

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
- **OPERATINGTEMP:** 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 ² (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: External 90° elbow is factory installed, lens attached in the field (see page 3)

ACCESSORIES

- 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

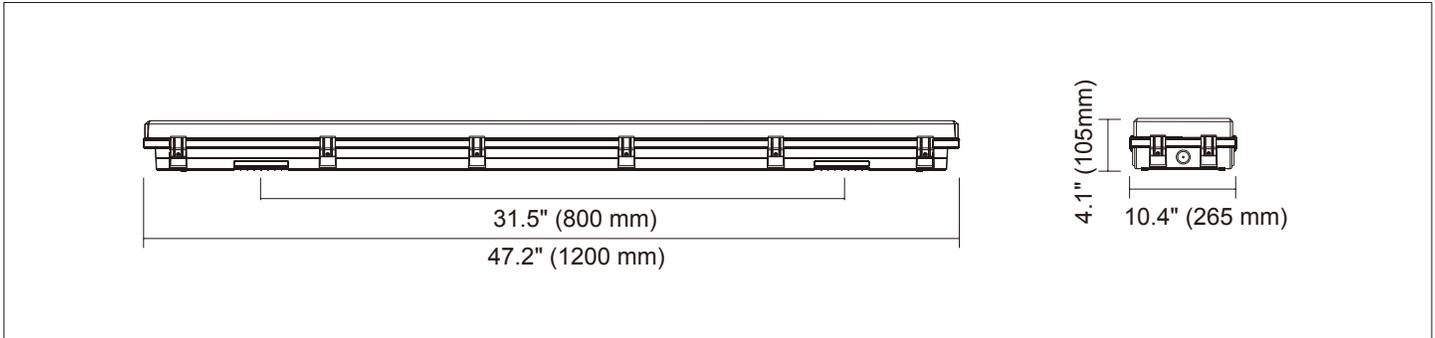
Select power between
165/135/105W,
(165W default)

CCT Setting

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

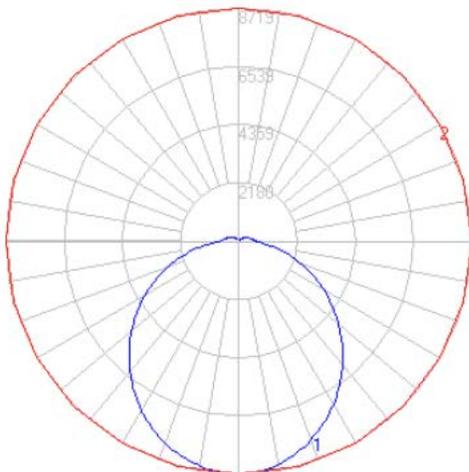
Note: Before setting power & CCT, release fixture latches, gently squeeze the buckle in and remove the PCB (be careful not to touch the LEDs)

DIMENSIONS



PHOTOMETRICS

FSVT (165W, 5000K)

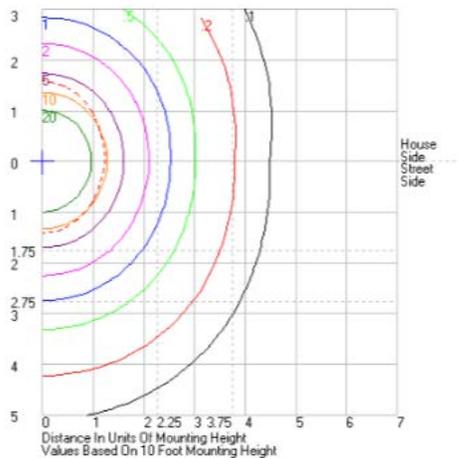


Characteristics

| | |
|---------------------------------|----------------|
| 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%

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MOUNTING OPTIONS



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 |

ENERGY CHART

| MODEL | LUMEN LEVEL | WATTAGE SELECTABLE | CCT | CCT SELECTABLE | LUMEN OUTPUT | CONSUMPTION WATTAGE | EFFICACY (LPW) | CRI |
|-------|-------------|--------------------|-------|----------------|--------------|---------------------|----------------|-----|
| | 1 | | 3500K | | 16900 | 105 | 161 | >80 |
| | | | 4000K | | 18650 | 105 | 178 | >80 |
| | | | 5000K | | 17250 | 105 | 165 | >80 |
| FSVT | 2 | YES | 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>90° elbow</p> <p>lens</p> <p>FSVTOSKIT PIR Sensor Kit</p> | <p>RCH06R Occupancy Sensor Remote Control</p> | <p>FSVTEM 15W Emergency Battery Backup</p> |
|---|--|---|

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