

VALORE SELECTABLE



HIGH BAY

KEY FEATURES

- 4 Field selectable compact models up to 60,000 lm
- 4000/5000K CCT selectable
- Integral Title 20 emergency battery options
- Wire guard, sensor and mounting accessories
- DLC PREMIUM, Damp Location



HOUSING

- Premium powder-coat, die-cast aluminum, white housing

ELECTRICAL

- Operating temperature -40 to 55°C (-40 to 131°F) for VALSEL18 and VALSEL24
- Operating temperature -40 to 50°C (-40 to 122°F) for VALSEL36 and VALSEL60
- Universal 120-277VAC, 50-60Hz standard
- Optional 347-480V achieved with step-down transformer
- 0-10VDC Dimming standard
- Emergency operation available
- Input transient surge protection = 6kV
- PF > 0.9 ; THD < 20

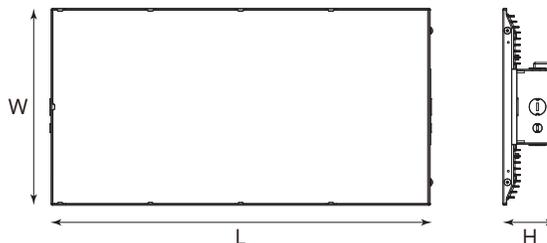
OPTICAL SYSTEM

- Polycarbonate prismatic lens
- Field selectable 4000K and 5000K CCTs (4000K default setting)
- Field selectable lumen outputs from 12,000 to 60,000 lm (see performance table, default settings are highest lumen output)
- Screw in sensor ready (sensor and remote control sold separately)
- Remote control required to change sensor factory settings
- Long-life LEDs provide 135,000 hrs L70 and 41,000 hrs L90 (TM21 calcs)
- LED color maintenance < 0.003 chromaticity shift ($\Delta u/v$) over the initial 6,000 hours of operation
- CRI > 80%

MOUNTING

- Chain-mount kit included (v-hooks, 1-meter long chain)
- Optional pendant and surface mount brackets

DIMENSIONS



Model	L (in)	W (in)	H (in)	Weight (lbs)
VALSEL18	13.0	9.5	2.2	3.7
VALSEL24	14.2	10.3	2.4	4.5
VALSEL36	19.7	10.3	2.6	6.5
VALSEL60	30.7	11.0	2.6	9.25

CODE COMPLIANCE

- cULus Listed for Damp Locations
- DLC PREMIUM
- Complies with FCC part 15, class A

WARRANTY

- 5 year warranty, see website for details

ORDERING INFORMATION

MODEL	DESCRIPTION	OPTIONS
VALSEL18	High bay, 18,000/ 15,000/ 12,000 lm selectable, 4000/5000K CCT selectable, 120-277V, white	EM13 (13W integral emergency driver)
VALSEL24	High bay, 24,000/ 18,000/ 15,000 lm selectable, 4000/5000K CCT selectable, 120-277V, white	EM25 (25W integral emergency driver)
VALSEL36	High bay, 36,000/ 30,000/ 24,000 lm selectable, 4000/5000K CCT selectable, 120-277V, white	HV (347-480V, not compatible with EM)
VALSEL60	High bay, 60,000/ 48,000/ 36,000 lm selectable, 4000/5000K CCT selectable, 120-277V, white	LCx (line cord in feet, x= 6, 10 or 15)

ACCESSORIES

VALOSP (PIR sensor, see pg 5 for more details)	WGVAL18 (wire guard for VALSEL18)
VALOSM (microwave step-dimming sensor, see pg 5 for more details)	WGVAL24 (wire guard for VALSEL24)
OS5REM (optional remote control for PIR and microwave sensors)	WGVAL36 (wire guard for VALSEL36)
VALSM (surface mount bracket, not compatible with HV and EM options)	WGVAL60 (wire guard for VALSEL60)
VALPK (pendant/ stem mount bracket, not compatible with HV and EM options)	

PERFORMANCE

Models	Measurements	Low Output		Medium Output		High Output	
		4000K	5000K	4000K	5000K	4000K (default)	5000K
VALSEL18	Lumens	12,454	12,245	15,387	14,987	18,260	17,662
	Watt	81.6	82.7	103.8	105.7	127.3	130.4
	Efficacy	153	148	148	142	143	135
VALSEL24	Lumens	15,480	15,446	18,164	17,944	23,772	23,381
	Watt	97.5	98.7	116.4	118.0	158.2	161.4
	Efficacy	159	157	156	152	150	145
VALSEL36	Lumens	24,204	24,004	29,825	29,339	35,415	34,727
	Watt	151.2	154.2	192.1	196.7	235.4	242.2
	Efficacy	160	156	155	149	150	143
VALSEL60	Lumens	36,167	36,380	47,698	47,582	59,177	58,715
	Watt	224.7	228.0	305.1	309.5	389.6	397.7
	Efficacy	161	160	156	154	152	148

ELECTRICAL DATA

Models	CCT	Input Amps (A)								
		Low Output			Medium Output			High Output		
		120V	240V	277V	120V	240V	277V	120V	240V	277V
VALSEL18	4000K	0.68	0.34	0.29	0.86	0.43	0.37	1.06	0.53	0.46
	5000K	0.69	0.34	0.30	0.88	0.44	0.38	1.09	0.54	0.47
VALSEL24	4000K	0.81	0.41	0.35	0.97	0.48	0.42	1.32	0.66	0.57
	5000K	0.82	0.41	0.36	0.98	0.49	0.43	1.35	0.67	0.58
VALSEL36	4000K	1.26	0.63	0.55	1.60	0.80	0.69	1.96	0.98	0.85
	5000K	1.29	0.64	0.56	1.64	0.82	0.71	2.02	1.01	0.87
VALSEL60	4000K	1.87	0.94	0.81	2.54	1.27	1.10	3.25	1.62	1.41
	5000K	1.90	0.95	0.82	2.58	1.29	1.12	3.31	1.66	1.44

VALORE SELECTABLE

PHOTOMETRICS

VALSEL18

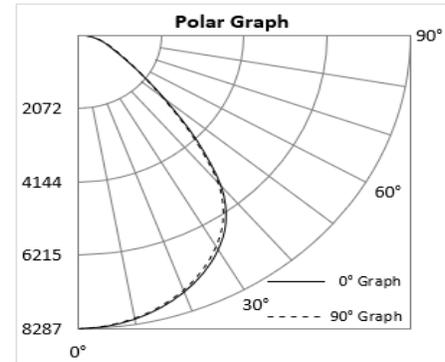
Luminaire Data

Description	Full Body High Bay Lumen/Kelvin Selectable
Total Lumens	17,662
Input Wattage	130
Efficacy (lm/W)	135
Spacing Criterion (0-180°)	1.26
Spacing Criterion (90-270°)	1.24

Photometrics calculated at 5000K-high lumens settings

Zonal Lumen Summary

Zone	Lumens	%Fixt
0-20°	3,042	17.2%
0-30°	6,475	36.7%
0-40°	10,520	59.6%
20-50°	10,813	61.2%
40-70°	6,271	35.5%
0-60°	15,726	89.0%
0-80°	17,425	98.7%
0-90°	17,638	99.9%
90-180°	24	0.1%
0-180°	17,662	100.0%



VALSEL24

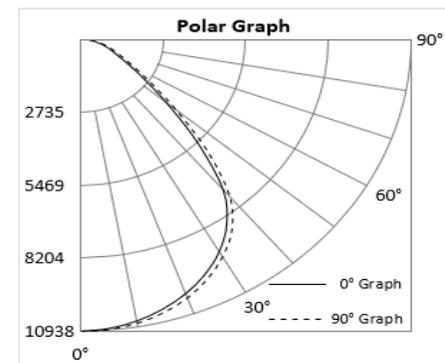
Luminaire Data

Description	Full Body High Bay Lumen/Kelvin Selectable
Total Lumens	23,381
Input Wattage	161
Efficacy (lm/W)	145
Spacing Criterion (0-180°)	1.26
Spacing Criterion (90-270°)	1.28

Photometrics calculated at 5000K-high lumens settings

Zonal Lumen Summary

Zone	Lumens	%Fixt
0-20°	4,016	17.2%
0-30°	8,550	36.6%
0-40°	13,901	59.5%
20-50°	14,322	61.3%
40-70°	8,341	35.7%
0-60°	20,833	89.1%
0-80°	23,074	98.7%
0-90°	23,350	99.9%
90-180°	31	0.1%
0-180°	23,381	100.0%



VALSEL36

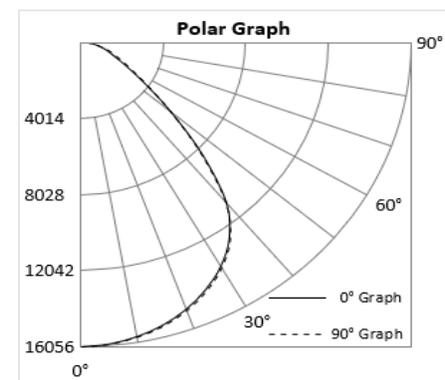
Luminaire Data

Description	Full Body High Bay Lumen/Kelvin Selectable
Total Lumens	34,727
Input Wattage	242
Efficacy (lm/W)	143
Spacing Criterion (0-180°)	1.26
Spacing Criterion (90-270°)	1.28

Photometrics calculated at 5000K-high lumens settings

Zonal Lumen Summary

Zone	Lumens	%Fixt
0-20°	5,902	17.0%
0-30°	12,592	36.3%
0-40°	20,536	59.1%
20-50°	21,267	61.2%
40-70°	12,472	35.9%
0-60°	30,906	89.0%
0-80°	34,256	98.6%
0-90°	34,682	99.9%
90-180°	45	0.1%
0-180°	34,727	100.0%



VALSEL60

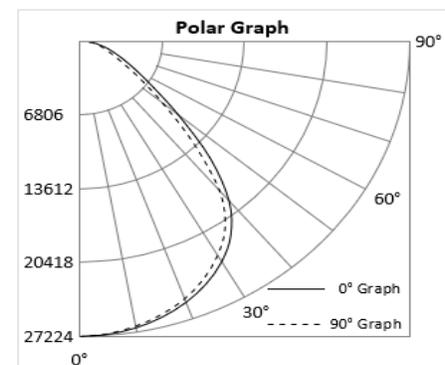
Luminaire Data

Description	Full Body High Bay Lumen/Kelvin Selectable
Total Lumens	58,715
Input Wattage	398
Efficacy (lm/W)	148
Spacing Criterion (0-180°)	1.28
Spacing Criterion (90-270°)	1.26

Photometrics calculated at 5000K-high lumens settings

Zonal Lumen Summary

Zone	Lumens	%Fixt
0-20°	9,998	17.0%
0-30°	21,317	36.3%
0-40°	34,727	59.1%
20-50°	35,995	61.3%
40-70°	21,199	36.1%
0-60°	52,364	89.2%
0-80°	58,000	98.8%
0-90°	58,644	99.9%
90-180°	71	0.1%
0-180°	58,715	100.0%



EMERGENCY OPERATION

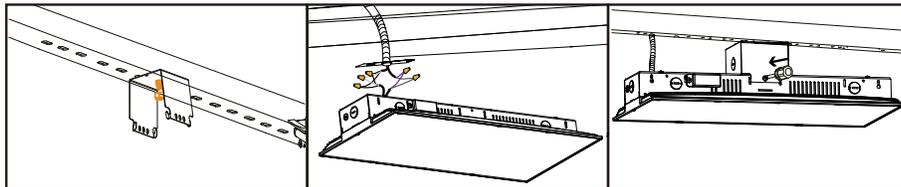
Emergency Driver	EM13		EM25	
Model	Watts	EM Lumens	Watts	EM Lumens
VALSEL18	13	1820	25	3500
VALSEL24	13	1950	25	3750
VALSEL36	13	1820	25	3500
VALSEL60	13	1950	25	3750

COMPATIBLE DIMMERS

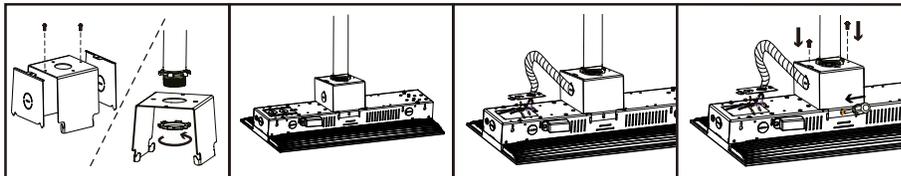
Manufacturer	Model Number	Dimmer Range	Load Switching Capacity
Leviton	IP710-LFZ	10%-100%	1200W
Lutron	DVSTV	10%-100%	450W

ACCESSORIES

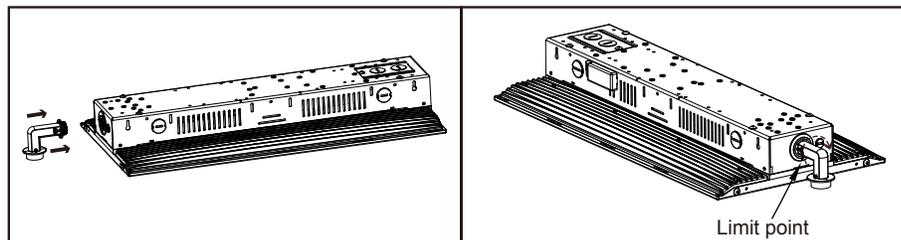
Surface Mount Bracket
VALSM



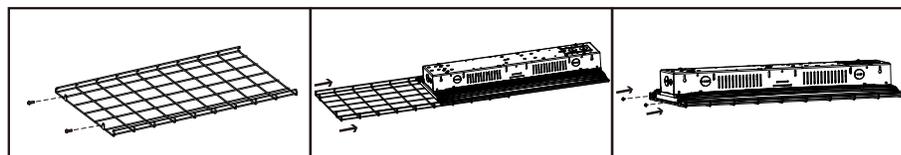
Pendant/ Stem Mount Bracket
VALPK



External Sensors
VALOSP
VALOSM

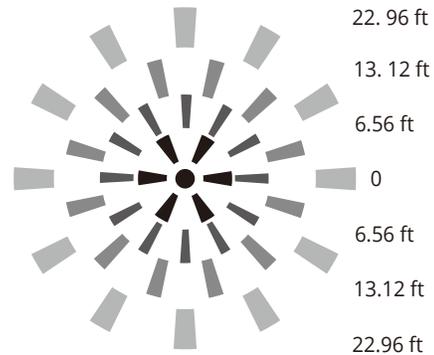
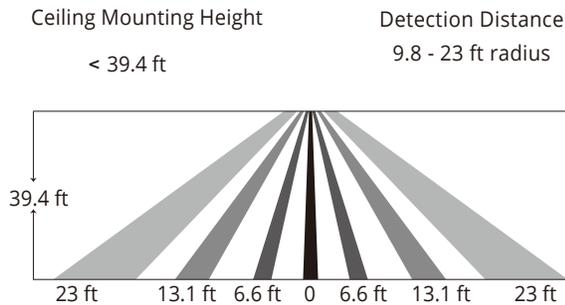


Wire Guards
WGVAL18
WGVAL24
WGVAL36
WGVAL60



VALORE SELECTABLE

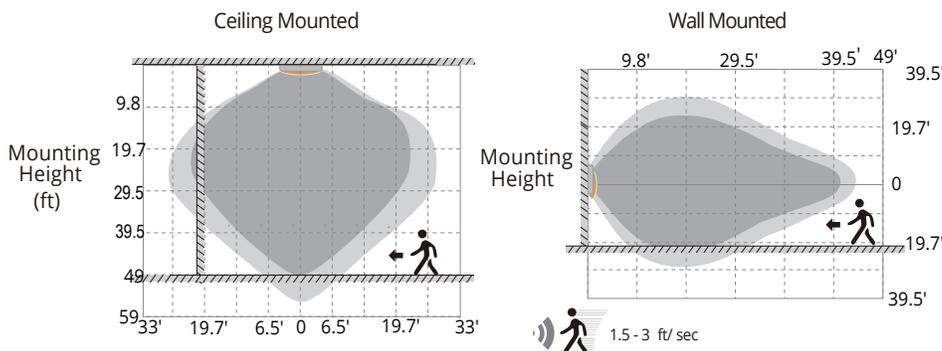
VALOSP DETECTION AREA



VALOSP PIR sensor

- 39' max ht
- Factory settings: 100% detection area, hold time = 5 sec, standby period = 0 sec, standby dimming = 10%, daylight threshold disabled (See VALOSP PIR sensor spec)

VALOSM DETECTION AREA



Highest mounting height is **49 ft (15 m)**
These figures indicate the maximum distance at the highest mounting height with 100% sensitivity.

- Well Detected Area
- Possibly Detected Area

VALOSM Microwave step-dimming sensor

- 49' max ht
- Factory settings: 100% detection area, hold time = 5 sec, standby period = 0 sec, standby dimming = 10%, daylight threshold disabled (See VALOSM Microwave sensor spec)