

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

WARNING - INSTALLATION & SECONDARY RETENTION. Use of any Dialight products without proper installation (including secondary retention / netting) and periodic inspections could cause severe injury or death. Dialight recommends that all installations should use secondary retention / netting (appropriate to the installation environment) where applicable. It is the exclusive responsibility of the contractor, installer and/or end-user to: (a) determine the suitability of the product for its intended application; and, (b) ensure that the product is safely installed (with secondary retention / netting where appropriate) and in compliance with all applicable laws and regulations. To the extent permissible under applicable laws, Dialight disclaims all liability for personal injury and/or other damage resulting from any dislodgment or other dislocation of its products.

SafeSite® Ultra-Efficient LED High Bay - UL / CSA

Battery Backup Model

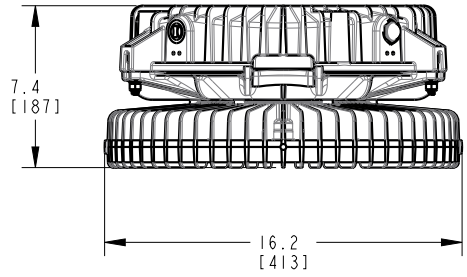


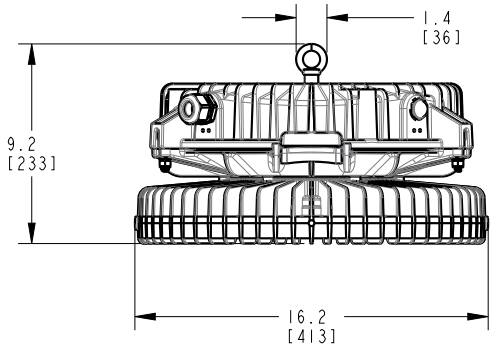
Mechanical Information:

Fixture weight:
39 lbs (17.7 kg) max

Shipping weight:
46 lbs (20.9 kg) max

Mounting:
3/4" NPT - top
Hook





Dimensions in inches (mm)

Temperature Ratings:

Ambient Temp Range T4A Temp Code:	-4°F to +131°F (-20°C to +55°C)

Certifications & Ratings:

10 year warranty (excluding battery)

UL 844 (wet locations)	NEMA 4X
UL 924	IP66/67
UL 8750	L70 rated for >150,000 hours

IK10 (polycarbonate) / IK06 (acrylic) / IK05 (glass)
CSA 22.2 No. 137
Class I, Div. 2 Groups A, B, C, D
Class I, Zone 2, Group IIC
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 = <10% light output

Electrical Specifications:

Operating voltage:	120-277 VAC
Power consumption:	See table
Operating temp:	-4°F to +131°F (-20°C to +55°C)
Harmonics:	IEC 61000-3-2 Class C
EMC:	FCC Title 47, Subpart B, Section 15, Class A device. RF Immunity; 10V/m, 80MHz-1GHz
Transient protection:	120-277 VAC models tested to withstand up to 6kV/3kA per IEEE C62.41
THD:	< 20%
Power factor:	>0.9
Fusing:	Internal

Power Supply:

ALT: (accelerated life testing)	Over 15 yr equivalent at 24/7 service
MTBF: (mean time between failures)	Over 300 years with annual failure rate less than 0.3% expected
Driver:	Fully potted and sealed for superior protection

Construction:

Housing:	Copper free aluminum
Finish:	Superior dual coat finish Sealed polyester topcoat Chemical-resistant epoxy primer
Lens:	See table
Vibration:	Sinusoidal vibration tested per IEC 60068-2-6

Photometric Information:

CRI:	80
CCT:	5000K (cool white) 4000K (neutral white)

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

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SafeSite® Ultra-Efficient LED High Bay - UL / CSA

Ordering Information



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

Specifications

Ordering Information

V	-		-	D	-		-		-		-		-		-		-		-	N	-	G	-	
Product Code		Junction Box		Cert.		Lens Material		Beam Dist.		CCT & CRI		Oper. Voltage		Lumen Type		Controls		Mounting Options		Power Cable		Elect. Access.		Coatings		Battery

Product Code

V	SafeSite® High Ultra-Efficient

Junction Box

C	Wiring Box[2]
E	No Junction Box

Certification

D	UL 844 CID2, CII, CIII Class I, Zone 2

Lens Material

4	Polycarbonate - Clear
7	Glass - Clear
L	Polycarbonate Dome - Diffused

Beam Distribution

E	Aisle
M	Medium
N	Narrow
R	High Efficacy Round

CCT & CRI

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

Operating Voltage

2	100-277 VAC / 120-250 VDC
5	347-480 VAC

Lumen Type[1]

A	11,600 Lumens
B	14,400 Lumens
C	18,400 Lumens
E	25,300 Lumens
F	29,700 Lumens
H	34,300 Lumens
J	39,700 Lumens

Controls

D	Continuous Dimming
J	IntelliLED Wireless
N	No Option
Q	Microwave Occupancy Sensor 40'[3]

Mounting Options

H	Hook
N	3/4" NPT
P	3/4" NPT with Safety Retention Tabs
R	Hook with Safety Retention Tools (Wiring Box only)

Power Cable

N	No Cord
W	10' [3 meter] Power Cable

Electrical Accessories

N	No Plug

*Cord & plug options available upon request

Coatings

G	Gray (RAL 7040)

Battery

G	Battery Backup - 10W[4]
H	Battery Backup - 20W[4]
N	No Option

Notes

1) Lumen type based on using a glass lens, round optic, 70CRI. See page 14 for output of other options.
2) Wiring Box is not CIID1 rated.
3) Occupancy Sensor models are dry locations only and are IP6X rated with a -20°C to +65°C ambient temperature range. Occupancy Sensor models are not CIID1 rated.
4) Battery Backup only available with Junction Box = (E) and Operating Volage = (2).

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SafeSite® Ultra-Efficient LED High Bay - UL / CSA

Ordering Information



Part Number	Lumens	Wattage	lm/W	CCT, CRI	Lens	Beam Distribution	Hardware Options	Wiring
Corded Model - 3/4" Conduit - 100-277 VAC / 120-250 VDC								
VED-7NC2-JNNW-NGN	38,200	230	166	CW, 80CRI	Glass	Narrow	Pendant 3/4" NPT	10' Power Cable
VED-7MC2-JNNW-NGN	37,400	230	163	CW, 80CRI	Glass	Medium	Pendant 3/4" NPT	10' Power Cable
VED-7MC2-HNNW-NGN	32,300	195	166	CW, 80CRI	Glass	Medium	Pendant 3/4" NPT	10' Power Cable
VED-7MC2-FNNW-NGN	28,000	165	170	CW, 80CRI	Glass	Medium	Pendant 3/4" NPT	10' Power Cable
VED-7MC2-ENNW-NGN	23,800	140	170	CW, 80CRI	Glass	Medium	Pendant 3/4" NPT	10' Power Cable
Corded Model - 3/4" Conduit - 347-480 VAC								
VED-7NC5-JNNW-NGN	38,200	230	166	CW, 80CRI	Glass	Narrow	Pendant 3/4" NPT	10' Power Cable
VED-7MC5-JNNW-NGN	37,400	230	163	CW, 80CRI	Glass	Medium	Pendant 3/4" NPT	10' Power Cable
VED-7MC5-HNNW-NGN	32,300	195	166	CW, 80CRI	Glass	Medium	Pendant 3/4" NPT	10' Power Cable
VED-7MC5-FNNW-NGN	28,000	165	170	CW, 80CRI	Glass	Medium	Pendant 3/4" NPT	10' Power Cable
VED-7MC5-ENNW-NGN	23,800	140	170	CW, 80CRI	Glass	Medium	Pendant 3/4" NPT	10' Power Cable
Integrated Wiring Box Model - Hook - 100-277 VAC / 120-250 VDC								
VCD-7NC2-JDHN-NGN	38,200	230	166	CW, 80CRI	Glass	Narrow	Hook	Wiring Box
VCD-7MC2-JDHN-NGN	37,400	230	163	CW, 80CRI	Glass	Medium	Hook	Wiring Box
VCD-7MC2-HDHN-NGN	32,300	195	166	CW, 80CRI	Glass	Medium	Hook	Wiring Box
VCD-7MC2-FDHN-NGN	28,000	165	170	CW, 80CRI	Glass	Medium	Hook	Wiring Box
VCD-7MC2-EDHN-NGN	23,800	140	170	CW, 80CRI	Glass	Medium	Hook	Wiring Box
Integrated Wiring Box Model - Hook - 347-480 VAC								
VCD-7NC5-JDHN-NGN	38,200	230	166	CW, 80CRI	Glass	Narrow	Hook	Wiring Box
VCD-7MC5-JDHN-NGN	37,400	230	163	CW, 80CRI	Glass	Medium	Hook	Wiring Box
VCD-7MC5-HDHN-NGN	32,300	195	166	CW, 80CRI	Glass	Medium	Hook	Wiring Box
VCD-7MC5-FDHN-NGN	28,000	165	170	CW, 80CRI	Glass	Medium	Hook	Wiring Box
VCD-7MC5-EDHN-NGN	23,800	140	170	CW, 80CRI	Glass	Medium	Hook	Wiring Box
20W Battery Backup - 120-277 VAC								
VED-7NC2-JDNN-NGH	38,200	236	162	CW, 80CRI	Glass	Narrow	Pendant 3/4" NPT	Wiring Box
VED-7MC2-JDNN-NGH	37,400	236	158	CW, 80CRI	Glass	Medium	Pendant 3/4" NPT	Wiring Box
VED-7MC2-HDNN-NGH	32,300	201	161	CW, 80CRI	Glass	Medium	Pendant 3/4" NPT	Wiring Box
VED-7MC2-FDNN-NGH	28,000	171	164	CW, 80CRI	Glass	Medium	Pendant 3/4" NPT	Wiring Box
VED-7MC2-EDNN-NGH	23,800	146	163	CW, 80CRI	Glass	Medium	Pendant 3/4" NPT	Wiring Box

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

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SafeSite® Ultra-Efficient LED Low Bay - UL / CSA

Technical Information

Corded Model



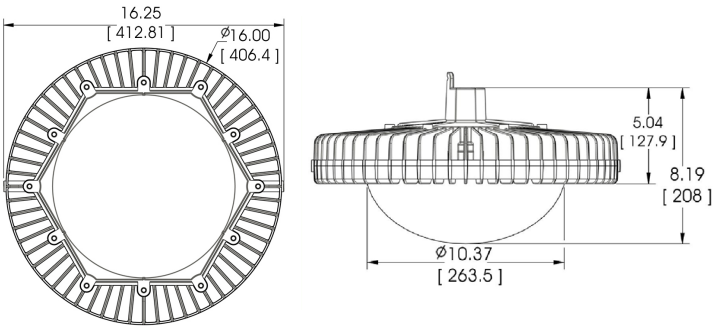
Mechanical Information:

Fixture weight:
18 lbs (8.16kg)

Shipping weight:
24 lbs (10.8kg)

Mounting:
3/4" NPT - top
Various Kits

Power Cord:
10' 18 AWG STOOW/SOOW



Integrated Wiring Box Model



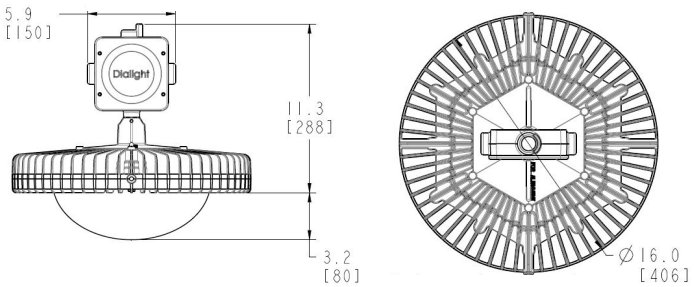
Mechanical Information:

Fixture weight:
20 lbs (9 kg)

Shipping weight:
26 lbs (12 kg)

Mounting:
3/4" NPT or Hook
Various Kits

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 +122°F (-40°C to +50°C)

Certifications & Ratings:

10 year warranty
UL1598/A (wet locations) — CSA 22.2 No. 250.0
UL 8750 — NEMA 4X
IP66/67 — L70 rated for >150,000 hours
IK10 (polycarbonate dome)
Class I, Div. 2 Groups A, B, C, D
Class I, Zone 2, Group IIC
Class II, Div. 1 Groups E, F, G (corded model only)
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 = <10% light output

Electrical Specifications:

Operating voltage:	100-277 VAC, 120-250 VDC 347-480 VAC
Power consumption:	See table
Operating temp:	-40°F to +149°F (-40°C to +65°C)
Harmonics:	IEC 61000-3-2 Class C
EMC:	FCC Title 47, Subpart B, Section 15, Class A device. RF Immunity; 10V/m, 80MHz-1GHz
Transient protection:	100-277 VAC models tested to withstand up to 8kV/4kA per IEEE C62.41 347-480VAC models tested to withstand up to 6kV/3kA per IEEE C62.41
THD:	6k-18k lm models: <20%
Power factor:	>0.9
Fusing:	Internal

Power Supply:

ALT: (accelerated life testing)	Over 15 yr equivalent at 24/7 service
MTBF: (mean time between failures)	Over 300 years with annual failure rate less than 0.3% expected
Driver:	Fully potted and sealed for superior protection

Construction:

Housing:	Copper free aluminum
Finish:	Superior dual coat finish Sealed polyester topcoat Chemical-resistant epoxy primer
Lens:	See table
Vibration:	Up to 5G @ 10-150Hz for 750,000 cycles, per IEC 60068-2-6 for luminaire only
Shock:	50G half-sine for 3 cycles, per IEC 60068-2-27 for luminaire only

Photometric Information:

CRI:	80
CCT:	5000K (cool white) 4000K (neutral white)

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

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SafeSite® Ultra-Efficient LED Low Bay - UL / CSA

Battery Backup Model

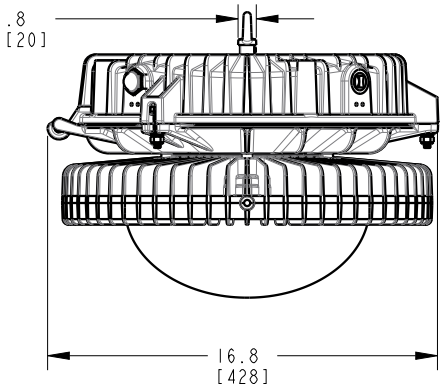


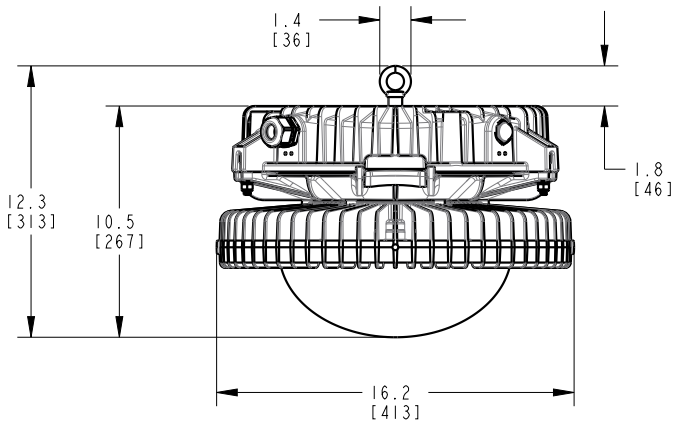
Mechanical Information:

Fixture weight:
39 lbs (17.7 kg) max

Shipping weight:
46 lbs (20.9 kg) max

Mounting:
3/4" NPT - top
Hook





Dimensions in inches (mm)

Temperature Ratings:

Ambient Temp Range T4A Temp Code:	-4°F to +131°F (-20°C to +55°C)

Certifications & Ratings:

10 year warranty (excluding battery)

UL1598/A (wet locations)	NEMA 4X
UL 924	IP66/67
UL 8750	L70 rated for >150,000 hours

IK10 (polycarbonate dome)
CSA 22.2 No. 250.0
Class I, Div. 2 Groups A, B, C, D
Class I, Zone 2, Group IIC
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 = <10% light output

Electrical Specifications:

Operating voltage:	120-277 VAC
Power consumption:	See table
Operating temp:	-4°F to +131°F (-20°C to +55°C)
Harmonics:	IEC 61000-3-2 Class C
EMC:	FCC Title 47, Subpart B, Section 15, Class A device. RF Immunity; 10V/m, 80MHz-1GHz
Transient protection:	120-277 VAC models tested to withstand up to 6kV/3kA per IEEE C62.41
THD:	6k-18k lm models: <20%
Power factor:	>0.9
Fusing:	Internal

Power Supply:

ALT: (accelerated life testing)	Over 15 yr equivalent at 24/7 service
MTBF: (mean time between failures)	Over 300 years with annual failure rate less than 0.3% expected
Driver:	Fully potted and sealed for superior protection

Construction:

Housing:	Copper free aluminum
Finish:	Superior dual coat finish Sealed polyester topcoat Chemical-resistant epoxy primer
Lens:	See table
Vibration:	Sinusoidal vibration tested per IEC 60068-2-6

Photometric Information:

CRI:	80
CCT:	5000K (cool white) 4000K (neutral white)

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

WARNING - INSTALLATION & SECONDARY RETENTION. Use of any Dialight products without proper installation (including secondary retention / netting) and periodic inspections could cause severe injury or death. Dialight recommends that all installations should use secondary retention / netting (appropriate to the installation environment) where applicable. It is the exclusive responsibility of the contractor, installer and/or end-user to: (a) determine the suitability of the product for its intended application; and, (b) ensure that the product is safely installed (with secondary retention / netting where appropriate) and in compliance with all applicable laws and regulations. To the extent permissible under applicable laws, Dialight disclaims all liability for personal injury and/or other damage resulting from any dislodgment or other dislocation of its products.

SafeSite® Ultra-Efficient LED Low Bay - UL / CSA

Ordering Information







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

Specifications

Ordering Information

V	-		-	D	-		-	U	-		-		-		-		-		-		-		-	N	-	G	-	
Product Code		Junction Box		Cert.		Lens Material		Beam Dist.		CCT & CRI		Oper. Voltage		Lumen Type		Controls		Mounting Options		Power Cable		Elect. Access.		Coatings		Battery		

Product Code

V	Vigilant® Ultra-Efficient

Junction Box

C	Wiring Box[2]
E	No Junction Box

Certification

D	UL 844 CID2, CII, CIII Class I, Zone 2

Lens Material

4	Polycarbonate - Clear
5	Polycarbonate - Diffused
L	Polycarbonate 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
5	347-480 VAC

Lumen Type[1]

6	6,100 Lumens
9	9,000 Lumens
B	13,400 Lumens
C	16,700 Lumens

Controls

D	Continuous Dimming
J	IntelliLED Wireless Controls
N	No Option
Q	Microwave Occ Sensor 40'[3]

Mounting Options

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

Power Cable

N	No Cord
W	10' [3 meter] Power Cable

Electrical Accessories*

N	No Plug

*Cord & plug options available upon request

Coatings

G	Gray (RAL 7040)

Battery

G	Battery Backup - 10W[4]
H	Battery Backup - 20W[4]
N	No Option

Notes

1) Lumen type based on using a polycarbonate done lens. See page 14 for output of other options.

2) Wiring Box is not CIID1 rated.

3) Occupancy Sensor models are dry locations only and are IP6X rated with a -20°C to +65°C ambient temperature range. Occupancy Sensor models are not CIID1 rated.

4) Battery Backup only available with Junction Box = (E) and Operating Volage = (2).

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SafeSite® Ultra-Efficient LED Low Bay - UL / CSA

Ordering Information



Part Number	Lumens	Wattage	lm/W	CCT, CRI	Lens	Beam Distribution	Hardware Options	Wiring
Corded Model - 3/4" Conduit - 100-277 VAC / 120-250 VDC								
VED-LUC2-CNNW-NGN	16,700	115	145	CW, 80CRI	Polycarbonate Dome - Diffused	Ultra Wide	Pendant 3/4" NPT	10' Power Cable
VED-LUC2-BNNW-NGN	13,400	90	149	CW, 80CRI	Polycarbonate Dome - Diffused	Ultra Wide	Pendant 3/4" NPT	10' Power Cable
VED-LUC2-9NNW-NGN	9,000	60	150	CW, 80CRI	Polycarbonate Dome - Diffused	Ultra Wide	Pendant 3/4" NPT	10' Power Cable
VED-LUC2-6NNW-NGN	6,100	43	142	CW, 80CRI	Polycarbonate Dome - Diffused	Ultra Wide	Pendant 3/4" NPT	10' Power Cable
Corded Model - 3/4" Conduit - 347-480 VAC								
VED-LUC5-CNNW-NGN	16,700	115	145	CW, 80CRI	Polycarbonate Dome - Diffused	Ultra Wide	Pendant 3/4" NPT	10' Power Cable
VED-LUC5-BNNW-NGN	13,400	90	149	CW, 80CRI	Polycarbonate Dome - Diffused	Ultra Wide	Pendant 3/4" NPT	10' Power Cable
VED-LUC5-9NNW-NGN	9,000	60	150	CW, 80CRI	Polycarbonate Dome - Diffused	Ultra Wide	Pendant 3/4" NPT	10' Power Cable
Integrated Wiring Box Model - Hook - 100-277 VAC / 120-250 VDC								
VCD-LUC2-CDHN-NGN	16,700	115	145	CW, 80CRI	Polycarbonate Dome - Diffused	Ultra Wide	Hook	Wiring Box
VCD-LUC2-BDHN-NGN	13,400	90	149	CW, 80CRI	Polycarbonate Dome - Diffused	Ultra Wide	Hook	Wiring Box
VCD-LUC2-9DHN-NGN	9,000	60	150	CW, 80CRI	Polycarbonate Dome - Diffused	Ultra Wide	Hook	Wiring Box
VCD-LUC2-6DHN-NGN	6,100	43	142	CW, 80CRI	Polycarbonate Dome - Diffused	Ultra Wide	Hook	Wiring Box
Integrated Wiring Box Model - Hook - 347-480 VAC								
VCD-LUC5-CDHN-NGN	16,700	115	145	CW, 80CRI	Polycarbonate Dome - Diffused	Ultra Wide	Hook	Wiring Box
VCD-LUC5-BDHN-NGN	13,400	90	149	CW, 80CRI	Polycarbonate Dome - Diffused	Ultra Wide	Hook	Wiring Box
VCD-LUC5-9DHN-NGN	9,000	60	150	CW, 80CRI	Polycarbonate Dome - Diffused	Ultra Wide	Hook	Wiring Box
10W Battery Backup - 120-277 VAC								
VED-LUC2-CDNN-NGG	16,700	121	138	CW, 80CRI	Polycarbonate Dome - Diffused	Ultra Wide	Pendant 3/4" NPT	Wiring Box
VED-LUC2-BDNN-NGG	13,400	96	140	CW, 80CRI	Polycarbonate Dome - Diffused	Ultra Wide	Pendant 3/4" NPT	Wiring Box
VED-LUC2-9DNN-NGG	9,000	66	136	CW, 80CRI	Polycarbonate Dome - Diffused	Ultra Wide	Pendant 3/4" NPT	Wiring Box

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

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Lumen Tables

High Bay

Vigilant High Bay 100-277 VAC, 120-250 VDC and 347-480 VAC and 250-480 VDC					
Output	Wattage	Optic	Lens Material	80 CRI, 5000K / 4000K CCT	
				Lumen Output	lm/W
K	270	High Efficacy Round	Glass	44,200	164
J	230			39,700	173
H	195			34,300	176
F	165			29,700	180
E	140			25,300	181
C	96			18,400	192
B	80			14,400	180
A	65			11,600	178

Variable	Type	Scale Factor
Lens	Glass - Clear	100%
	Acrylic - Clear	100%
	Polycarbonate - Clear	99%
	Polycarbonate - Dome Diffused	98%
Optic	Round	100%
	Narrow	97%
	Medium	95%
	Aisle	92%

*Optional battery backup will add 6W to fixture wattage

Low Bay

Vigilant Low Bay 100-277 VAC, 120-250 VDC and 347-480 VAC, 250-480 VAC					
Output	Wattage	Optic	Lens Material	80 CRI, 5000K / 4000K CCT	
				Lumen Output	lm/W
6	43	Ultra Wide	Polycarbonate - Dome	6,100	142
9	60			9,000	150
B	90			13,400	149
C	115			16,700	144

Variable	Type	Scale Factor
Lens	Acrylic - Clear	102%
	Polycarbonate - Clear	101%
	Polycarbonate - Dome Diffused	100%

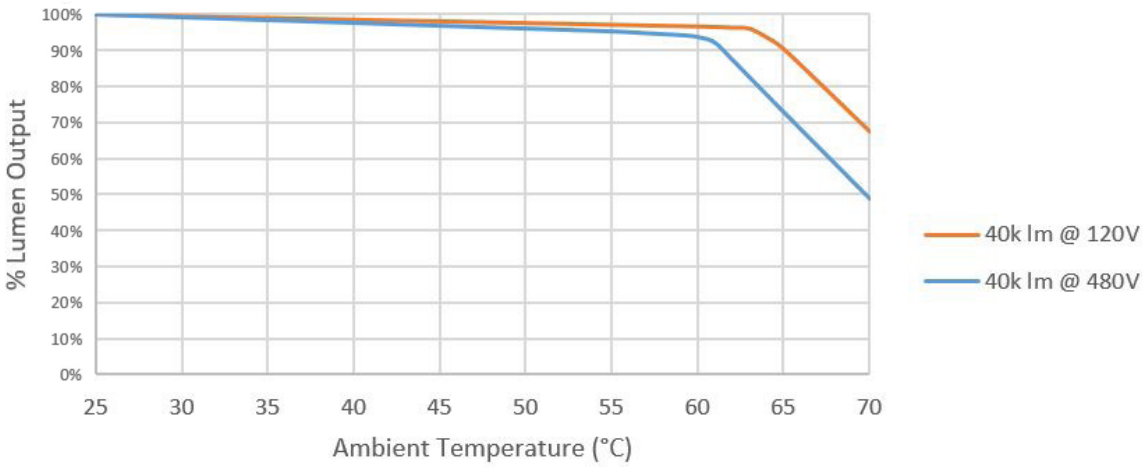
Battery Backup

lm/W	10W Battery - Lumens	20W Battery - Lumens
140	1,400	2,800
150	1,500	3,000
160	1,600	3,200
170	1,700	3,400
180	1800	3600
190	1900	3800
200	2,000	4,000

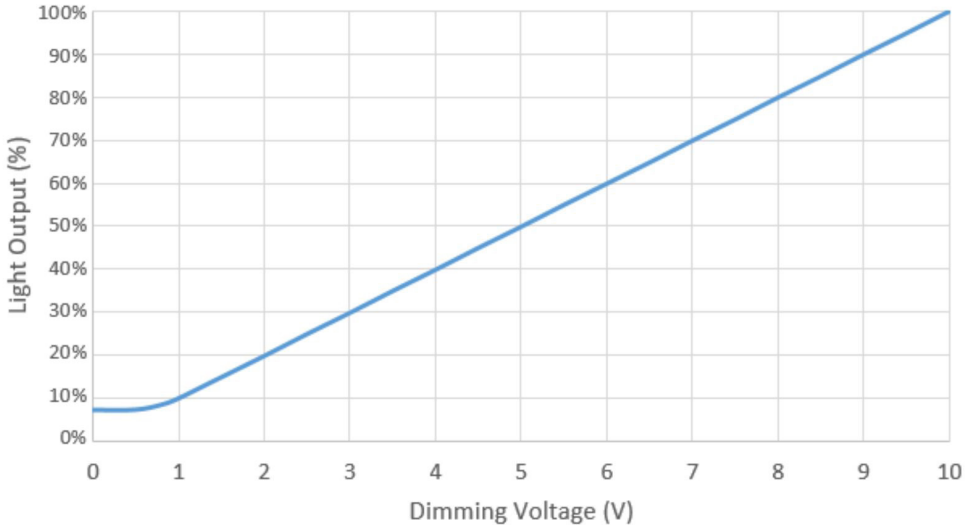
Battery performance at 25°C ambient temperature. Output will be reduced at temperatures below 0°C

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Thermal Roll-Off



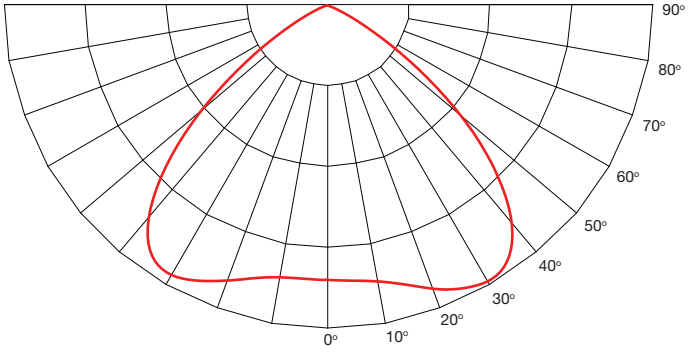
Dimming Characterization 0-10V



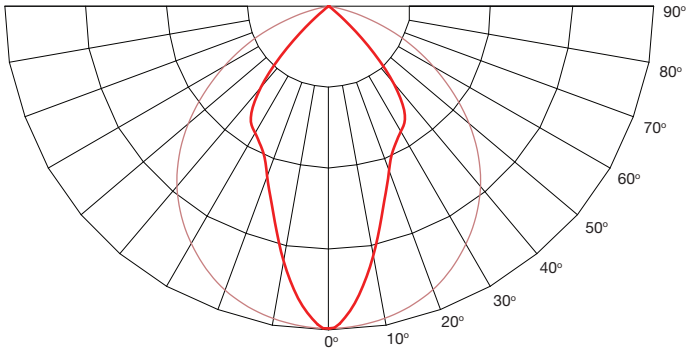
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Beam Distribution

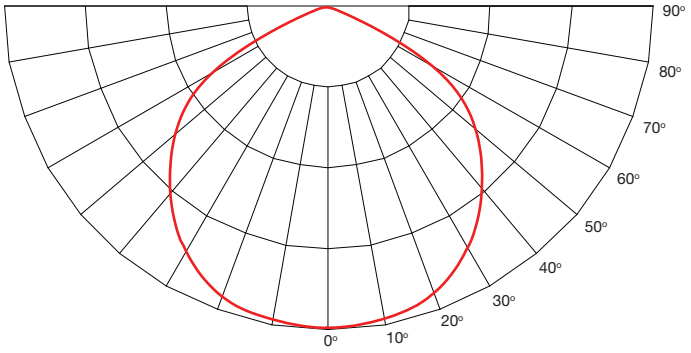
Medium



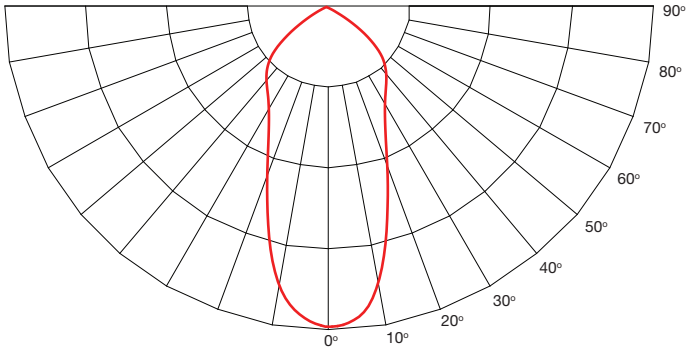
Aisle



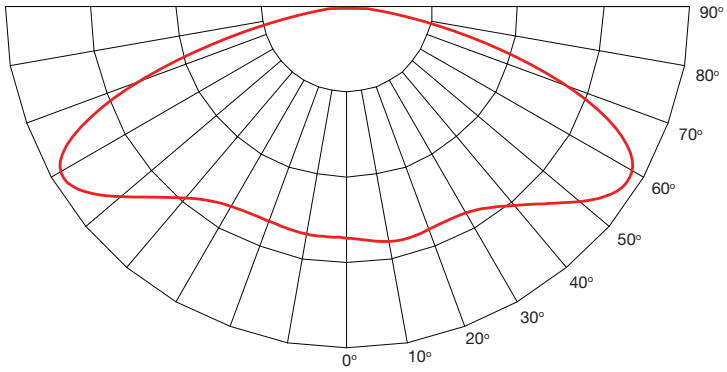
Round



Narrow



Ultra Wide



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Lumen Maintenance Factor

% Lumen Output (40k lm @ 120V)									
Ambient Temp (°C)	Hours								
	0	15000	30000	45000	60000	75000	90000	100000	150000
25	100%	96%	93%	90%	87%	84%	81%	80%	71%
30	100%	96%	93%	90%	87%	84%	81%	79%	71%
35	99%	95%	92%	89%	86%	84%	80%	79%	71%
40	99%	95%	92%	89%	86%	83%	80%	79%	70%
45	98%	94%	91%	88%	85%	82%	80%	78%	69%
50	98%	94%	91%	87%	84%	82%	79%	77%	69%
55	97%	93%	90%	87%	84%	81%	78%	76%	68%
60	97%	93%	89%	86%	83%	80%	77%	75%	67%
65	90%	87%	84%	80%	78%	75%	72%	70%	62%

% Lumen Output (40k lm @ 480V)									
Ambient Temp (°C)	Hours								
	0	15000	30000	45000	60000	75000	90000	100000	150000
25	100%	96%	93%	90%	87%	84%	81%	80%	71%
30	99%	96%	92%	89%	87%	84%	80%	79%	71%
35	98%	95%	92%	89%	86%	83%	80%	79%	70%
40	98%	94%	91%	88%	85%	82%	79%	78%	70%
45	97%	93%	90%	87%	84%	81%	79%	77%	69%
50	96%	92%	89%	86%	83%	80%	78%	76%	67%
55	95%	91%	88%	85%	82%	79%	77%	75%	66%
60	94%	90%	87%	84%	81%	78%	75%	73%	65%
65	73%	70%	67%	65%	63%	60%	58%	56%	50%

% Lumen Output (26k lm @ 120V)									
Ambient Temp (°C)	Hours								
	0	15000	30000	45000	60000	75000	90000	100000	150000
25	100%	97%	95%	92%	90%	88%	86%	84%	77%
30	99%	97%	94%	92%	90%	87%	85%	84%	77%
35	99%	96%	94%	91%	89%	87%	85%	83%	76%
40	98%	96%	93%	91%	89%	86%	84%	83%	76%
45	98%	95%	93%	90%	88%	86%	84%	82%	75%
50	97%	94%	92%	90%	87%	85%	83%	81%	75%
55	97%	94%	91%	89%	87%	84%	82%	81%	74%
60	96%	93%	91%	88%	86%	84%	81%	80%	73%
65	96%	93%	90%	88%	85%	83%	81%	79%	72%

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In-rush Current

	100-277 VAC Models				347-480 VAC Models	
	100 VAC	120 VAC	230 VAC	277 VAC	347 VAC	480 VAC
Peak Inrush current (A)	6.4	7.7	14.8	17.8	22.3	30.9
Duration, T50 (ms)	1.5	1.5	1.5	1.5	1.8	1.8

Installers should study breaker manufacturer's guidelines and datasheets before installing the lights to ensure safety and reliability

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



HBXW3-SSL-316
- Stainless steel bracket



HBXCAB48
- 48" long stainless steel safety rope (for use with safety bracket)
- 2 pieces per kit



HBXH
- Hook
- For use with 3 conductor cable only



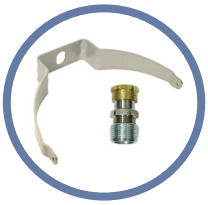
HBXW3-SSL-316FT
- 316 Stainless steel forward throw bracket



HBXHL
- Hook/Loop
- For use with 3 conductor cable only



HBXCU
- Ceiling / wall mount



HBXW2
- Swivel bracket and cable gland

HBXW3
- Swivel bracket



HBXSB
- Stainless Steel (4x)



HBXCG
- Cable gland



HBXDC
- 21° slope dust cover



LBXLENP
- Polycarbonate dome lens replacement



HBBATTKIT20
- 20W replacement battery

HBBATTKIT10
- 10W replacement battery

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