

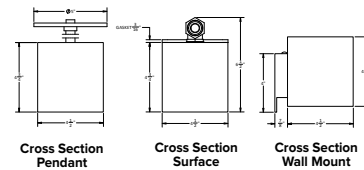
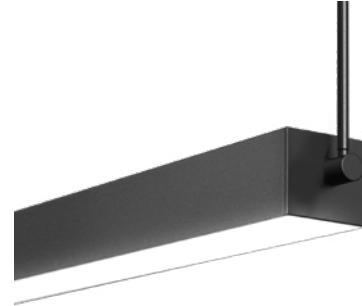
# Flow 91L

4" WET LOCATION PENDANT, WALL, OR SURFACE

## 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.
- TriGain® Technology provides superior color quality without compromising efficacy.

# FLOW



## SPECIFICATIONS

### CONSTRUCTION

- 4.5" x 4.8" profile with 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, 90 CRI.
- Soft diffuse extruded acrylic downlight 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 L90 > 60,000 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) 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: -30 to 50°C

### INSTALLATION

- Pendant mount option requires suspension at every row joint.

### 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 52.225-11). See [Buy America\(n\) Solutions](#).
- Emergency Battery Backup options are California Energy Commission (CEC) Title 20 Compliant.

### WARRANTY

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

	Weight
91L-PWS-4	4 lbs/ft

KEY DATA	
Lumen Range	D: 350-1350
SDCM	3
Rated Life	L90 > 60,000 Hours
Efficacy	108-122

# Flow 91L

4" WET LOCATION PENDANT, WALL, OR SURFACE

## ORDERING GUIDE

**Example:** 91L-W-D-4-STD-12-06-SOF-C5-35K-D100-D01-1C-UNV-WM

CATALOG #

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

Finish/Color		CCT/CRI		Direct Output/Ft <sup>3</sup>		Driver		Circuiting		Voltage		Mounting Kit	
C1	Matte White (Default)	30K	3000K, 90CRI	D035	350 (Min)	D01	1% Dimming, 0-10V	1C	1 Circuit	UNV	120-277V	Pendant	
C4	Machined Aluminum	35K	3500K, 90CRI		to			2C	2 Circuit			H72	72" Pendant <sup>8</sup>
C5	Carbon Black	40K	4000K, 90CRI	D135	1350 (Max)							Wall	
CC	Custom Color											WM	Standard Wall Mount

Optional		
Nightlight	Emergency	Thru-Wiring
NL	EF	W1
Nightlight Circuit Required <sup>4</sup>	10W Emergency Battery Backup (CEC Title 20 Compliant) <sup>5</sup>	No Thru-Wire
		W2
		Provide Normal and NL/EF Thru-Wiring <sup>6</sup>
		W3
		Provide Normal Thru-Wiring Only

Notes:

- <sup>1</sup> For surface mount, leave mounting kit blank.
- <sup>2</sup> Specifiable in 50 lumen increments. Reference the Performance Data Table for full performance offering and exceptions.
- <sup>3</sup> Specifiable in 50 lumen increments. Reference the Performance Data Table for full performance offering and exceptions.
- <sup>4</sup> Enter Quantity. 2NL= 2 Nightlight circuits per row.
- <sup>5</sup> 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.
- <sup>6</sup> Only applicable when specified with Emergency/Nightlight
- <sup>7</sup> Contact Factory for pattern configurations. Not available for pendant mount application. Additional lead time may be applicable Approval drawings required.
- <sup>8</sup> Only ships with 5" canopies.

# Flow 91L

4" WET LOCATION PENDANT, WALL, OR SURFACE

## 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
<b>Direct</b>			
D035	350	3.3	106
D040	400	3.7	108
D045	450	4.1	110
D050	500	4.5	111
D055	550	4.9	112
D060	600	5.3	113
D065	650	5.8	112
D070	700	6.3	111
D075	750	6.7	112
D080	800	7.2	111
D085	850	7.7	110
D090	900	8.3	108
D095	950	8.8	108
D100	1000	9.3	108
D105	1050	9.9	106
D110	1100	10.5	105
D115	1150	11.1	104
D120	1200	11.7	103
D125	1250	12.3	102
D130	1300	13.0	100
D135	1350	13.6	99

*(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

4" WET LOCATION PENDANT, WALL, OR SURFACE

DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_

TYPE: \_\_\_\_\_ PROJECT: \_\_\_\_\_

CATALOG #: \_\_\_\_\_

## DIMENSIONS

91L-PWS-4

