

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: P1245172

Luminaire Tested: PRLX-NIM-M-935-03L-U-NL

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1245172  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2412-299-15)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PrentaLux  
Catalog Number: PRLX-NIM-M-935-03L-U-NL  
Description: 3D PRINTED PENDANT LED LUMINAIRE, MEDIUM LIGHT ENGINE, NATURAL LINES SHADE TEXT LIGHT LEVEL 2  
Light Source: -  
Ballast/Driver: -

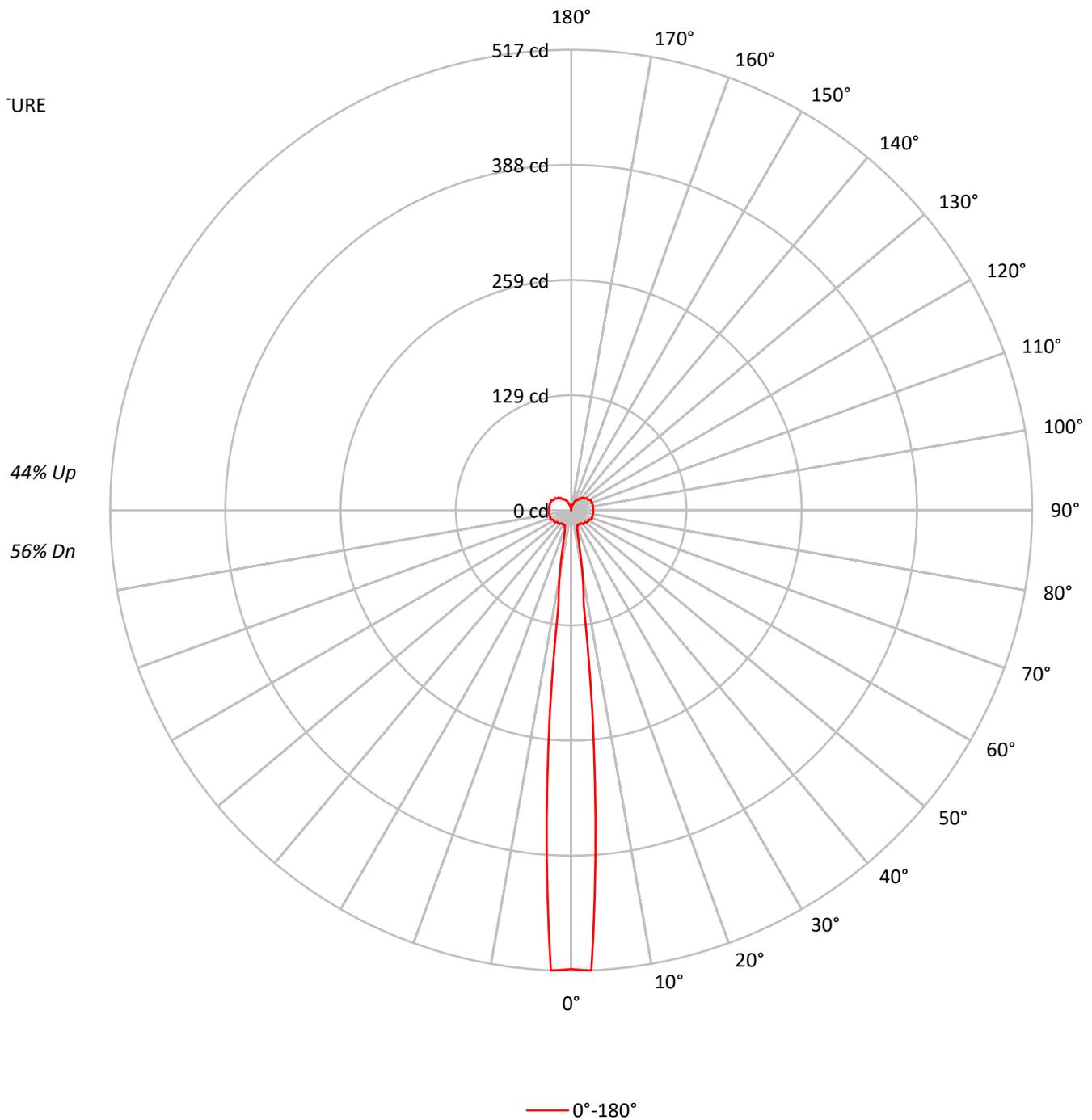
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 292.8 lumens  
Efficiency: N/A  
Efficacy: 26.4 lumens/watt  
Spacing Criteria (0/90/45): 0.2 / 0.2 / 0.18  
Luminous Opening: Rectangular w/ Sides (W: 0.46' x L: 0.46' x H: 1.92')  
CIE Type: General Diffuse

Input Watts (W): 11.1  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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

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### Luminous Intensity Polar Plot





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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				20				20				20				20			
RC	80				70				50				30				10	0		
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50	30	10	0
RCR																				
0	108	108	108	108	101	101	101	101	86	86	86		73	73	73		61	61	61	56
1	95	89	83	78	88	82	77	73	70	66	63		58	55	53		48	46	44	38
2	85	76	68	62	78	70	63	58	60	54	50		50	46	42		40	37	35	30
3	77	66	58	51	71	61	54	47	52	46	41		43	39	35		35	32	29	25
4	71	59	50	43	65	54	46	40	46	40	35		39	34	30		32	28	25	21
5	65	52	43	37	60	49	41	35	42	35	30		35	30	26		29	25	22	18
6	60	47	39	32	56	44	36	30	38	32	27		32	27	23		27	23	20	17
7	56	43	35	29	52	40	33	27	35	29	24		30	25	21		25	21	18	15
8	53	40	32	26	49	37	30	25	32	26	22		28	23	19		23	19	17	14
9	49	37	29	24	46	34	27	22	30	24	20		26	21	18		22	18	15	13
10	47	34	27	22	43	32	25	21	28	22	19		24	20	17		21	17	15	13

**AVERAGE LUMINANCE (cd/sqm):**

	0°
0°	26392
5°	11570
10°	2231
15°	736
20°	439
25°	347
30°	314
35°	288
40°	301
45°	284
50°	270
55°	290
60°	281
65°	302
70°	298
75°	296
80°	296
85°	299

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 90°  
 Luminance: 304 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	20.5	7.0
10°-20°	9.4	3.2
20°-30°	8.5	2.9
30°-40°	11.6	3.9
40°-50°	15.7	5.4
50°-60°	20.0	6.8
60°-70°	23.8	8.1
70°-80°	26.2	9.0
80°-90°	27.1	9.2
90°-100°	27.1	9.2
100°-110°	26.2	9.0
110°-120°	24.4	8.3
120°-130°	20.0	6.8
130°-140°	15.1	5.2
140°-150°	9.6	3.3
150°-160°	5.6	1.9
160°-170°	1.8	0.6
170°-180°	0.2	0.1
0°-30°	38.4	13.1
0°-40°	49.9	17.0
0°-60°	85.7	29.3
0°-90°	162.8	55.6
90°-120°	77.6	26.5
90°-150°	122.4	41.8
90°-180°	130.0	44.4
0°-180°	292.8	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	515	
5°	307	20
15°	29	9
25°	18	8
35°	18	12
45°	20	16
55°	23	20
65°	25	24
75°	25	26
85°	25	20
90°	25	14
95°	25	20
105°	25	26
115°	25	24
125°	23	20
135°	20	15
145°	16	10
155°	11	6
165°	7	2
175°	0	0
180°	0	

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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	515.0
2.5°	517.2
5°	307.2
7.5°	108.4
10°	74.5
12.5°	42.9
15°	29.4
17.5°	22.6
20°	20.3
22.5°	18.1
25°	18.1
27.5°	18.1
30°	18.1
32.5°	18.1
35°	18.1
37.5°	18.1
40°	20.3
42.5°	20.3
45°	20.3
47.5°	20.3
50°	20.3
52.5°	22.6
55°	22.6
57.5°	22.6
60°	22.6
62.5°	22.6
65°	24.8
67.5°	24.8
70°	24.8
72.5°	24.8
75°	24.8
77.5°	24.8
80°	24.8
82.5°	24.8
85°	24.8
87.5°	24.8
90°	24.8
92.5°	24.8
95°	24.8
97.5°	24.8
100°	24.8
102.5°	24.8
105°	24.8
107.5°	24.8
110°	24.8

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**CANDELA DISTRIBUTION (continued):**

	0°
112.5°	24.8
115°	24.8
117.5°	24.8
120°	22.6
122.5°	22.6
125°	22.6
127.5°	22.6
130°	20.3
132.5°	20.3
135°	20.3
137.5°	18.1
140°	18.1
142.5°	15.8
145°	15.8
147.5°	13.6
150°	13.6
152.5°	13.6
155°	11.3
157.5°	11.3
160°	9.0
162.5°	6.8
165°	6.8
167.5°	4.5
170°	4.5
172.5°	2.3
175°	0.0
177.5°	0.0
180°	0.0



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**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	3.1	4.1	4.0	5.0	6.2	3.1	4.1	4.0	5.0	6.2
	3H	6.2	7.2	7.1	8.1	9.3	6.2	7.2	7.1	8.1	9.3
	4H	7.6	8.5	8.5	9.5	10.7	7.6	8.5	8.5	9.5	10.7
	6H	9.0	9.9	10.0	10.8	12.1	9.0	9.9	10.0	10.8	12.1
	8H	9.7	10.5	10.6	11.5	12.7	9.7	10.5	10.6	11.5	12.7
	12H	10.3	11.1	11.3	12.1	13.3	10.3	11.1	11.3	12.1	13.3
4H	2H	3.9	4.8	4.8	5.8	7.0	3.9	4.8	4.8	5.8	7.0
	3H	7.2	8.0	8.1	8.9	10.2	7.2	8.0	8.1	8.9	10.2
	4H	8.7	9.5	9.7	10.4	11.7	8.7	9.5	9.7	10.4	11.7
	6H	10.3	11.0	11.2	11.9	13.2	10.3	11.0	11.2	11.9	13.2
	8H	11.1	11.7	12.0	12.6	13.9	11.1	11.7	12.0	12.6	13.9
	12H	11.8	12.4	12.8	13.4	14.6	11.8	12.4	12.8	13.4	14.6
8H	4H	9.3	9.9	10.2	10.8	12.1	9.3	9.9	10.2	10.8	12.1
	6H	11.0	11.5	12.0	12.6	13.8	11.0	11.5	12.0	12.6	13.8
	8H	11.9	12.4	12.9	13.4	14.7	11.9	12.4	12.9	13.4	14.7
	12H	12.8	13.3	13.8	14.3	15.6	12.8	13.3	13.8	14.3	15.6
12H	4H	9.4	9.9	10.3	10.9	12.2	9.4	9.9	10.3	10.9	12.2
	6H	11.2	11.7	12.2	12.7	14.0	11.2	11.7	12.2	12.7	14.0
	8H	12.2	12.6	13.1	13.6	14.9	12.2	12.6	13.1	13.6	14.9

(END OF REPORT)