

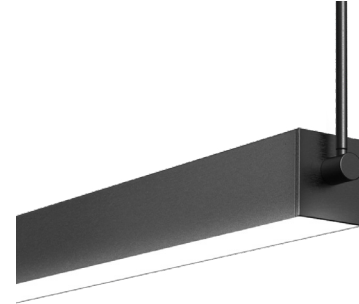
Flow 91L

3" WET LOCATION PENDANT, WALL, OR SURFACE
DIRECT, INDIRECT, OR INDIRECT/DIRECT

FEATURES

- Wet location application
- Sections can be joined for continuous runs
- Pendant, Surface, and Wall mounting available
- Variable Intensity technology provides a range of specifiable outputs and resulting fixture wattages
- 1500 lumens/ft max. See performance data table on page 3 for additional information.

FLOW



SPECIFICATIONS

CONSTRUCTION

- 2.9" x 4.8" profile with 2.4" aperture (nominal).
- Extruded aluminum housing with machined aluminum end headers
- Machined aluminum end caps mechanically attached with no exposed fasteners
- Closed-cell silicon gasketing

OPTICS

- 3 SDCM CCT consistency, 80 CRI.
- Soft diffuse extruded acrylic downlight diffuser.
- Lightly frosted extruded acrylic indirect diffuser
- Glass lens not available

ELECTRICAL

- Variable Intensity (VI) technology allows precise specification of fixture output/wattage. Fixture will be programmed and labeled to specification.
- LED boards and solid state constant current driver are field-servicable.
- LED rated life L85 > 50,000 hours. Tested in accordance to LM79-2008 & rated life derived from EPA TM-21 calculator.
- 1C (1 Circuit) Fixture wired for a single circuit
- 2C (2 Circuit) Uplight and downlight switched/dimmed separately. Two power feeds required.

ELECTRICAL (CONTINUED)

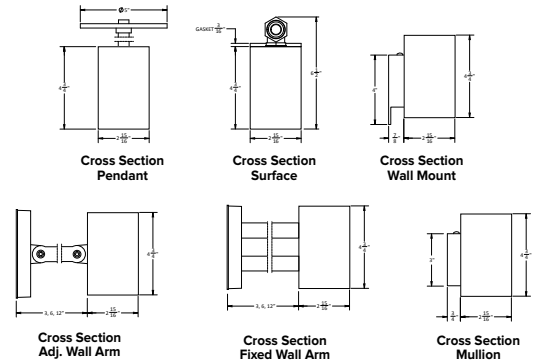
- 10W battery powered driver. Provides a minimum of 90 minutes of emergency lighting. Available in fixtures greater than 3' in length.
- Inverter-Compatible. Provided by others.
- Operating Temperature: -20 to 25°C

INSTALLATION

- Pendant mount option requires suspension at every row joint.
- Surface mount available as direct distribution only.
- Adjustable wall mount features die cast components allowing 90° vertical aiming adjustment on wall side, 45° additional adjustment on fixture side.

CERTIFICATIONS

- ETL listed for wet locations
- IBEW
- AF of L
- This product meets federal procurement law requirements under the Buy American Act (FAR 52.225-9) and Trade Agreements Act (FAR 52.225-1f). See [Buy America\(n\) Solutions](#).
- Emergency Battery Backup options are California Energy Commission (CEC) Title 20 Compliant.



	Weight
91L-PWS-3	4 lbs/ft

WARRANTY

- LED boards - 5 years
- LED drivers (standard) - 5 years

KEY DATA	
Lumen Range	I: 400–1500 D: 350–1200
SDCM	3
Rated Life	L85 > 50,000 Hours
Efficacy	92–109

Flow 91L

3" WET LOCATION PENDANT, WALL, OR SURFACE
DIRECT, INDIRECT, OR INDIRECT/DIRECT

ORDERING GUIDE

Example: 91L-W-ID-3-STD-12-06-SOF-C5-35K-I060-D100-D01-2C-UNV-A3

CATALOG #

91L	Series	Mounting	Distribution	Aperture	Uplight Distribution	Row Length (In Feet)	Max Length in Row	Diffuser
91L	Flow	P Pendant S Surface ¹ W Wall	D Direct I Indirect ID Indirect/Direct	3 3"	STD Standard	____' Enter in foot increments	02 2', 609mm 03 3', 914mm 04 4', 1219mm 05 5', 1524mm 06 6', 1828mm 08 8', 2438mm	SOF Soft Diffuse Lens, Lambertian

Finish/Color	CCT/CRI	Indirect Output/Ft ²	Direct Output/Ft ³	Driver	Circuiting	Voltage
C1 Matte White (Default)	30K 3000K, 80CRI	I040 400 (Min) to	D035 350 (Min) to	D01 1% Dimming, 0-10V	1C 1 Circuit	UNV 120-277V
C4 Machined Aluminum	35K 3500K, 80CRI	I150 1500 (Max)	D120 1200 (Max)		2C 2 Circuit - Uplight/Downlight	
C5 Carbon Black	40K 4000K, 80CRI					
CC Custom Color						

Optional				
Mounting Kit	Nightlight	Emergency	Thru-Wiring	Patterns
Pendant H72 72" Pendant ⁸ Wall WM Standard Wall Mount MM Mullion Mount A3 3" Adjustable Arm A6 6" Adjustable Arm A12 12" Adjustable Arm F3 3" Fixed Arm F6 6" Fixed Arm F12 12" Fixed Arm	NL Nightlight Circuit Required ⁴	EF 10W Emergency Battery Backup (CEC Title 20 Compliant) ⁵	W1 No Thru-Wire W2 Provide Normal and NL/EF Thru-Wiring ⁶ W3 Provide Normal Thru-Wiring Only	C90L Illuminated 90° Corner ⁷

Notes:

- ¹ For surface mount, leave mounting kit blank.
- ² Specifiable in 50 lumen increments. Reference the Performance Data Table for full performance offering and exceptions.
- ³ Specifiable in 50 lumen increments. Reference the Performance Data Table for full performance offering and exceptions.
- ⁴ Enter Quantity. 2NL= 2 Nightlight circuits per row.
- ⁵ Enter Quantity. 2EF= 2 Batteries per row. 10W battery powered driver. Provides a minimum of 90 minutes of emergency lighting. Inverter Compatible. Provided by others.
- ⁶ Only applicable when specified with Emergency/Nightlight
- ⁷ Contact Factory for pattern configurations. Not available for pendant mount application. Additional lead time may be applicable Approval drawings required.
- ⁸ Only ships with 5" canopies.

Flow 91L

3" WET LOCATION PENDANT, WALL, OR SURFACE
DIRECT, INDIRECT, OR INDIRECT/DIRECT

PERFORMANCE DATA TABLE

The table below shows the delivered lumens for the various lumen outputs. Use this chart in connection with the output multiplier capability to deliver any output required

Distribution/Output	Lumens/Ft	W/Ft	Efficacy
Direct			
D035	350	3.9	89
D040	400	4.4	90
D045	450	4.9	92
D050	500	5.4	92
D055	550	6.0	93
D060	600	6.5	94
D065	650	7.1	92
D070	700	7.7	91
D075	750	8.3	91
D080	800	8.9	90
D085	850	9.6	89
D090	900	10.4	88
D095	950	11.0	87
D100	1000	11.7	86
D105	1050	12.5	85
D110	1100	13.3	83
D115	1150	14.1	82
D120	1200	14.9	81
Indirect			
I040	400	3.6	111
I045	450	4.0	114
I050	500	4.4	113
I055	550	4.8	115
I060	600	5.2	115
I065	650	5.7	114
I070	700	6.0	116
I075	750	6.5	115
I080	800	6.9	115
I085	850	7.4	115
I090	900	7.9	114
I095	950	8.3	114
I100	1000	8.8	114
I105	1050	9.3	113
I110	1100	9.7	113
I115	1150	10.2	112
I120	1200	10.6	113
I125	1250	11.2	111
I130	1300	11.7	111
I135	1350	12.2	111
I140	1400	12.7	110
I145	1450	13.2	110
I150	1500	13.8	109

(wattage may vary up to 5% from published)

Output Multiplier Table

Photometrics and outputs published on this spec sheet are based on nominal 3500K temperature. This table may be used to approximate the lumen values at different Kelvin temperatures. Power consumption would stay the same.

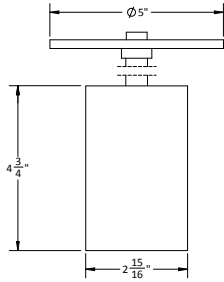
CCT	80 CRI
3000K	0.98
3500K	1
4000K	1.03

Flow 91L

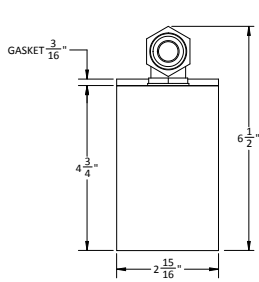
3" WET LOCATION PENDANT, WALL, OR SURFACE
DIRECT, INDIRECT, OR INDIRECT/DIRECT

DIMENSIONS

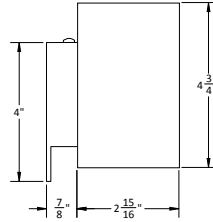
91L-PWS-3



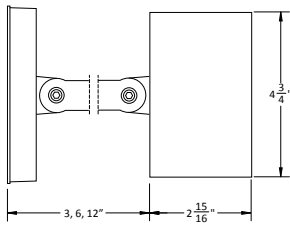
Cross Section
Pendant



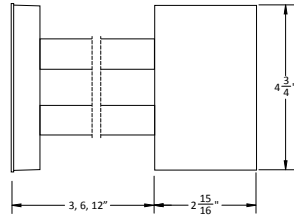
Cross Section
Surface



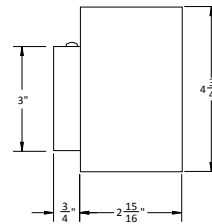
Cross Section
Wall Mount



Cross Section
Adjustable Wall Arm



Cross Section
Fixed Wall Arm



Cross Section
Mullion