

## DESCRIPTION

The 79-PF LED achieves a seamless, continuous line of light while softly washing perimeter walls. The 79-PF LED incorporates an optical grade acrylic reflector that can be shipped in lengths up to 40 ft. Installed after the housing and wiring, the PentaFlex™ reflector beautifully eliminates gaps and construction flaws. Now available with advanced LED technology, the 79-PF represents a perfect harmony of efficacy and refinement.

Catalog #		Type
Project		
Comments		Date
Prepared by		

## SPECIFICATION FEATURES

### Construction

20-gauge cold rolled steel housing with extruded aluminum trim.

### Reflectors

PentaFlex™, continuous white reflector is seamless up to 40'.

### Finish

Durable, low gloss, white, high reflectance powder coated acrylic finish.

### Electrical

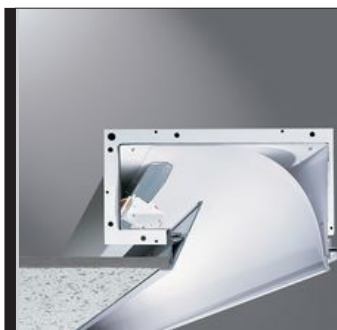
Long-life LED system coupled with electrical driver to deliver optimal performance. LED's available in 3000K, 3500K or 4000K with a typical CRI ≥ 82. Projected life is 60,000 hours at 82% lumen output. Electronic drivers are available for 120-277V applications. Fixtures and electrical components certified to UL and CUL standards. Damp location rated.

### Shielding

Luminaire ships standard with no shielding option. Dust cover available upon request.

### Mounting

Perimeter fixtures require accurate installation. Refer to installation instructions for detailed mounting information. Perimeter fixtures must be installed prior to finishing the ceiling.

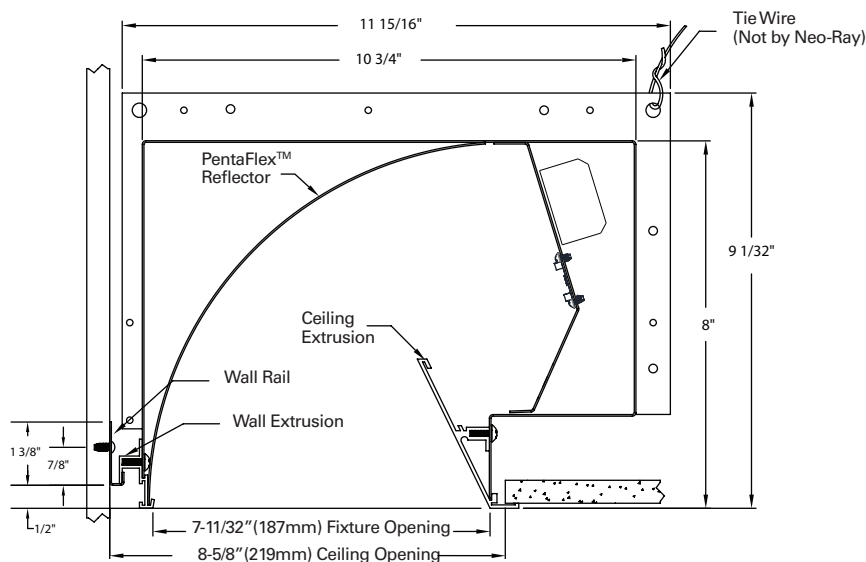


## 79-PF LED

## PentaFlex™

LED

Perimeter  
Direct Wall Wash



**Note:** Actual wall length must be provided; do not round up. Refer to length chart on page 3.

## ORDERING INFORMATION

Sample Number: S79PF-2-L35-4-UDD-1D-W

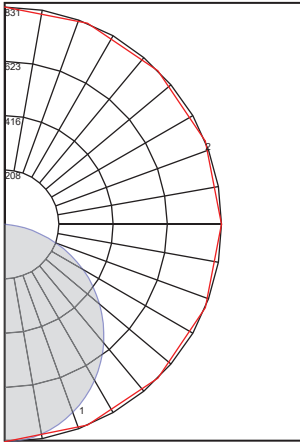
SERIES	OPTIONS	LIGHT LEVEL	COLOR TEMPERATURE	LENGTH OF RUN	INPUT VOLTAGE
S79 = Series 79	PF = PentaFlex™	-1 = Light Level 1 (1386 Lms @ 29 W) (346 Lumens per ft @ 7.25W) -2 = Light Level 2 (1802 Lms @ 38 W) (450 Lumens per ft @ 9.5W)	-L30 = LED 3000K -L35 = LED 3500K -L40 = LED 4000K	-Length of Run = ___ Ft ___ In	-U = Universal (120V-277V)² -3 = 347V³

DRIVER	CIRCUITS	WIRING	OPTIONS	COLOR OPTIONS
DD = 0-10V Dimming Driver⁴ 5LT = FifthLight DALI	-1 = Single Circuit -S = Secondary Circuit	B = Battery Pack⁵ D = Standard⁴ E = Emergency	-DC = Dust Cover -EP = End Plate (Flanged) -M = Mirror Option	-W = Matte White Trim -CC = Custom Color Trim

### Notes:

\* See page 2 for specific notes

Photometric Data - All data certified to LM-79 standards in a NAVLAB approved testing facility



Filename: 79PF-1-L35-4-UNV-STD-1C-W  
 Test Number: P24881  
 Lumens: 1386 Lm  
 Watts: 28.9 W  
 LPW: 48 Lm/W  
 CCT: 3500K

ZONAL LUMEN STUDY		
Zone	Lumens	% Fixture
0-30	648	27
0-40	1066	45
0-60	1883	80
0-90	2331	100
90-180	0	0

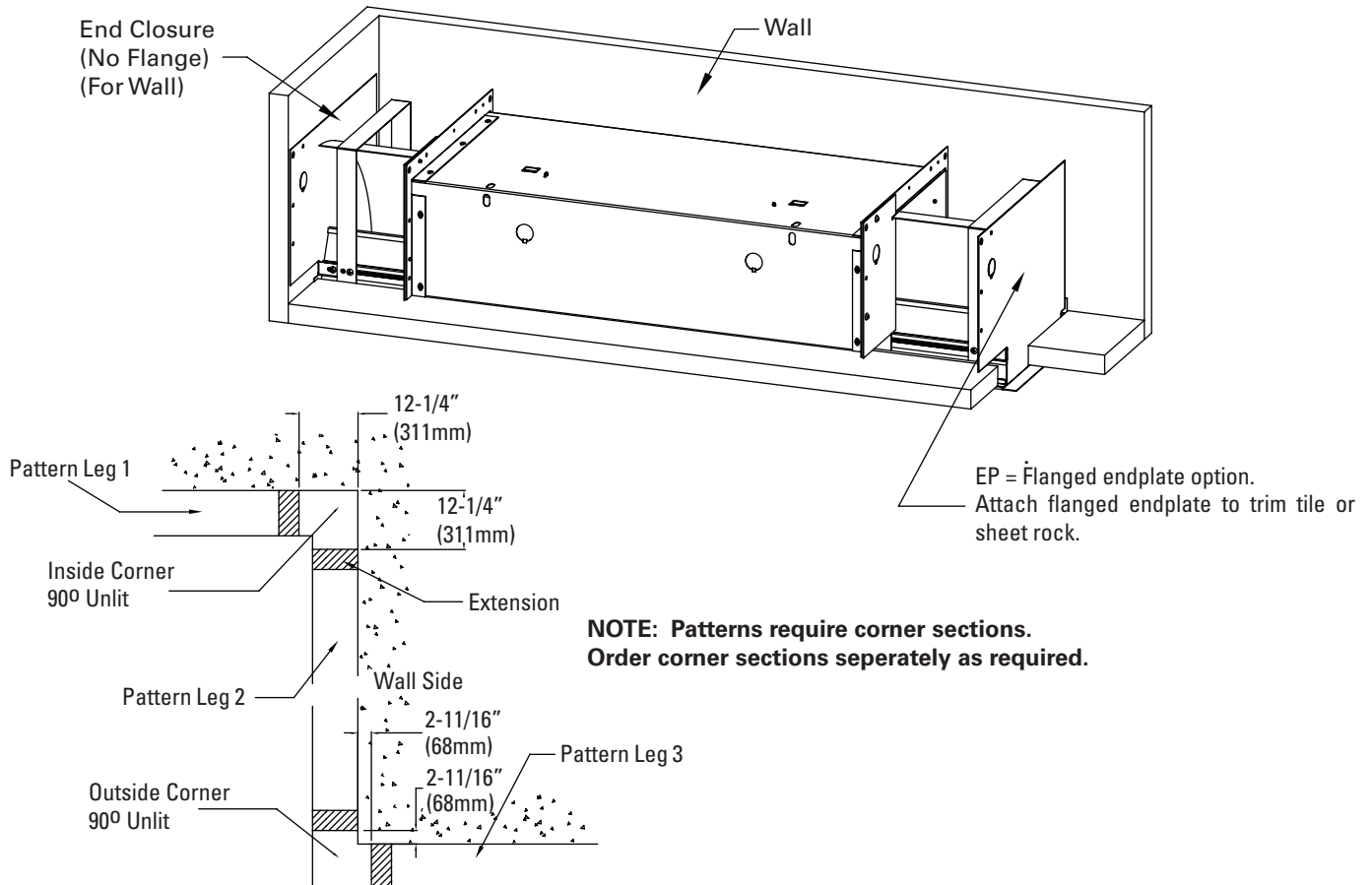
LUMINANCE DATA (cd / sq.m)			
Angle	0-Deg	45-Deg	90-Deg
45	2421	2548	2670
55	2304	2399	2494
65	2120	2128	2158
75	1756	1608	1558
85	1065	771	734

### NOTES

1. Not all dimming options available every length; please consult factory for specific details
2. For configurable runs; specify exact length; do not round up. Upon product configuration / quoting, actual fixture length will be adjusted to nominal length (1 ft increments). Nominal fixture length will accommodate up to +6 inches of field adjustability at both ends. Sub-foot length is achieved in the field during installation by trimming 6 inch end extensions.
3. 347V is achieved using remote transformer.
4. Not all dimming options available every length; please consult factory for specific details.
5. Battery pack options are not available in every length; please consult factory for specific details.

Mounting Information - Refer to installation instructions for detailed mounting information

**NOTE:** A pair of end closures per run are provided by default. No flanged endplates are provided. If flanged endplates are required, order "EP" in catalog nomenclature. EP option includes a pair of left and right flanged endplates.



**NOTE: Patterns require corner sections. Order corner sections separately as required.**

Sample Number: S79PF-2-L35-4-UDD-1D-W

Mounting Information - Refer to installation instructions for detailed mounting information

**NOTE: Specify wall lengths in \_\_\_Ft \_\_\_In. Do not round up.**  
**Table below depicts resulting run lengths based only on nominal lengths**

Nominal Length (Feet)	Minimum Length (Lighted)	Maximum Length (Lighted)	Nominal Length (Feet)	Minimum Length (Lighted)	Maximum Length (Lighted)
3	3	4	52	52	53
4	4	5	53	53	54
5	5	6	54	54	55
6	6	7	55	55	56
7	7	8	56	56	57
8	8	9	57	57	58
9	9	10	58	58	59
10	10	11	59	59	60
11	11	12	60	60	61
12	12	13	61	61	62
13	13	14	62	62	63
14	14	15	63	63	64
15	15	16	64	64	65
16	16	17	65	65	66
17	17	18	66	66	67
18	18	19	67	67	68
19	19	20	68	68	69
20	20	21	69	69	70
21	21	22	70	70	71
22	22	23	71	71	72
23	23	24	72	72	73
24	24	25	73	73	74
25	25	26	74	74	75
26	26	27	75	75	76
27	27	28	76	76	77
28	28	29	77	77	78
29	29	30	78	78	79
30	30	31	79	79	80
31	31	32	80	80	81
32	32	33	81	81	82
33	33	34	82	82	83
34	34	35	83	83	84
35	35	36	84	84	85
36	36	37	85	85	86
37	37	38	86	86	87
38	38	39	87	87	88
39	39	40	88	88	89
40	40	41	89	89	90
41	41	42	90	90	91
42	42	43	91	91	92
43	43	44	92	92	93
44	44	45	93	93	94
45	45	46	94	94	95
46	46	47	95	95	96
47	47	48	96	96	97
48	48	49	97	97	98
49	49	50	98	98	99
50	50	51	99	99	100
51	51	52	100	100	101