

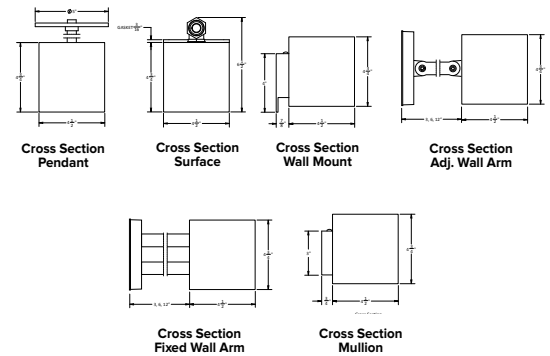
Flow 91L

4" 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

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

	Weight
91L-PWS-4	4 lbs/ft

WARRANTY

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

KEY DATA	
Lumen Range	I: 400-1500 D: 350-1350
SDCM	3
Rated Life	L85 > 50,000 Hours
Efficacy	108-122

Flow 91L

4" WET LOCATION PENDANT, WALL, OR SURFACE
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ORDERING GUIDE

Example: 91L-W-ID-4-STD-12-06-SOF-C5-35K-I060-D100-D01-2C-UNV-A3

CATALOG # _____

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

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)	D035	350 (Min)	D01	1% Dimming, 0-10V	1C	1 Circuit	UNV	120-277V
C4	Machined Aluminum	35K	3500K, 80CRI		to		to			2C	2 Circuit - Uplight/Downlight		
C5	Carbon Black	40K	4000K, 80CRI	I150	1500 (Max)	D135	1350 (Max)						
CC	Custom Color												

Optional				
Mounting Kit	Nightlight	Emergency	Thru-Wiring	Patterns
Pendant	NL Nightlight Circuit Required ⁴	EF 10W Emergency Battery Backup (CEC Title 20 Compliant) ⁵	W1 No Thru-Wire	C90L Illuminated 90° Corner ⁷
H72 72" Pendant ⁸			W2 Provide Normal and NL/EF Thru-Wiring ⁶	
Wall			W3 Provide Normal Thru-Wiring Only	
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				

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

4" WET LOCATION PENDANT, WALL, OR SURFACE
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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	3.3	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
Indirect			
I040	400	3.1	129
I045	450	3.4	132
I050	500	3.8	132
I055	550	4.1	134
I060	600	4.5	133
I065	650	4.9	133
I070	700	5.2	135
I075	750	5.6	134
I080	800	6.0	133
I085	850	6.4	133
I090	900	6.8	132
I095	950	7.2	132
I100	1000	7.6	132
I105	1050	8.0	131
I110	1100	8.4	131
I115	1150	8.8	131
I120	1200	9.2	130
I125	1250	9.7	129
I130	1300	10.1	129
I135	1350	10.5	129
I140	1400	11.0	127
I145	1450	11.4	127
I150	1500	11.9	126

(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

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4" WET LOCATION PENDANT, WALL, OR SURFACE
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DIMENSIONS

91L-PWS-4

