

FSVT

TITLE 24
TITLE 20



NSF VAPOR TIGHT HIGHBAY

- **FSVT** is an **NSF Certified** food safe vapor tight highbay featuring a slim profile design. It offers best-in-class performance with 150-178 LPW efficacies and selectable CCT and wattage for commercial and industrial applications.
- It features a smooth dust-proof surface with a watertight seal that can withstand high-pressure wash downs
- **HOUSING:** Plastic housing in a permanent pearl gray finish
- **DIFFUSER:** UV-stabilized, frosted polycarbonate lens for uniform light distribution and high-impact resistance
- **LUMENS:** Selectable 16K to 27K lm
- **OPERATING TEMP:** HT (AC Only): -40 to 113°F (-40 to 45°C)
- **DRIVER:** 0-10VDC Dim-to-off driver, 120-277V, 50/60 Hz
- **WEIGHT:** 11.27 lb / 5.11 kg



- **APPLICATION:** The **FSVT** is ideal for use in food processing and food safety environments. This includes poultry processing, food and beverage processing, commercial kitchens and manufacturing facilities.
- **INSTALLATION:** Surface mount standard, 3' power cord provided for ease of installation

ORDERING INFORMATION

MODEL	OUTPUT/ CCT	LENGTH	OPERATION	OPTIONS
FSVT	SEL ¹ (selectable watt/ CCT)	4 (ft)	HT (AC only)	EM (15W emergency driver, 2250 lm min) OS (PIR occupancy sensor)

NOTE 1: Wattage is selectable (105/135/165W), 165W default setting; CCT is selectable (3500/4000/5000K), 5000K is the default setting

NOTE 2: Additional Beghelli control solutions available, see page 4

ACCESSORIES²

- FSVTAC (aircraft cable kit for FSVT fixture, 3.3')
- FSVTEM (emergency battery backup for FSVT, 15W)
- FSVTOSKIT (external PIR occ sensor kit)
- RCH06R (remote for PIR occ sensor)

TECHNICAL INFORMATION

Power

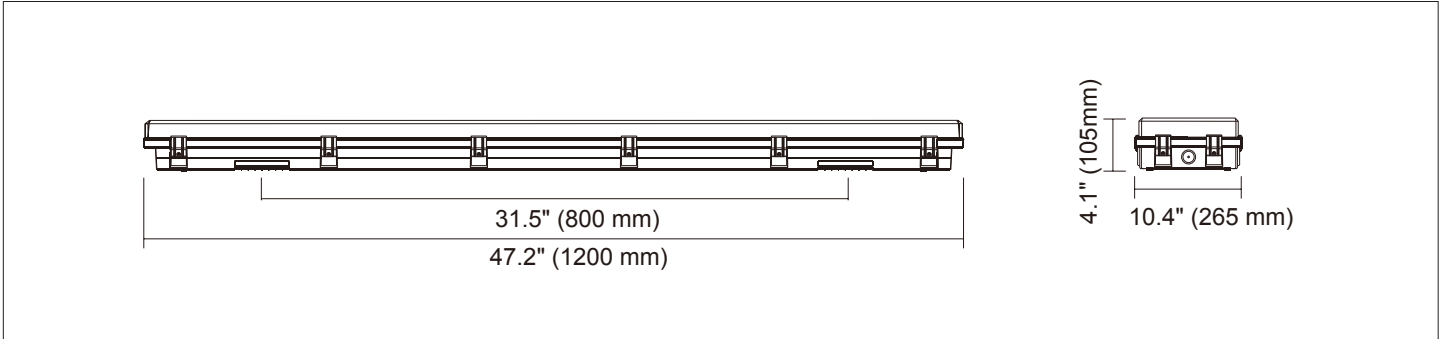
Select power between 165/135/105W, (165W default)

CCT Setting

Select CCT between 50000/4000/3500K (5000K default)

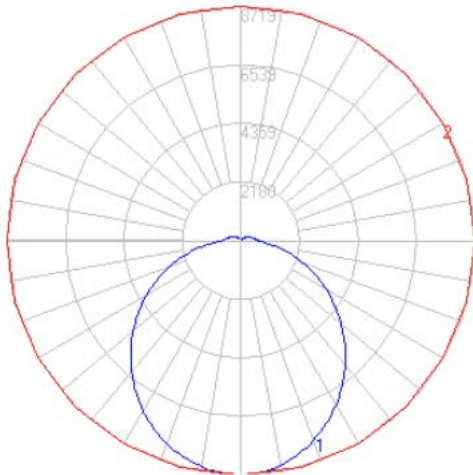
Note: Before setting power & CCT, release fixture latches, gently squeeze the buckle in and remove the PCB (be careful not to touch the LEDs)

DIMENSIONS



PHOTOMETRICS

FSVT (165W, 5000K)

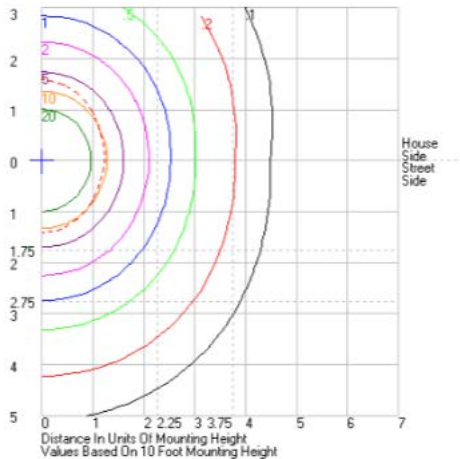


Characteristics

Lumens Per Lamp	25068 (1 lamp)
Total Lamp Lumens	25068
Luminaire Lumens	25064
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	152
Total Luminaire Watts	165.419
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.22
Spacing Criterion (90-270)	1.20
Spacing Criterion (Diagonal)	1.34
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	0.52 m
Luminous Width (90-270)	0.26 m

Zonal Lumen Summary


Zone	Lumens	%Lamp	%Fixt
0-20	3158.72	12.60	12.60
0-30	6641.46	26.50	26.50
0-40	10745.5	42.90	42.90
0-60	18577.44	74.10	74.10
0-80	23189.28	92.50	92.50
0-90	23996.69	95.70	95.70
10-90	23173.83	92.40	92.50
20-40	7586.78	30.30	30.30
20-50	11735.11	46.80	46.80
40-70	10671.55	42.60	42.60
60-80	4611.84	18.40	18.40
70-80	1772.23	7.10	7.10
80-90	807.41	3.20	3.20
90-110	698.74	2.80	2.80
90-120	859.90	3.40	3.40
90-130	951.20	3.80	3.80
90-150	1028.21	4.10	4.10
90-180	1067.45	4.30	4.30
110-180	368.70	1.50	1.50
0-180	25064.14	100.00	100.00



Total Luminaire Efficiency = 100.00%

MOUNTING OPTIONS

FSVTAC
Aircraft Cable (field-installable)



Note: Surface mount standard

ELECTRICAL RATING

PRODUCT	NOMINAL POWER (W)	AC CURRENT (A)		FREQUENCY (HZ)	DC VOLTAGE (V)	DC CURRENT (MA)
		120V	277V			
FSVT	105	0.97	0.42	50/60	240	402.5
	135	1.25	0.54	50/60	240	517.5
	165	1.53	0.66	50/60	240	632.5




DIMMER COMPATIBILITY

DIMMER	COMPATIBILITY	
	ON / OFF	DIMMING
0-10V dimmers	YES	YES

ENERGY CHART

MODEL	LUMEN LEVEL	WATTAGE SELECTABLE	CCT	CCT SELECTABLE	LUMEN OUTPUT	CONSUMPTION WATTAGE	EFFICACY (lm/w)	CRI
FSVT	1	YES	3500K		16900	105	161	>80
			4000K		18650	105	178	>80
			5000K		17250	105	165	>80
	2		3500K		20900	135	155	>80
			4000K	YES	23100	135	171	>80
			5000K		21350	135	158	>80
	3		3500K		24750	165	150	>80
			4000K		27400	165	166	>80
			5000K		25350	165	154	>80

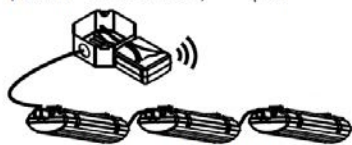
ACCESSORIES

 <p>FSVTOSKIT PIR Sensor Kit</p>	 <p>RCH06R Occupancy Sensor Remote Control</p>	 <p>FSVTEM 15W Emergency Battery Backup</p>
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ADDITIONAL BEGHELLI LIGHTING CONTROL SOLUTIONS

DAISY CHAIN FIXTURES (RELAY)

RLY*
Wireless Relay
(Damp Location)



Max range: 100ft

EMDCB*
Remote Sensor
(Damp Location)



SW1*
Single Switch
(Damp Location)



* Magnum control options also available (RLYM1 relay, MLM1 sensor, SW1M1 switch and NODM1)

■ **WARRANTY:** 5 year warranty, see website for full warranty details.