

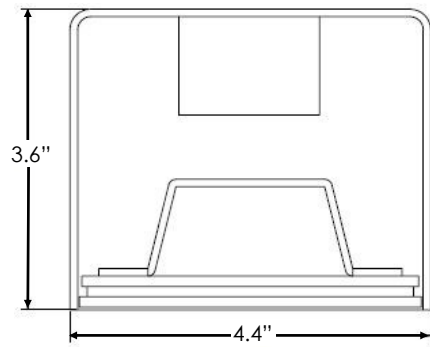
# Hydro Beam

## Direct

|          |  |
|----------|--|
| Type:    |  |
| Project: |  |



### DIMENSIONS



### FEATURES

- 2', 3', 4', 6' and 8' individual units
- Fixtures can be linked together for continuous rows
- Efficacy up to 125 lm/W
- Soft diffused direct lighting
- Textured outdoor powder coat finishes available in white, black and bronze
- Premium finishes also available
- 0-10V dimming is standard\*\*
- Dim to 10% of output current is standard
- 90 CRI (R9 50min) available
- Wet Location rated
- IP66



### LUMEN PACKAGES

Based on 3500K CCT. Other CCT available.

| MODEL             | LUMENS | INPUT WATTS | Lm/W |
|-------------------|--------|-------------|------|
| HYDROD-4-1000-35K | 4,000  | 36          | 110  |
| HYDROD-8-1000-35K | 8,000  | 66          | 120  |

### ORDERING LOGIC

| HYDROD | - |   | - |  | - |                       | - |  | - |                    |   |  |
|--------|---|---|---|--|---|-----------------------|---|--|---|--------------------|---|--|
| SERIES | - | LENGTH  | - | LUMENS PER FOOT  | - | DISTRIBUTION          | - | CCT  | - | CRI                | - | FINISH   |
| HYDROD |   | 2 = 2FT<br>3 = 3FT<br>4 = 4FT<br>6 = 6FT<br>8 = 8FT<br><br>xx = Continuous run length |   | 350 = 350 LPF<br>500 = 500 LPF<br>750 = 750 LPF<br>1000 = 1000 LPF<br><br>xxxx= Custom LPF |   | SD = SatinIce Diffuse |   | 30K = 3000K<br>35K = 3500K<br>40K = 4000K<br>50K = 5000K |   | 80 = 80<br>90 = 90 |   | PW = Powder Coat White<br>PB = Powder Coat Black<br>PBR = Powder Coat Bronze<br>PO* = Powder Coat Other<br><br>*Factory to be supplied with RAL# or color chip |

| -  | - | -             | -  |
|--|---|---------------|--|
| MOUNTING   |   | VOLTAGE       | OPTIONS  |
| SM(T) = Surface Mount (Top-fed power)<br>SM(E) = Surface Mount (End-fed power)<br>SM(S) = Surface Mount (Side-fed power)<br>WM = Wall Mount<br>RSW(xx) = Rigid Stem, White (xx" indicates stem length, page 4)<br>RSB(xx) = Rigid Stem, Black (xx" indicates stem length, page 4)<br>RAWM = Rigid Arm Wall Mount |   | U = 120v-277v | MSR = Motion Sensor Small Range**<br>MLR = Motion Sensor Large Range**<br>SRG = Surge Protector<br>#EC = Emergency Circuit (# indicates quantity)<br>#EMB10 = 10W EM Battery (# indicates quantity)<br>GTD = Generator Transfer Device |

EXAMPLE: **HYDROD-4-750-SD-35K-PW-SM(E)-U**

\*\*Motion sensor option removes dimming ability

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## CONTINUOUS RUN

Continuous runs are configured with 2', 3', 4', 6' and 8' sections up to 50' in total length.

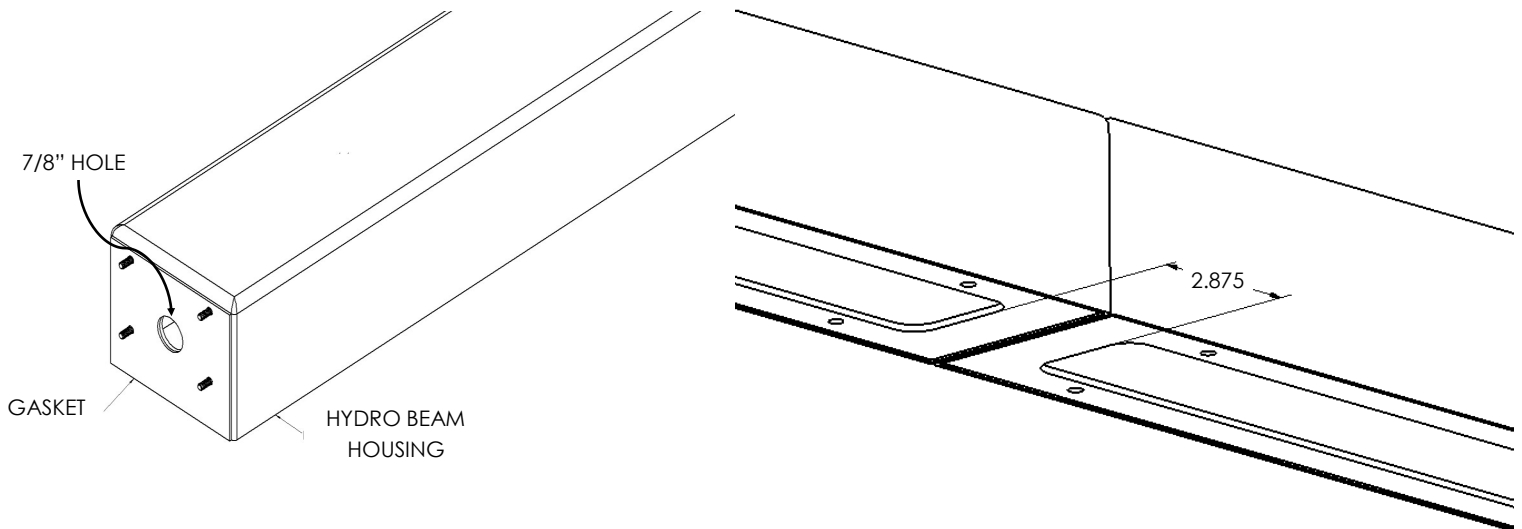
Runs are constructed with as many 8' sections as possible and supplemented with smaller sections to reach the desired length. If a different configuration is needed to meet an aesthetic requirement, please indicate this on the P.O. when placing an order.

Examples of some standard continuous runs over 8' are as follows:

|         |   |   |   |   |
|---------|---|---|---|---|
| 10' RUN | 8 | 2 |   |   |
| 16' RUN | 8 | 8 |   |   |
| 20' RUN | 8 | 8 | 4 |   |
| 22' RUN | 8 | 8 | 6 |   |
| 28' RUN | 8 | 8 | 8 | 4 |

## LINKING

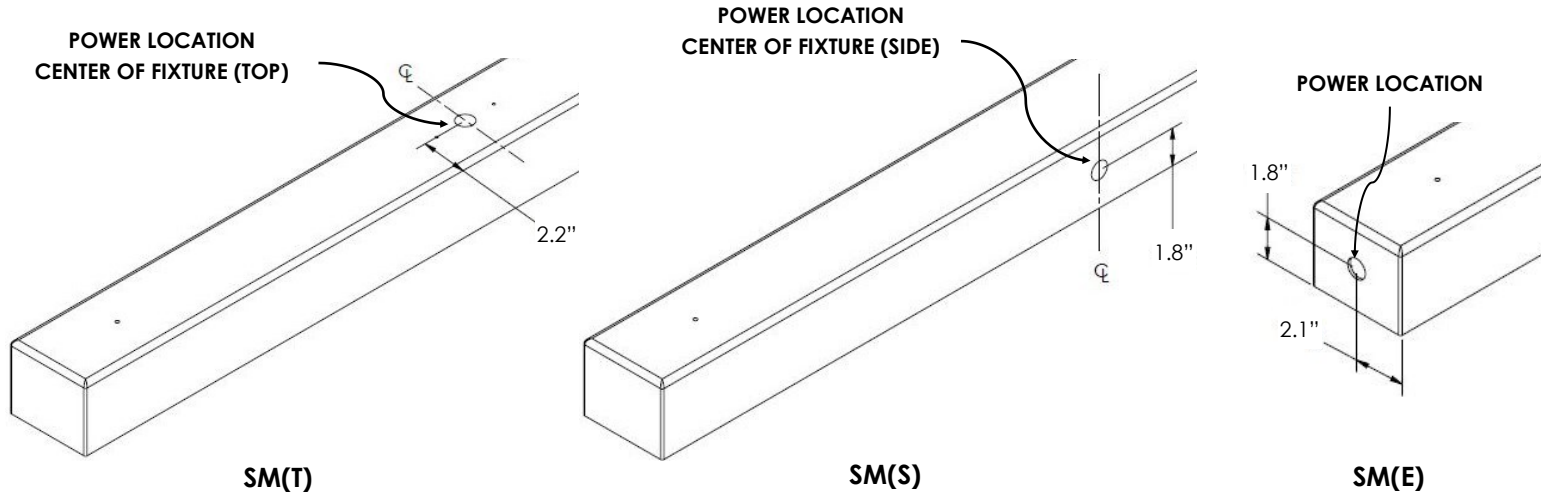
*Typical continuous run installation shown below.*



## MOUNTING OPTIONS

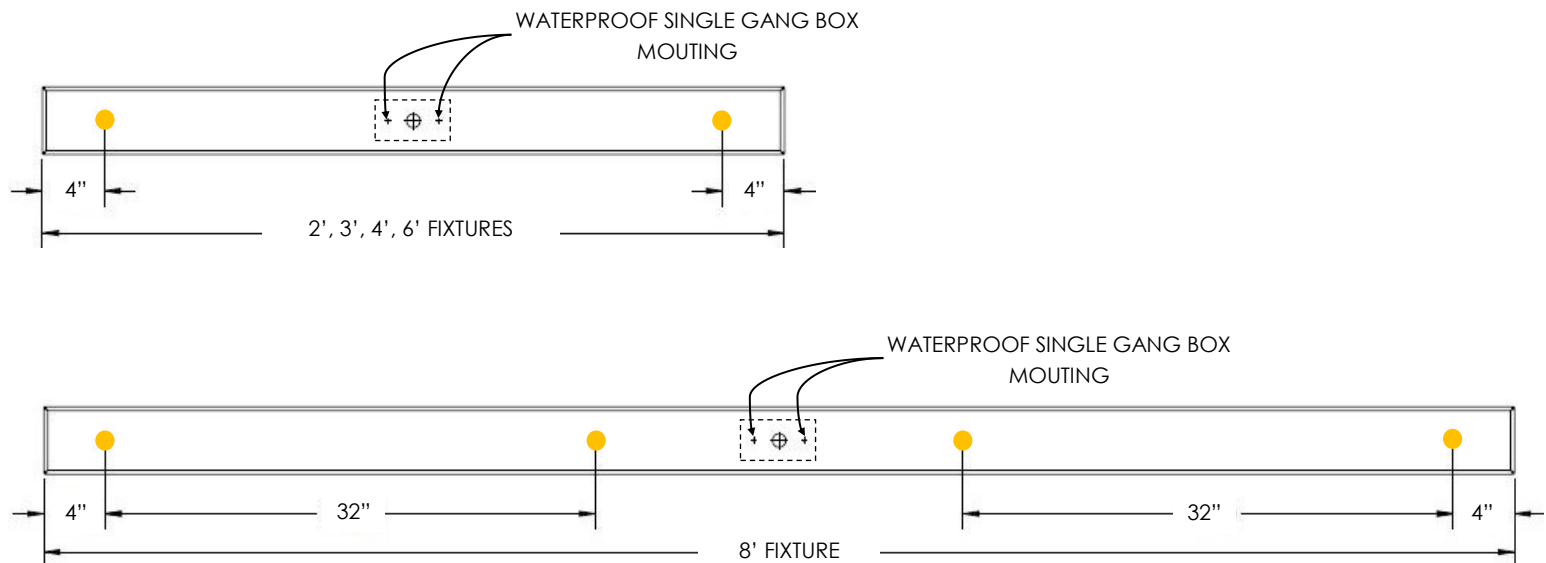
### SM(X) - Surface Mount (Top, End, or Side - fed power)

Power to be fed through one (1) 7/8" hole created in the top—SM(T), side—SM(S), or end—SM(E) of the lighting fixture. Hole can accommodate 1/2" conduit. Lighting fixture is to be wired with UL listed wet location fittings per NEC requirements, supplied by others.



### MOUNTING LOCATIONS—SM(T)

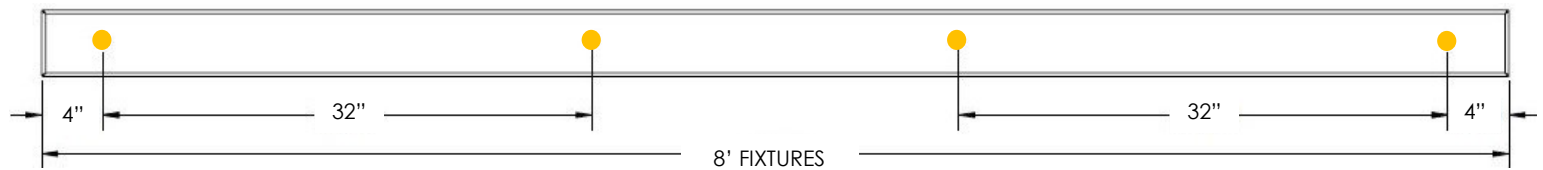
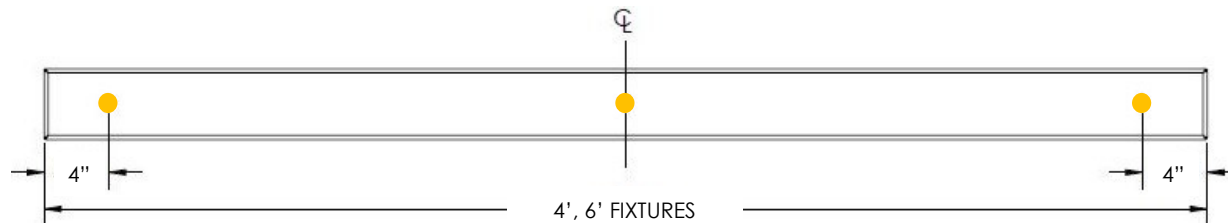
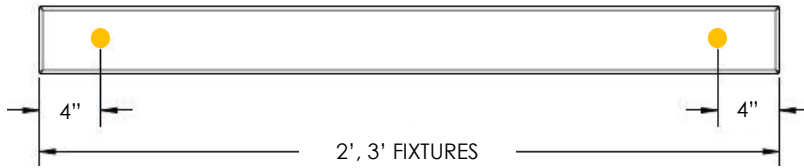
Mounting locations (●) vary between SM(T) option and others due to length and power location. Views below show top of fixtures.



NOTE: Hole size at mounting locations is Ø.266".

## MOUNTING LOCATIONS—SM(S) & SM(E)

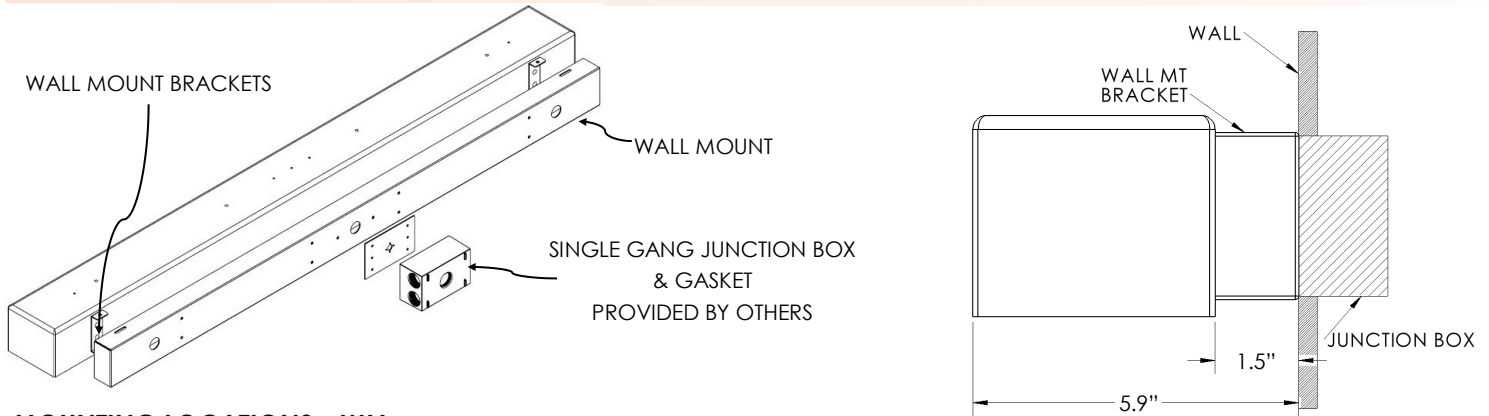
The number of mounting locations (●) increase as fixtures get longer. Views below show top of fixtures.



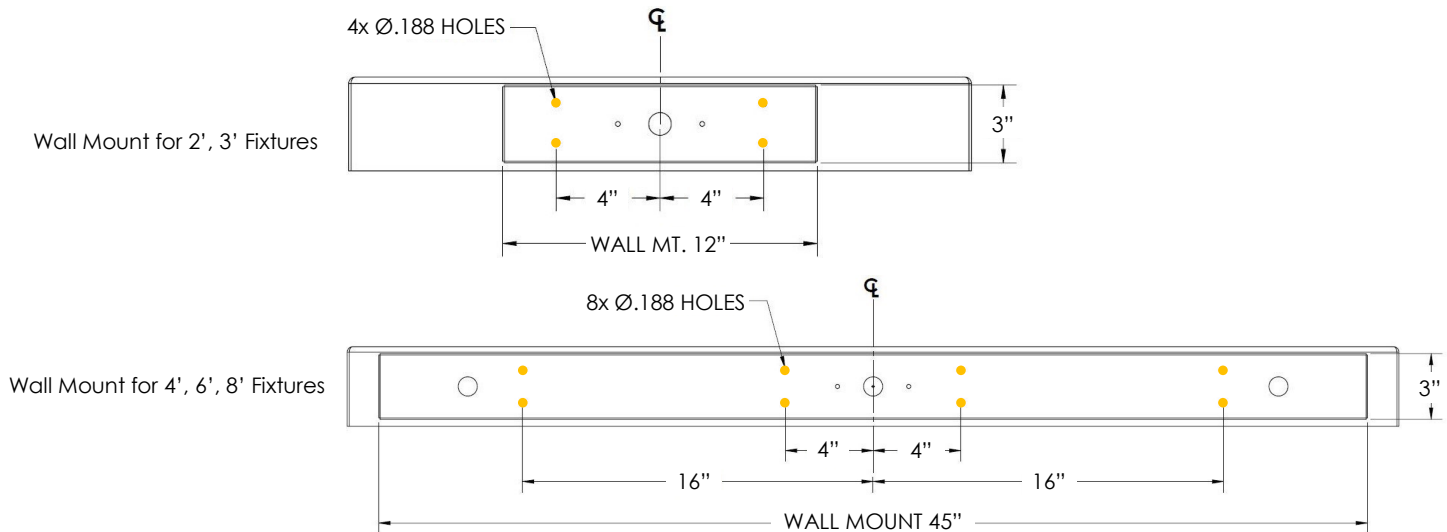
NOTE: Hole size at mounting locations is Ø.266".

### MOUNTING OPTIONS CONTINUED

#### WM - Wall Mount

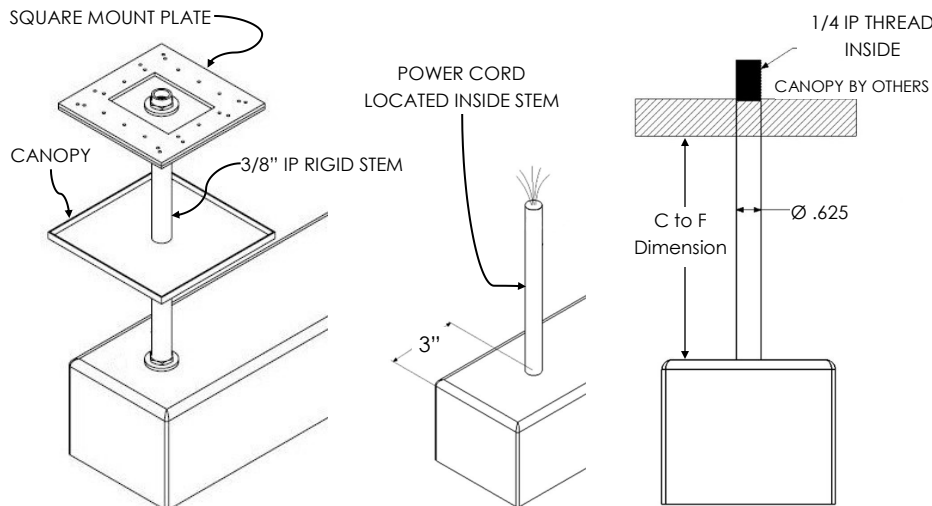


#### MOUNTING LOCATIONS—WM



#### RSX(xx) - Rigid Stem Mount

When ordering, please specify stem mount length ("xx" indicates stem length). See table below for stem lengths available. Please also specify the color of the stem ("X" indicates stem color). Rigid stem mount can be ordered in white (RSW) or black (RSB).



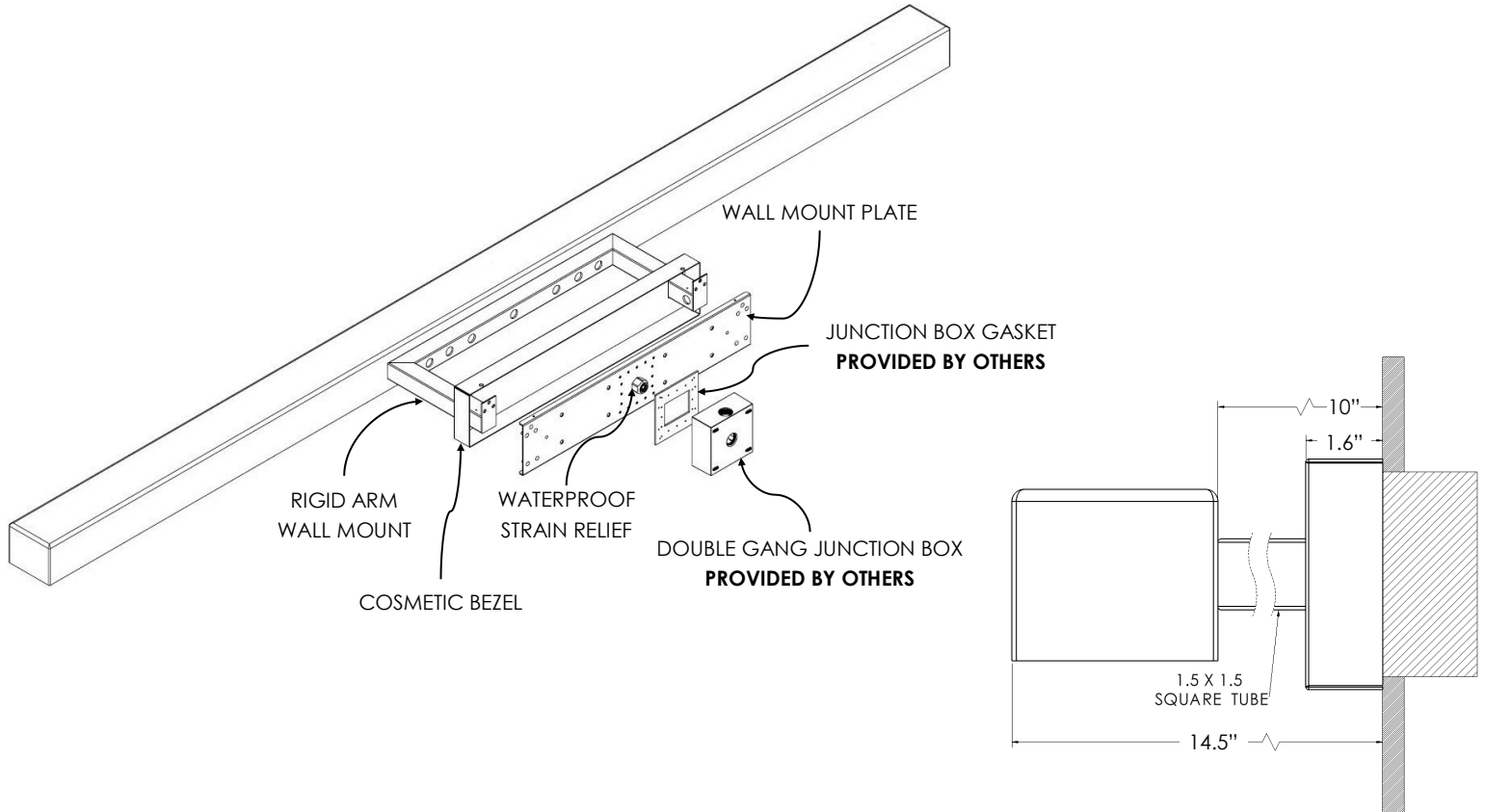
| Stem Lengths   |        |         |        |         |        |
|--|--------|---------|--------|---------|--------|
| <i>*RSX(xx) specified is 3/4" shorter when measured from ceiling to fixture (C to F).*</i> |        |         |        |         |        |
| RSX(xx)  | C to F | RSX(xx) | C to F | RSX(xx) | C to F |
| 6"   | 5.25"  | 24"     | 23.25" | 60"     | 59.25" |
| 8"   | 7.25"  | 27"     | 26.25" | 66"     | 65.25" |
| 9"   | 8.25"  | 30"     | 29.25" | 72"     | 71.25" |
| 12"  | 11.25" | 36"     | 35.25" | 78"     | 77.25" |
| 15"  | 14.25" | 42"     | 41.25" | 84"     | 83.25" |
| 18"  | 17.25" | 48"     | 47.25" | 90"     | 89.25" |
| 21"  | 20.25" | 54"     | 53.25" | 96"     | 95.25" |

# Hydro Beam Direct

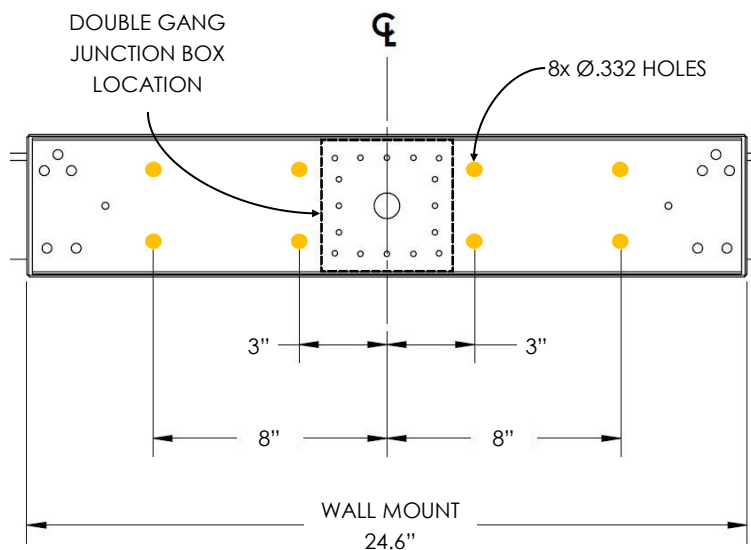
|          |  |
|----------|--|
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| Project: |  |

## MOUNTING OPTIONS

### RAWM (Rigid Arm Wall Mount)



### MOUNTING LOCATIONS—RAWM



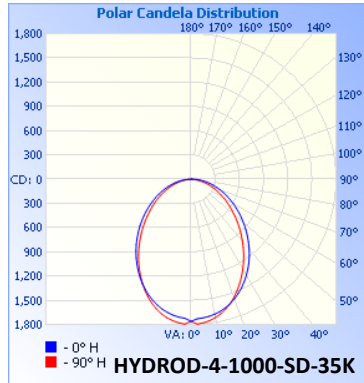
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| Type:    |  |
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### PERFORMANCE

#### HYDROD-X-1000-SD (80+ CRI)



| Model                | Lumens | Watts | LPW |
|----------------------|--------|-------|-----|
| HYDROD-4-1000-SD-30K | 4000   | 37    | 107 |
| HYDROD-4-1000-SD-35K | 4000   | 36    | 110 |
| HYDROD-4-1000-SD-40K | 4000   | 36    | 112 |
| HYDROD-4-1000-SD-50K | 4000   | 35    | 115 |

| Model                | Lumens | Watts | LPW |
|----------------------|--------|-------|-----|
| HYDROD-8-1000-SD-30K | 8000   | 68    | 117 |
| HYDROD-8-1000-SD-35K | 8000   | 67    | 120 |
| HYDROD-8-1000-SD-40K | 8000   | 66    | 122 |
| HYDROD-8-1000-SD-50K | 8000   | 64    | 125 |



## FINISHES

### STANDARD FINISHES



WHITE MINI TEXTURE



BLACK MINI TEXTURE



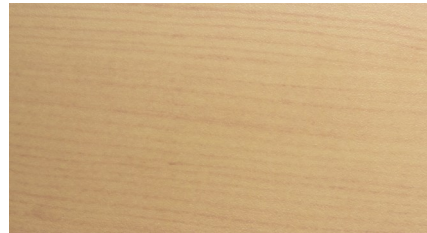
BRONZE TEXTURE

*Custom finishes (PO) will incur a set up fee and will add an extended lead time to your project.*

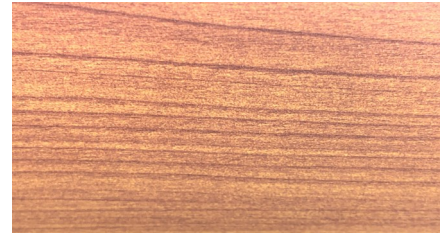
### PREMIUM STOCK FINISHES



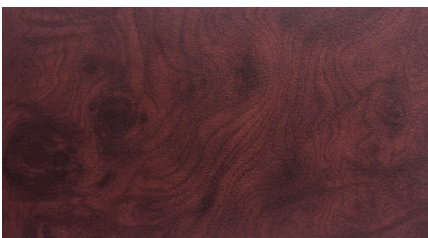
PSF001 (WOOD#1)



PSF002 (WOOD#2)



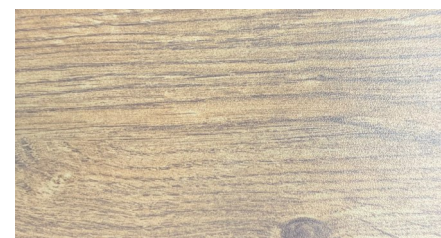
PSF003 (WOOD#3)



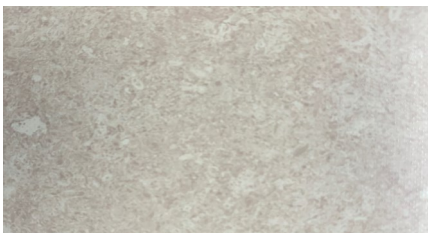
PSF004 (WOOD#4)



PSF005 (WOOD#5)



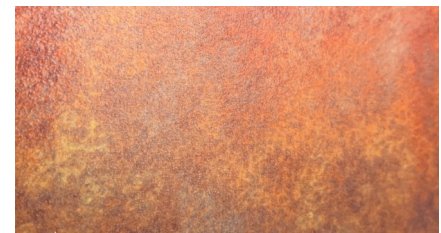
PSF006 (WOOD#6)



PSF007 (STONE #1)



PSF008 (STONE #2)



PSF009 (METAL #1)

**NOTE:** A minimal impact to lead times will apply to products specified with Premium Stock Finishes (PSF). It is not to be assumed that these finishes are stocked in our warehouse, but rather, are readily available to us for your project.

*All other custom finishes (PO) will incur a set up fee and will add an extended lead time to your project.*



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## SPECIFICATIONS

### Housing

Nominal 3.6" x 4.4" x 0.090 thick aluminum housing

### Color

Colors for the housing are available in a powder coated white, black and bronze. Consult factory for custom colors.

### Luminaire Length

2', 3', 4', 6' or 8' lengths are available for a single stand-alone section. Using contractor provided conduit, 4' and 8' sections can be joined to form longer rows up to 50'.

### Lensing

1/8 Thick Impact resistant outdoor (F1) rated polycarbonate lensing.

### Source

Variable lumen packages are available in four color temperature options (3000K, 3500K, 4000K and 5000K) — all within 2.5 MacAdam ellipses.

### Certification

Intertek cETLus Wet Location Listed. RoHS (Restriction of Hazardous Substances) and Buy American Act Compliant.

### Battery

Bodine battery providing up to 1200lm(10W) for 90 minutes. UL924 listed. Class 2 compliant. Meets Title 20 CEC (California Energy Commission) efficiency standards.

### Environment

Suitable for dry, damp, and wet locations.  
Operating temp.: -40°C to +50°C  
-40°F to +122°F

### Dimming Driver

Osram Optotronic Outdoor LED Driver allows tunable output currents to achieve infinite configurations of output. UL Class P recognized. 0-10v interface can be wired as Class 1 or Class 2 circuit.

### Packaging

Sustainably manufactured outside cardboard box and biodegradable, protective poly-foam luminaire inserts.

## WARRANTY

5-year limited warranty. Complete warranty terms can be located at:

[https://starteklightingamerica.com/wp-content/uploads/2019/11/Hydro\\_Beam\\_Warranty.pdf](https://starteklightingamerica.com/wp-content/uploads/2019/11/Hydro_Beam_Warranty.pdf)

Note: Actual performance may differ as a result of installation environment and final application.  
All values are design or typical values, measured under laboratory conditions, at 25°C (77°F) .

## CONTROL

### Sensor

VERTEX Fixture Integrated Occupancy Sensor with Dimming Photocell. Ideal for standalone or network lighting control applications. Its ultra-small footprint enables seamless integration into an indoor or outdoor luminaires without disrupting aesthetics or requiring additional mounting space. Its versatility allows for mounting at various heights up to 15ft detecting major and minor motion movement.

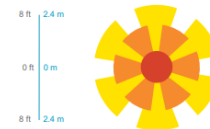


### COVERAGE PATTERNS

#### Motion Sensor Small Range

- Optimized full coverage pattern for 8 ft (2.4 m) mounting height
- Reliable detection of small motion

TOP VIEW



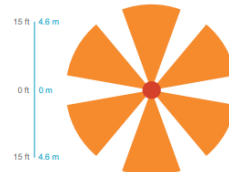
SIDE VIEW



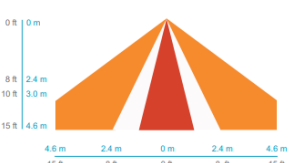
#### Motion Sensor Large Range

- Optimized full coverage from 8 ft - 15 ft (2.4 m - 4.5 m) mounting heights
- Reliable detection of large motion (e.g. pedestrian walking traffic)
- 1.3 x's mounting height equals approximate detection range

TOP VIEW



SIDE VIEW



### Specification

Input Rating : 3.3V-5V(Voltage), 5mW (Mega Power)

Environmental Specification : -10°C - 70°C (Std. Operating Temp.), -40°C - 70°C (LT Operating Temp)

Output Rating : Not Applicable