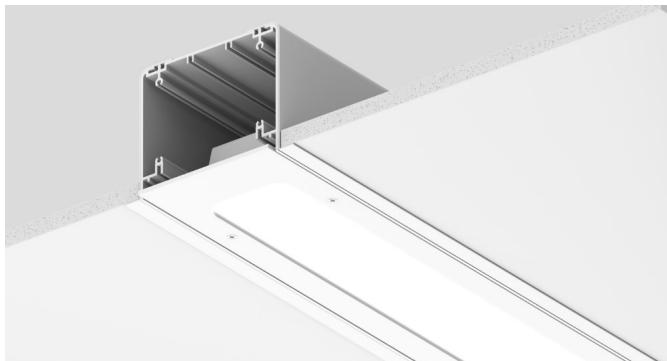
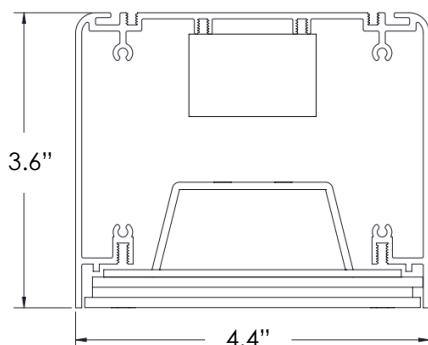


Type:	
Project:	
REP/Agent:	
Order #:	

RECESSED HYDRO BEAM



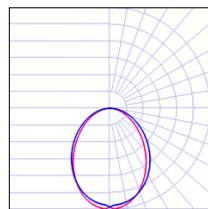
DIMENSIONS



FEATURES

- ★ 2', 3', 4', 6' and 8' individual units
- ★ Fixtures can be linked together for continuous rows
- ★ Soft diffused direct lighting
- ★ Outdoor powder coat finishes available in white, black, silver and bronze
- ★ Premium finishes also available
- ★ 0-10V dimming is standard
- ★ Dim to 10% of output current is standard
- ★ 90 CRI (R9 50min) available
- ★ CA Title 24 / JA8 installation compatible
- ★ Wet Location rated
- ★ IC Rated
- ★ IP66
- ★ Impact Protection Rating (IK10)

DISTRIBUTION



SD= Satinice Diffuse

LUMEN PACKAGES

Based on 3500K CCT. Other CCT available.

MODEL	LUMENS	INPUT WATTS	Lm/W
RHYDRO-4-1000-SD-35K	4,000	36	110
RHYDRO-8-1000-SD-35K	8,000	67	120





Type:	
Project:	
REP/Agent:	
Order #:	

RECESSED HYDRO BEAM

RHYDRO					
SERIES	LENGTH	LUMENS PER FOOT	DISTRIBUTION	CCT	CRI
RHYDRO	2= 2FT	350= 350 LPF	SD= SatinIce Diffuse	30K= 3000K	80= 80
	3= 3FT	500= 500 LPF		35K= 3500K	90= 90 (R9 50 min)
	4= 4FT	750= 750 LPF		40K= 4000K	
	6= 6FT	1000= 1000 LPF		50K= 5000K	
	8= 8FT	xxx= Custom LPF			
	xx= Run length				
	\$xx= Symmetric Run length				

FINISH	MOUNTING	POWER ENTRY	VOLTAGE	ELECTRICAL
STANDARD	COSMETIC BEZEL	T= Top Feed	U= 120-277	1C= Single Circuit
PW= Powder Coat White	CB= Cosmetic Bezel (Screw/ Rod Mount)	E= End Feed		MC= Multiple Circuits
PB= Powder Coat Black	CBY= Cosmetic Bezel (Yoke Mount)	S= Side Feed		(multiple switch legs across run length)
PS= Powder Coat Silver				EC= Emergency Circuit
PBR= Powder Coat Bronze	*NOTE: Bezel color will match fixture color unless otherwise specified, consult factory for options.			(separate power drops for EC fixtures)
PREMIUM	SPACKLE FLANGE			
RALxxxx= Powder Coat RAL xxxx	SF= Spackle Flange (Screw/ Rod Mount)			
	SFY= Spackle Flange (Yoke Mount)			
CUSTOM	TRIMLESS			
PO= Powder Other	TR= Trimless (Screw/ Rod Mount)			
See pg. 7 for options.				

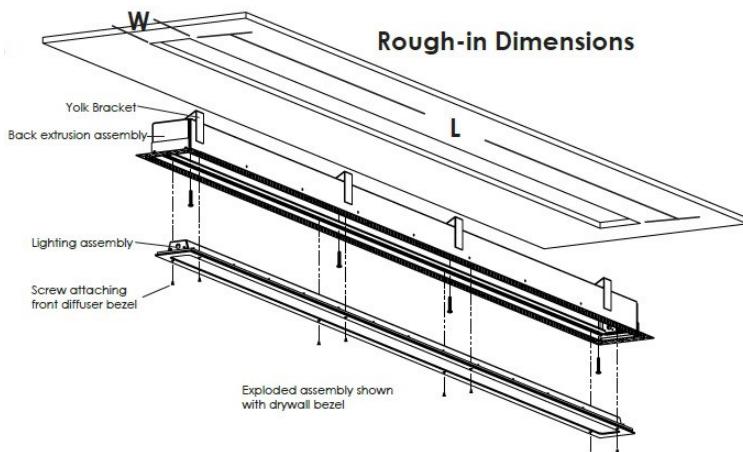
OPTIONS
BATTERIES (# indicates quantity)
#EMB10= 10W EM Battery (Iota/Bodine)
SURGE PROTECTOR
SRG= Surge Protector
SENSORS
MLR= Motion Sensor Large Range ¹

EXAMPLE: RHYDRO-40-750-SD-35K-80-PW-CB-T-U-1C-1EMB10

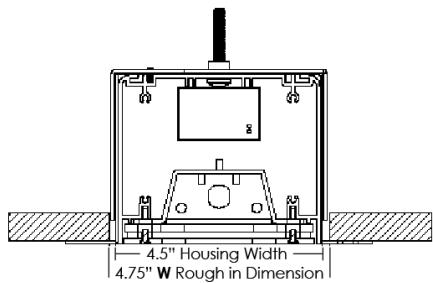
¹Motion sensor option removes dimming ability

RECESSED HYDRO BEAM

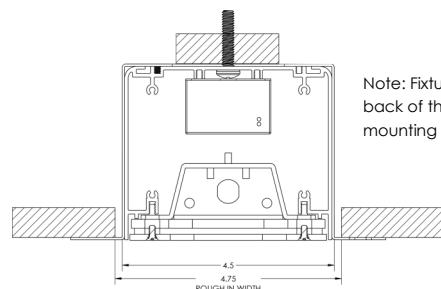
MOUNTING OPTIONS



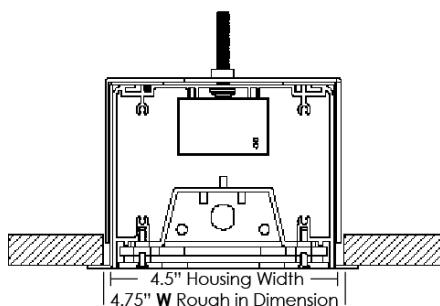
SFY - Spackle Flange (Yoke Mount)



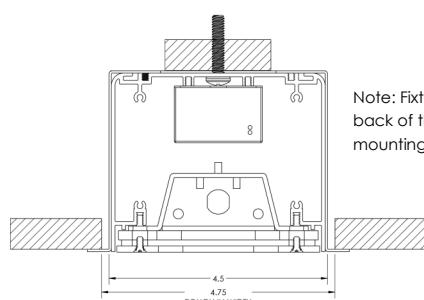
SF - Spackle Flange (Screw/ Rod Mount)



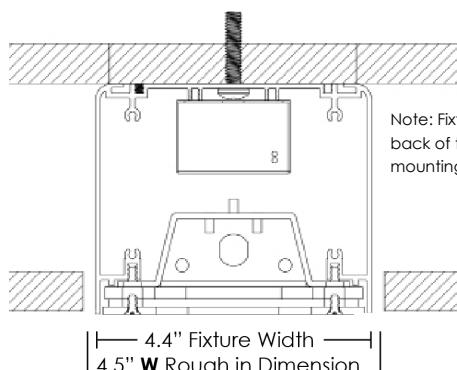
CBY - Cosmetic Bezel (Yoke Mount)



CB - Cosmetic Bezel (Screw/ Rod Mount)



TR - Trimless



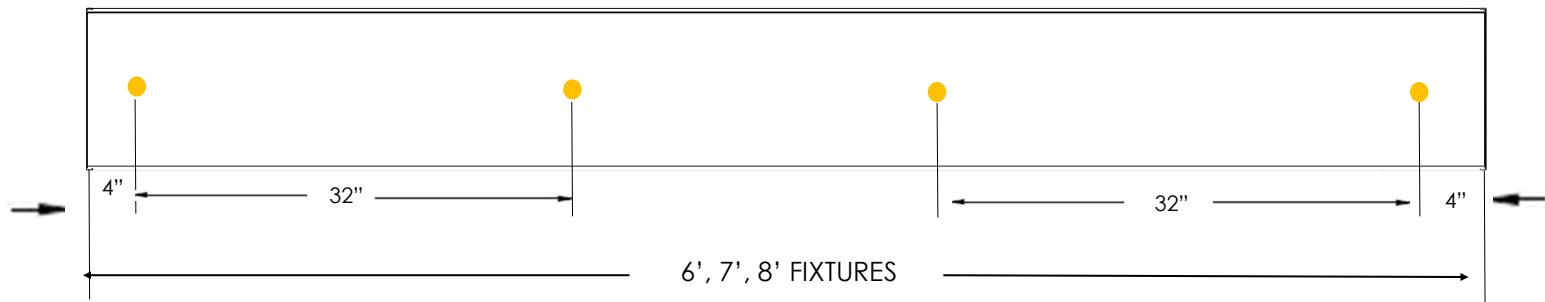
RECESSED HYDRO BEAM

MOUNTING OPTIONS

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

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

USE PROPER MOUNTING HARDWARE



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

RECESSED HYDRO BEAM

CONTINUOUS RUN

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

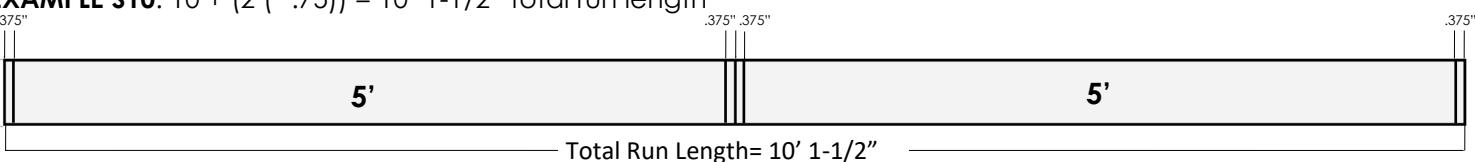
Run lengths always start with the longest fixture and receives the power feed.

		Total Length																																							
		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
# of Sections	2	1		1							1									1																					
	3		1		1	1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1					
	4			1		1			1				1						1			1			1			1			1		1		1						
	6				1			1	1	1	2	1			1	3				1			1	1				1		1	1		1								
	8						1		1	1	1	2	1		2	2	2	2	3	2	2	3	3	3	3	3	4	3	3	4	4	4	4	4	5						

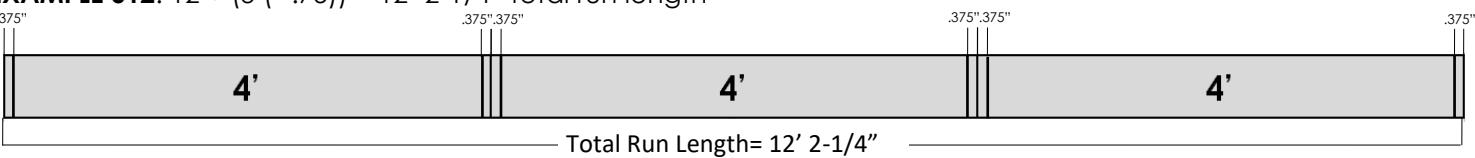
Sxx (Symmetric Run)

The construction of Sxx (y') is to build with equal length fixtures. The xx indicates the run length. The y' indicates the fixture length used to create the run. Please indicate this on your P.O. when placing your order. **NOTE:** Each fixture has two end caps; each end cap is .375" so the actual length differs from the ordered length. Please make note of the Total Length Formula (Run length= ordered length + (Fixture # (* .75))) & refer to examples below.

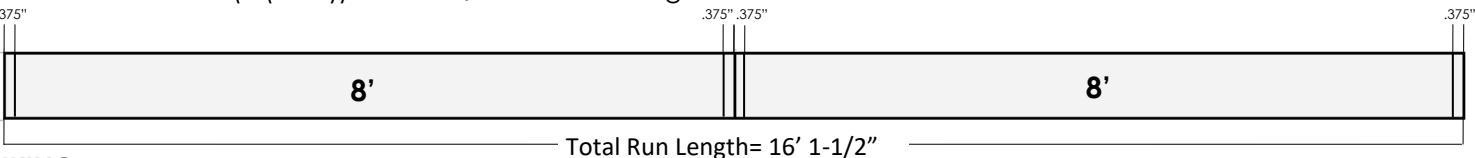
EXAMPLE S10: $10 + (2 (* .75)) = 10' 1\frac{1}{2}"$ total run length



EXAMPLE S12: $12 + (3 (* .75)) = 12' 2\frac{1}{4}"$ total run length

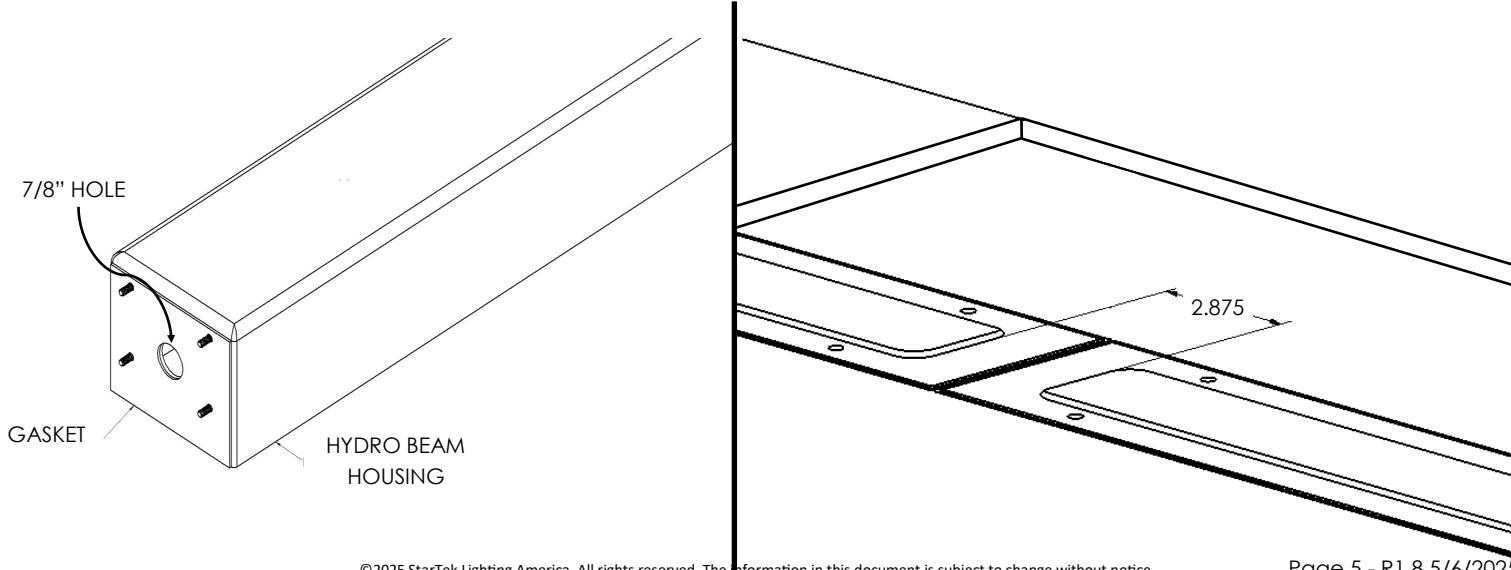


EXAMPLE S16: $16 + (2 (* .75)) = 16' 1\frac{1}{2}"$ total run length



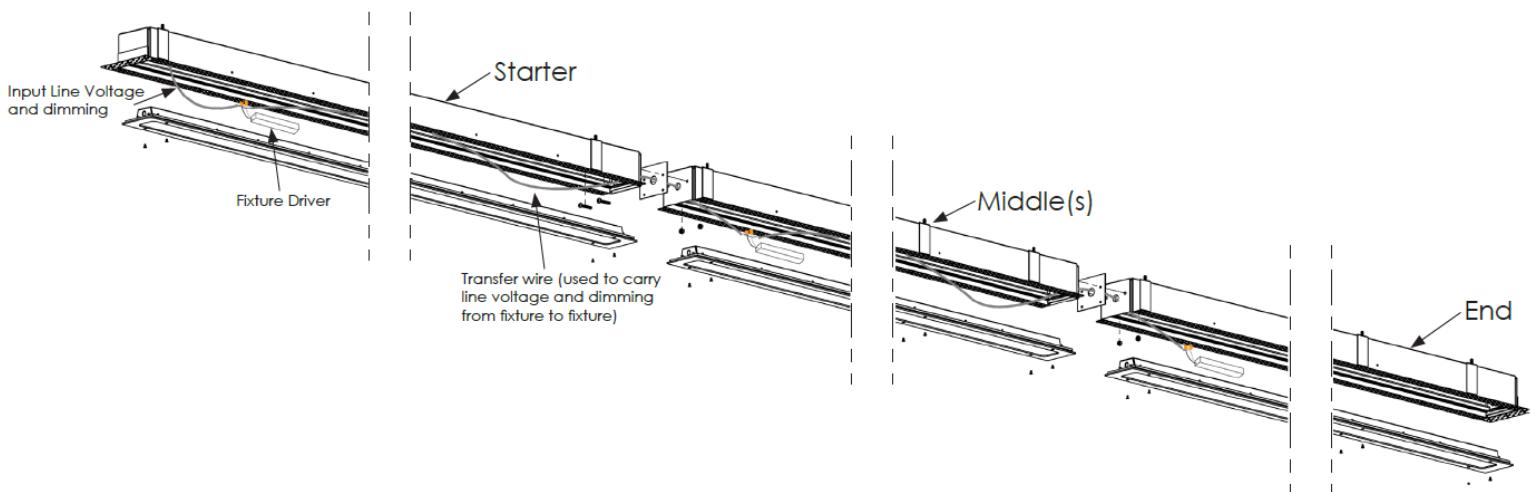
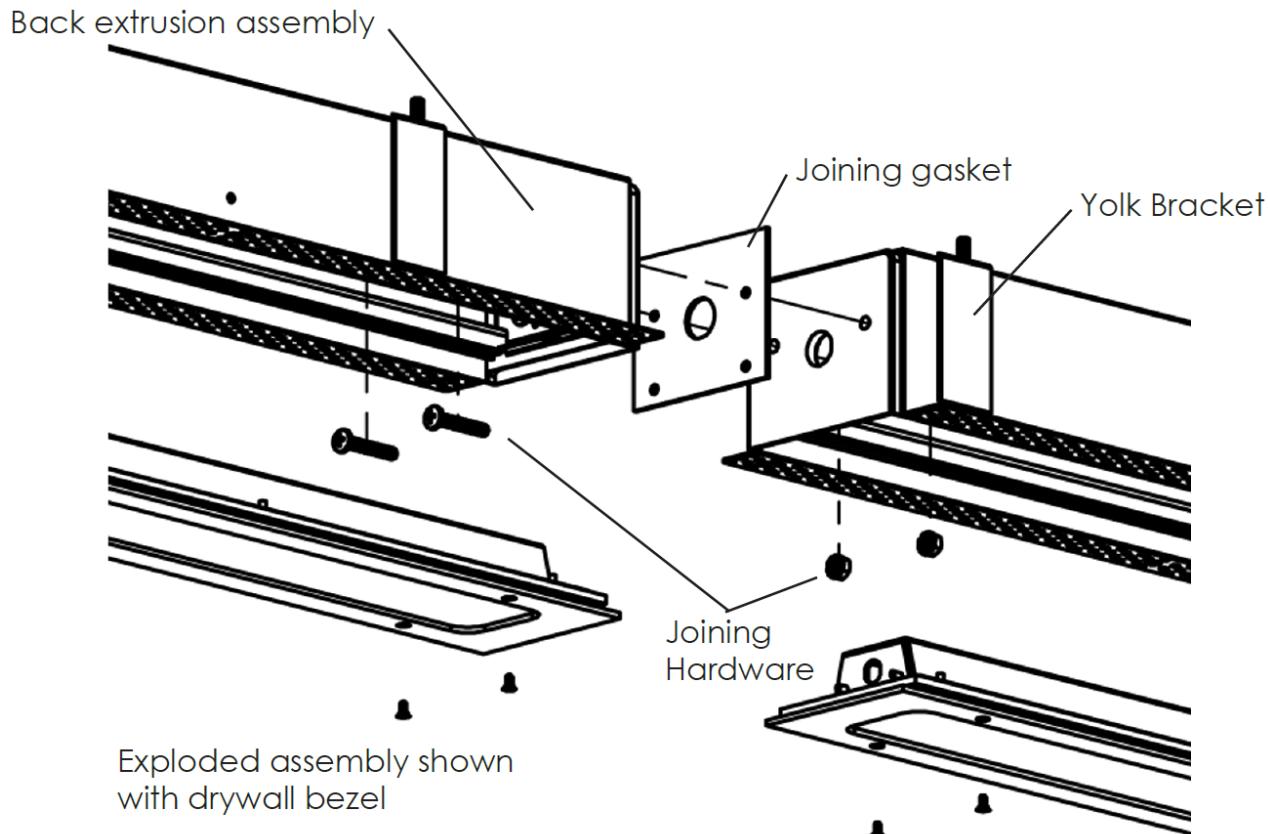
LINKING

Typical continuous run installation shown below.



RECESSED HYDRO BEAM

LINKING CONT'D

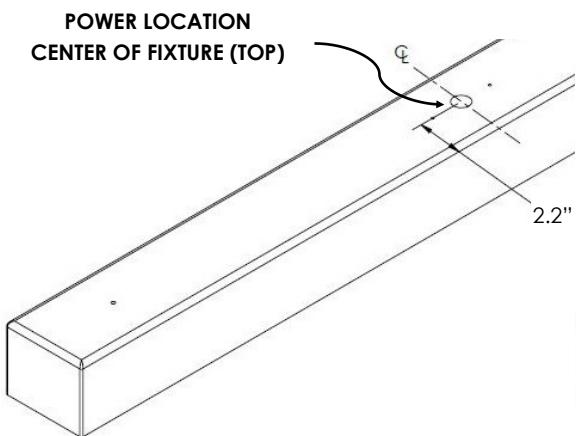


RECESSED HYDRO BEAM

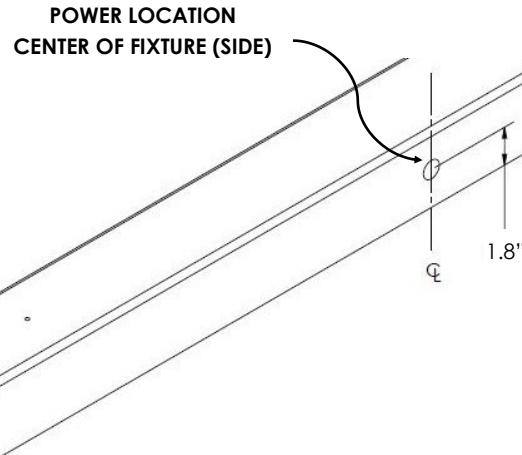
POWER ENTRY

Power Locations

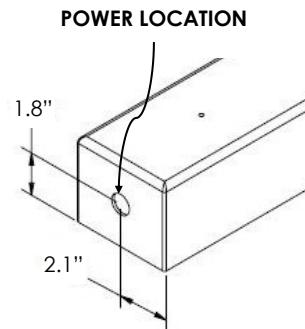
Power to be fed through one (1) 7/8" hole created in the top—SM(T), side—SM(S), or end—SM(E) of the lighting fixture. Hole can accommodate 1/2" conduit. Lighting fixture is to be wired with UL listed wet location fittings per NEC requirements, supplied by others.



T (Top Feed)



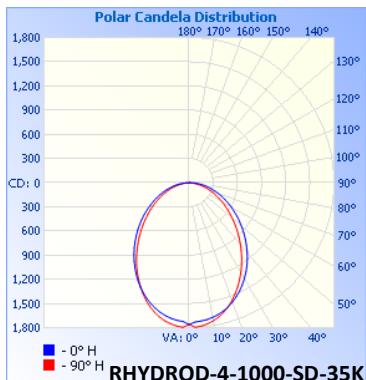
S (Side Feed)



E (End Feed)

PERFORMANCE

RHYDROD-X-1000-SD (80+ CRI)



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

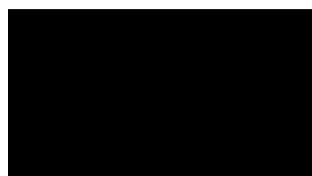
Model	Lumens	Watts	LPW
RHYDROD-8-1000-SD-30K	8000	68	117
RHYDROD-8-1000-SD-35K	8000	67	120
RHYDROD-8-1000-SD-40K	8000	66	122
RHYDROD-8-1000-SD-50K	8000	64	125

FINISHES

STANDARD FINISHES



WHITE MINI TEXTURE



BLACK MINI TEXTURE



SILVER



BRONZE

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

RECESSED HYDRO BEAM

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 silver 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, sections can be joined to form longer rows up to 50'.

Lensing

0.125" 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 3 MacAdam ellipses.

Certification

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

Battery

Lithium ion 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

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



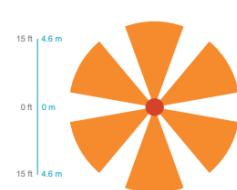
SIDE VIEW



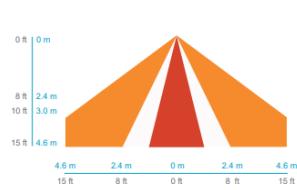
Motion Sensor Large Range

- 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