

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: PrentaLux

Report Number: P1244983

Luminaire Tested: PRLX-MIN-S-935-12L-U-PS

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1244983
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2412-299-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PrentaLux
Catalog Number: PRLX-MIN-S-935-12L-U-PS
Description: 3D PRINTED PENDANT LED LUMINAIRE, SMALL LIGHT ENGINE, PINSTRIPE SHADE TEXTURE LIGHT LEVEL 5
Light Source: -
Ballast/Driver: -

Summary

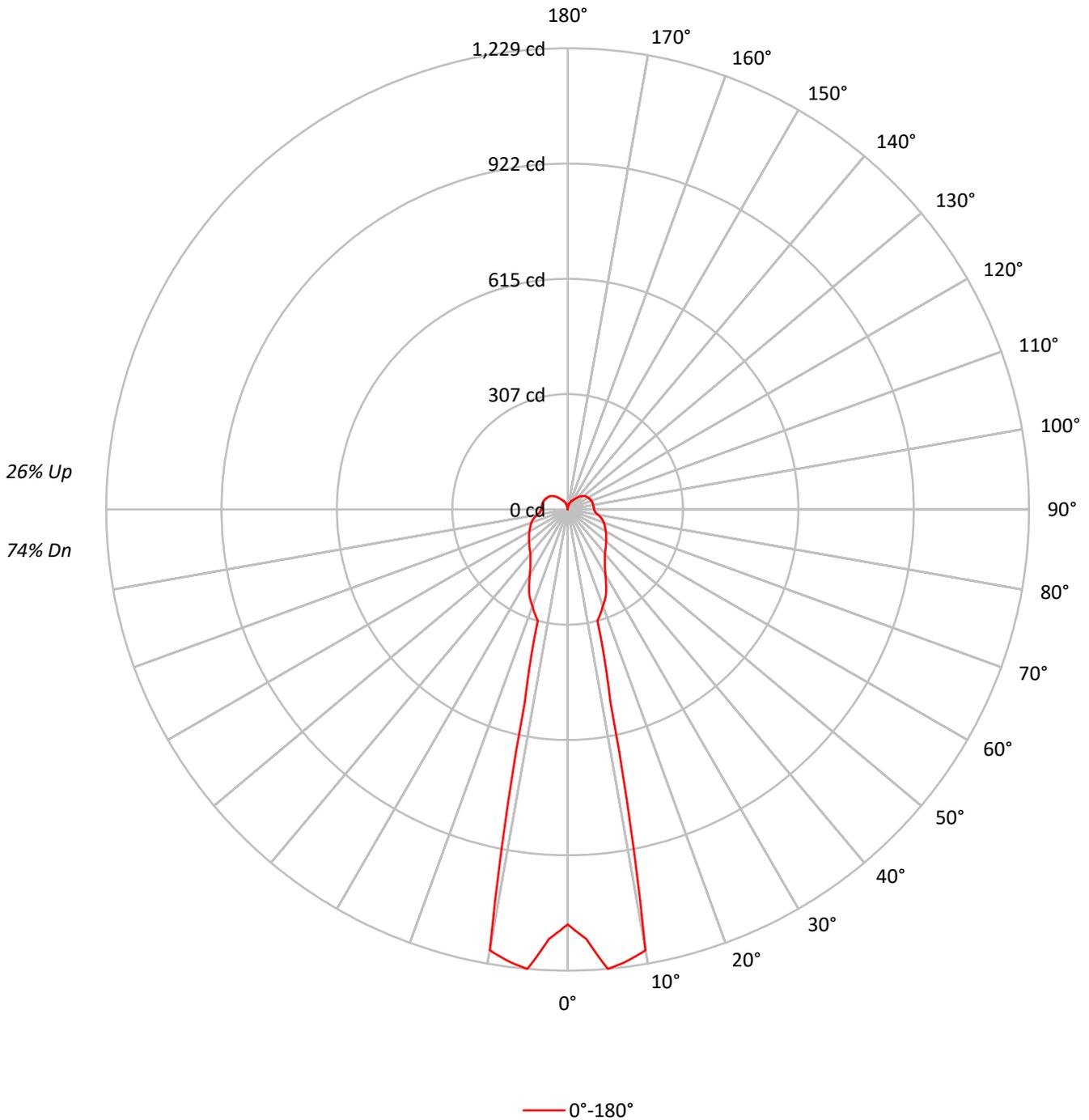
Lumens per Lamp: N/A
Luminaire Lumens: 1309.9 lumens
Efficiency: N/A
Efficacy: 45.3 lumens/watt
Spacing Criteria (0/90/45): 0.43 / 0.43 / 0.38
Luminous Opening: Rectangular w/ Sides (W: 0.62' x L: 0.62' x H: 0.87')
CIE Type: Semi-Direct

Input Watts (W): 28.9
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

TEST NUMBER: P1244983

CATALOG NUMBER: PRLX-MIN-S-935-12L-U-PS

Luminous Intensity Polar Plot





TEST NUMBER: P1244983

CATALOG NUMBER: PRLX-MIN-S-935-12L-U-PS

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	114.7	8.8
10°-20°	121.1	9.2
20°-30°	110.2	8.4
30°-40°	109.0	8.3
40°-50°	111.0	8.5
50°-60°	112.4	8.6
60°-70°	108.9	8.3
70°-80°	98.4	7.5
80°-90°	81.0	6.2
90°-100°	75.9	5.8
100°-110°	72.4	5.5
110°-120°	64.7	4.9
120°-130°	53.6	4.1
130°-140°	38.3	2.9
140°-150°	22.0	1.7
150°-160°	11.5	0.9
160°-170°	4.4	0.3
170°-180°	0.3	0.0
0°-30°	346.0	26.4
0°-40°	455.0	34.7
0°-60°	678.4	51.8
0°-90°	966.7	73.8
90°-120°	213.1	16.3
90°-150°	327.0	25.0
90°-180°	343.0	26.2
0°-180°	1309.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1106	
5°	1229	115
15°	307	121
25°	243	110
35°	173	109
45°	144	111
55°	125	112
65°	109	109
75°	93	98
85°	73	62
90°	70	39
95°	69	57
105°	68	72
115°	65	65
125°	60	54
135°	49	38
145°	34	22
155°	24	11
165°	15	4
175°	1	0
180°	0	

TEST NUMBER: P1244983

CATALOG NUMBER: PRLX-MIN-S-935-12L-U-PS

CANDELA DISTRIBUTION (FULL):

0°	
0°	1105.9
2.5°	1146.0
5°	1229.3
7.5°	1214.3
10°	1193.2
12.5°	527.9
15°	307.1
17.5°	291.0
20°	274.0
22.5°	259.9
25°	242.9
27.5°	220.8
30°	201.7
32.5°	184.6
35°	172.6
37.5°	162.6
40°	154.5
42.5°	148.5
45°	143.5
47.5°	138.5
50°	133.5
52.5°	129.5
55°	125.4
57.5°	121.4
60°	117.4
62.5°	113.4
65°	109.4
67.5°	106.4
70°	102.4
72.5°	98.3
75°	93.3
77.5°	88.3
80°	82.3
82.5°	76.3
85°	73.3
87.5°	71.3
90°	70.2
92.5°	70.2
95°	69.2
97.5°	69.2
100°	69.2
102.5°	69.2
105°	68.2
107.5°	68.2
110°	67.2

TEST NUMBER: P1244983

CATALOG NUMBER: PRLX-MIN-S-935-12L-U-PS

CANDELA DISTRIBUTION (continued):

	0°
112.5°	66.2
115°	65.2
117.5°	64.2
120°	63.2
122.5°	61.2
125°	60.2
127.5°	58.2
130°	55.2
132.5°	53.2
135°	49.2
137.5°	46.2
140°	42.1
142.5°	38.1
145°	34.1
147.5°	31.1
150°	29.1
152.5°	27.1
155°	24.1
157.5°	22.1
160°	20.1
162.5°	18.1
165°	15.1
167.5°	12.0
170°	8.0
172.5°	4.0
175°	1.0
177.5°	0.0
180°	0.0



TEST NUMBER: P1244983

CATALOG NUMBER: PRLX-MIN-S-935-12L-U-PS

CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room Dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	11.1	12.3	11.8	13.0	13.9	11.1	12.3	11.8	13.0	13.9
	3H	13.4	14.5	14.2	15.2	16.1	13.4	14.5	14.2	15.2	16.1
	4H	14.5	15.5	15.2	16.2	17.2	14.5	15.5	15.2	16.2	17.2
	6H	15.4	16.4	16.2	17.1	18.1	15.4	16.4	16.2	17.1	18.1
	8H	15.9	16.8	16.6	17.5	18.5	15.9	16.8	16.6	17.5	18.5
	12H	16.3	17.1	17.0	17.9	18.9	16.3	17.1	17.0	17.9	18.9
4H	2H	11.7	12.7	12.5	13.5	14.4	11.7	12.7	12.5	13.5	14.4
	3H	14.2	15.1	15.0	15.9	16.8	14.2	15.1	15.0	15.9	16.8
	4H	15.4	16.2	16.2	17.0	18.0	15.4	16.2	16.2	17.0	18.0
	6H	16.6	17.3	17.4	18.1	19.1	16.6	17.3	17.4	18.1	19.1
	8H	17.1	17.7	17.9	18.5	19.5	17.1	17.7	17.9	18.5	19.5
	12H	17.6	18.2	18.4	19.0	20.0	17.6	18.2	18.4	19.0	20.0
8H	4H	15.8	16.5	16.6	17.3	18.3	15.8	16.5	16.6	17.3	18.3
	6H	17.1	17.7	18.0	18.5	19.5	17.1	17.7	18.0	18.5	19.5
	8H	17.8	18.3	18.6	19.1	20.1	17.8	18.3	18.6	19.1	20.1
	12H	18.4	18.9	19.3	19.7	20.8	18.4	18.9	19.3	19.7	20.8
12H	4H	15.9	16.5	16.7	17.3	18.3	15.9	16.5	16.7	17.3	18.3
	6H	17.3	17.8	18.1	18.6	19.6	17.3	17.8	18.1	18.6	19.6
	8H	17.9	18.4	18.8	19.2	20.3	17.9	18.4	18.8	19.2	20.3

(END OF REPORT)