

Project:	
Type:	
Catalog # :	

FME Lighting | 877 - 234 - 8460 | info@fmelighting.com

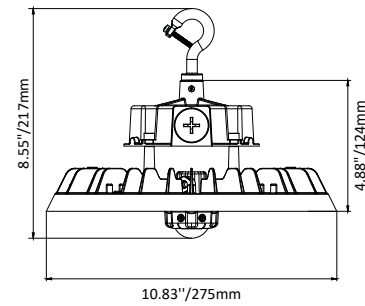


SPECIFICATIONS

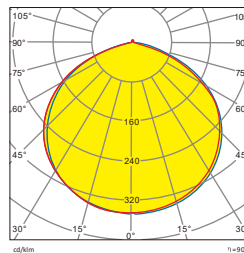
VOLTAGE	AC120-277V / AC120-347V / AC277-480V (50/60Hz)
WATTAGE	Selectable - See Ordering Information
COLOR TEMP	Selectable CCT: 4000K or 5000K (default setting)
OPERATING TEMP	-40°F (-40°C) to 122°F (50°C)
HOUSING	Die-casting aluminum housing & heatsink
CRI	>80
DISTRIBUTION	Narrow, Medium (Standard) & Wide
DIMMING	0-10V Dimming
PROTECTION	Surge protection: L/N-PE: 6kV, L-N: 6kV
MOUNTING	G hook (Standard), O hook, U bracket, & 3/4" NPS Threaded Pendant (optional Safety hanging kit)
WARRANTY	5 Year Limited Warranty

DIMENSIONS

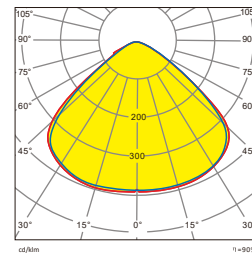
*See Page 5 for All Dimensions Diagrams.



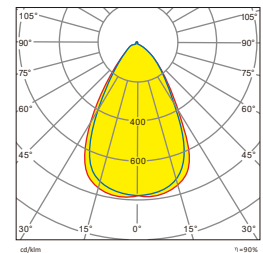
LUMENS & OPTICS



Wide



Medium (Standard)



Narrow

*See Page 3 for All Photometry/ Lumen Information.

ORDERING INFORMATION

ORDERING GUIDE

Series	Wattage	Voltage	CCT	Color	Efficacy	Distribution	Options
VRH	A = 150W/100W/80W B = 200W/150W/100W C = 240W/200W/150W D = 240W/200W/150W/100W E = 320W/240W/200W	LV = 100-277VAC MV = 120-347VAC HV = 277-480VAC	I = 4000K C = 5000K V = Adjustable (4K/5K)	B = Black W = White CC = Custom Color (Contact Factory)	15 = 150lm/w - General efficacy 17 = 170lm/w - High efficacy	M = Medium (Standard) N = Narrow W = Wide	EM = Emergency Battery NS = Sensor BS = Networking Wireless Control version Sensor RC = Remote Control RF* = See Chart Below U = U Bracket SR = Safety Rope SS = Stainless Steel Hang Chains M12 = 3/4"NPS Adapter M10 = 3/4"NPS Adapter

REFLECTORS

Field-Installable (field-installable purchased separately)



RF-HBSS

Smaller Size (12.20x5.04") Polycarbonate Refractor for VRH Series 100WS ~ B-



RF-DL-HBSS

Smaller Size (12.20x6.14") Polycarbonate Refractor with Drop Lens for VRH Series 100WS ~ B-



RF-HBS

Small Size (16.22x5.91") Polycarbonate Refractor for VRH Series C-



RF-DL-HBS

Small Size (16.22x7.36") Polycarbonate Refractor with Drop Lens for VRH Series C-



RF-HBL

Large Size (16.22x5.71") Polycarbonate Refractor for VRH Series E-



RF-DL-HBL

Large Size (16.22x7.17") Polycarbonate Refractor with Drop Lens for VRH Series E-

EMERGENCY BATTERY BACKUPS

Factory-Installable OR Field-Installable (field-installable purchased separately)



EM-25WAC

Emergency Battery Backup EMUFO-25170-YY II -25W/90min, for VRH Series A-, at AC120-277/347V



EM-40WAC

Emergency Battery Backup EMUFO-40170-YY II -40W/90min, for VRH Series B~E-, at AC120-277/347V



EM-40WACHV

Emergency Battery Backup EMUFO-40500DI-YY -40W/90min, for VRH Series A~E-, at AC277-480V

MOUNTING

Field-Installable (field-installable purchased separately)



U

Small Size U Bracket for VRH-A~E-



SR

0.3m Safety Rope



M10

External Threads M10 to External Threads 3/4"NPS Adapter Wiring for VRH-A~C-4



M12

External Threads M12 to External Threads 3/4"NPS Adapter Wiring for VRH-E-



SS

0.5m Stainless Steel Hang Chains with 2pcs Carabiner

General Efficacy

Lumen values are based on 120V AC input product configuration, contact for performance data on any configurations not shown here.

Model Number	Lumen Level	Wattage Selectable	Nominal CCT	CCT Selectable	Lumens	Watts	LPW	CRI
VRH-A-V-_-15	1	Yes	4000	Yes	13,550	80	169	>80
			5000		13,200	80	165	
	2		4000		16,350	100	164	
			5000		15,950	100	160	
	3		4000		23,250	150	155	
			5000		22,650	150	151	
VRH-B-V-_-15	1	Yes	4000	Yes	16,700	100	167	>80
			5000		16,350	100	164	
	2		4000		24,000	150	160	
			5000		23,500	150	157	
	3		4000		30,900	200	155	
			5000		30,200	200	151	
VRH-C-V-_-15	1	Yes	4000	Yes	25,300	150	169	>80
			5000		24,500	150	164	
	2		4000		31,800	200	159	
			5000		30,800	200	154	
	3		4000		37,450	240	156	
			5000		36,240	240	151	
VRH-D-V-_-15	1	Yes	4000	Yes	17,300	100	173	>80
			5000		16,750	100	168	
	2		4000		25,300	150	169	
			5000		24,500	150	164	
	3		4000		31,800	200	159	
			5000		30,800	200	154	
	4		4000		37,450	240	156	
			5000		36,240	240	151	
VRH-E-V-_-15	1	Yes	4000	Yes	34,150	200	171	>80
			5000		33,100	200	166	
	2		4000		39,100	240	163	
			5000		37,900	240	158	
	3		4000		49,900	320	156	
			5000		48,320	320	151	
VRH-A-_-_-15	1	Yes	4000	No	12,950	80	162	>80
			5000		13,050	80	163	
	2		4000		15,600	100	156	
			5000		15,700	100	157	
	3		4000		22,650	150	151	
			5000		22,800	150	152	
VRH-B-_-_-15	1	Yes	4000	No	16,600	100	166	>80
			5000		16,800	100	168	
	2		4000		23,950	150	160	
			5000		24,300	150	162	
	3		4000		30,400	200	152	
			5000		30,800	200	154	
VRH-C-_-_-15	1	Yes	4000	No	24,500	150	164	>80
			5000		24,650	150	165	
	2		4000		31,150	200	156	
			5000		31,350	200	157	
	3		4000		36,240	240	151	
			5000		36,480	240	152	
VRH-D-_-_-15	1	Yes	4000	No	16,600	100	166	>80
			5000		16,800	100	168	
	2		4000		24,200	150	162	
			5000		24,500	150	164	
	3		4000		31,350	200	157	
			5000		31,750	200	159	
	4		4000		36,480	240	152	
			5000		36,960	240	154	
VRH-E-_-_-15	1	Yes	4000	No	32,650	200	164	>80
			5000		33,300	200	167	
	2		4000		38,450	240	161	
			5000		39,200	240	164	
	3		4000		48,320	320	151	
			5000		49,280	320	154	

High Efficacy

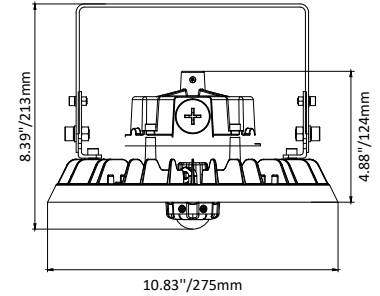
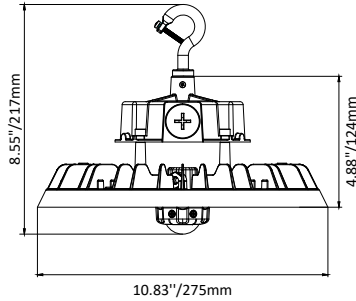
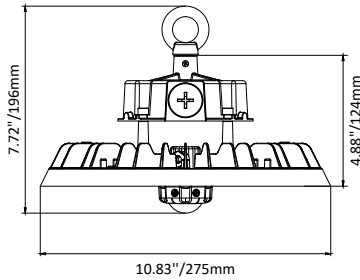
Lumen values are based on 120V AC input product configuration, contact for performance data on any configurations not shown here.

Model Number	Lumen Level	Wattage Selectable	Nominal CCT	CCT Selectable	Lumens	Watts	LPW	CRI
VRH-A-_-_-17	1	Yes	4000	No	14,700	80	184	>80
			5000		14,900	80	186	
	2		4000		17,700	100	177	
			5000		17,900	100	179	
	3		4000		25,500	150	170	
			5000		25,800	150	172	
VRH-B-_-_-17	1	Yes	4000	No	18,200	100	182	>80
			5000		18,450	100	185	
	2		4000		26,300	150	176	
			5000		26,600	150	178	
	3		4000		34,000	200	170	
			5000		34,400	200	172	
VRH-C-_-_-17	1	Yes	4000	No	27,050	150	181	>80
			5000		27,350	150	183	
	2		4000		34,700	200	174	
			5000		35,100	200	176	
	3		4000		40,800	240	170	
			5000		41,280	240	172	
VRH-D-_-_-17	1	Yes	4000	No	18,400	100	184	>80
			5000		18,600	100	186	
	2		4000		27,050	150	181	
			5000		27,350	150	183	
	3		4000		35,050	200	176	
			5000		35,450	200	178	
	4		4000		40,800	240	170	
			5000		41,280	240	172	
VRH-E-_-_-17	1	Yes	4000	No	35,700	200	179	>80
			5000		35,700	200	179	
	2		4000		41,650	240	174	
			5000		41,650	240	174	
	3		4000		54,400	320	170	
			5000		54,400	320	170	

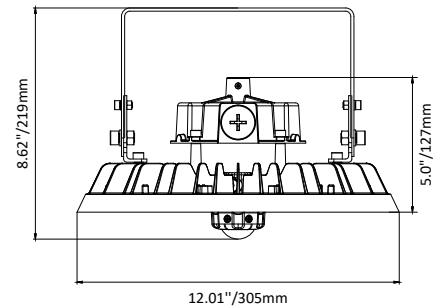
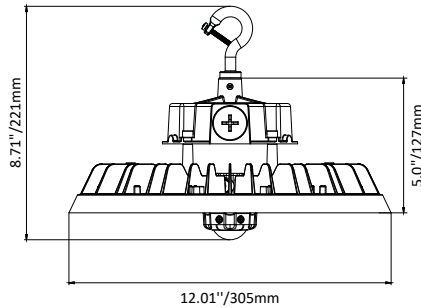
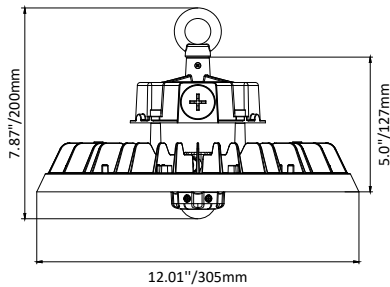
Model Series	Wattage(W)	Current (A)					
		Input Voltage (V)					
		120	208	240	277	347	480
VRH-A	80	0.74	0.43	0.37	0.32	0.26	0.19
	100	0.93	0.53	0.46	0.40	0.32	0.23
	150	1.39	0.80	0.69	0.60	0.48	0.35
VRH-B	100	0.93	0.53	0.46	0.40	0.32	0.23
	150	1.39	0.80	0.69	0.60	0.48	0.35
	200	1.85	1.07	0.93	0.80	0.64	0.46
VRH-C	150	1.39	0.80	0.69	0.60	0.48	0.35
	200	1.85	1.07	0.93	0.80	0.64	0.46
	240	2.22	1.28	1.11	0.96	0.77	0.56
VRH-D	100	0.93	0.53	0.46	0.40	N.A	N.A
	150	1.39	0.80	0.69	0.60	N.A	N.A
	200	1.85	1.07	0.93	0.80	N.A	N.A
	240	2.22	1.28	1.11	0.96	N.A	N.A
VRH-E	200	1.85	1.07	0.93	0.80	0.64	0.46
	240	2.22	1.28	1.11	0.96	0.77	0.56
	320	2.96	1.71	1.48	1.28	1.02	0.74

DIMENSIONS

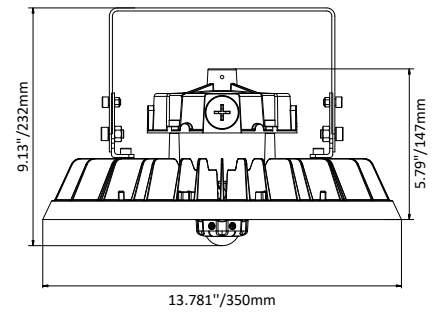
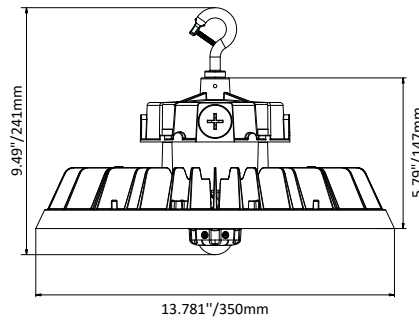
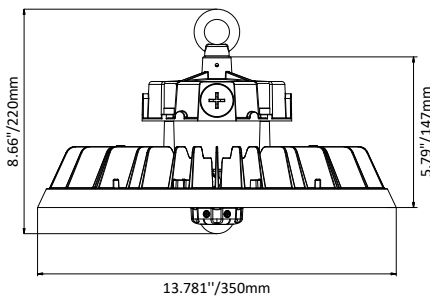
A-, B-



C-, D-



E-



Shipping Weight + Size

Model	Carton Size (in)	G.W. (lbs)	Per carton (pcs)
VRH-A	12.99 x 12.99 x 6.50	5.73	1
VRH-B	12.99 x 12.99 x 6.50	5.73	1
VRH-C	14.17 x 14.17 x 6.50	7.08	1
VRH-D	14.17 x 14.17 x 6.50	7.08	1
VRH-E	15.91 x 15.91 x 7.09	10.36	1

Note: The packaging data can be outdated or incomplete.
For the most reliable information, please reach out to us directly.

EXTRA ACCESSORIES

Sensor

Factory-Installable OR Field-Installable (field-installable purchased separately)



NS
Screw-in PIR Sensor



BS
Screw-in PIR Sensor
(Networking Wireless Control Version)

Adapter

Field-Installable (field-installable purchased separately)



X3PTZ10ZGA-WA
Zhaga Adapter
for 3-pin Reverse to Z10 Zhaga

Power Setting

Size	Power Selection	Default Setting
Small	Adjust power between 150/100/80W	150W
	Adjust power between 200/150/100W	200W
Medium	Adjust power between 240/200/150W	240W
	Adjust power between 240/200/150/100W	240W
Large	Adjust power between 320/240/200W	320W

CCT Setting

Adjust CCT between 4000/5000K, 5000K default setting.

