

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: P1244918

Luminaire Tested: PRLX-MIN-M-935-06L-U-NL

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1244918  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2412-299-23)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PrentaLux  
Catalog Number: PRLX-MIN-M-935-06L-U-NL  
Description: 3D PRINTED PENDANT LED LUMINAIRE, MEDIUM LIGHT ENGINE, NATURAL LINES SHADE TEXT LIGHT LEVEL 4  
Light Source: -  
Ballast/Driver: -

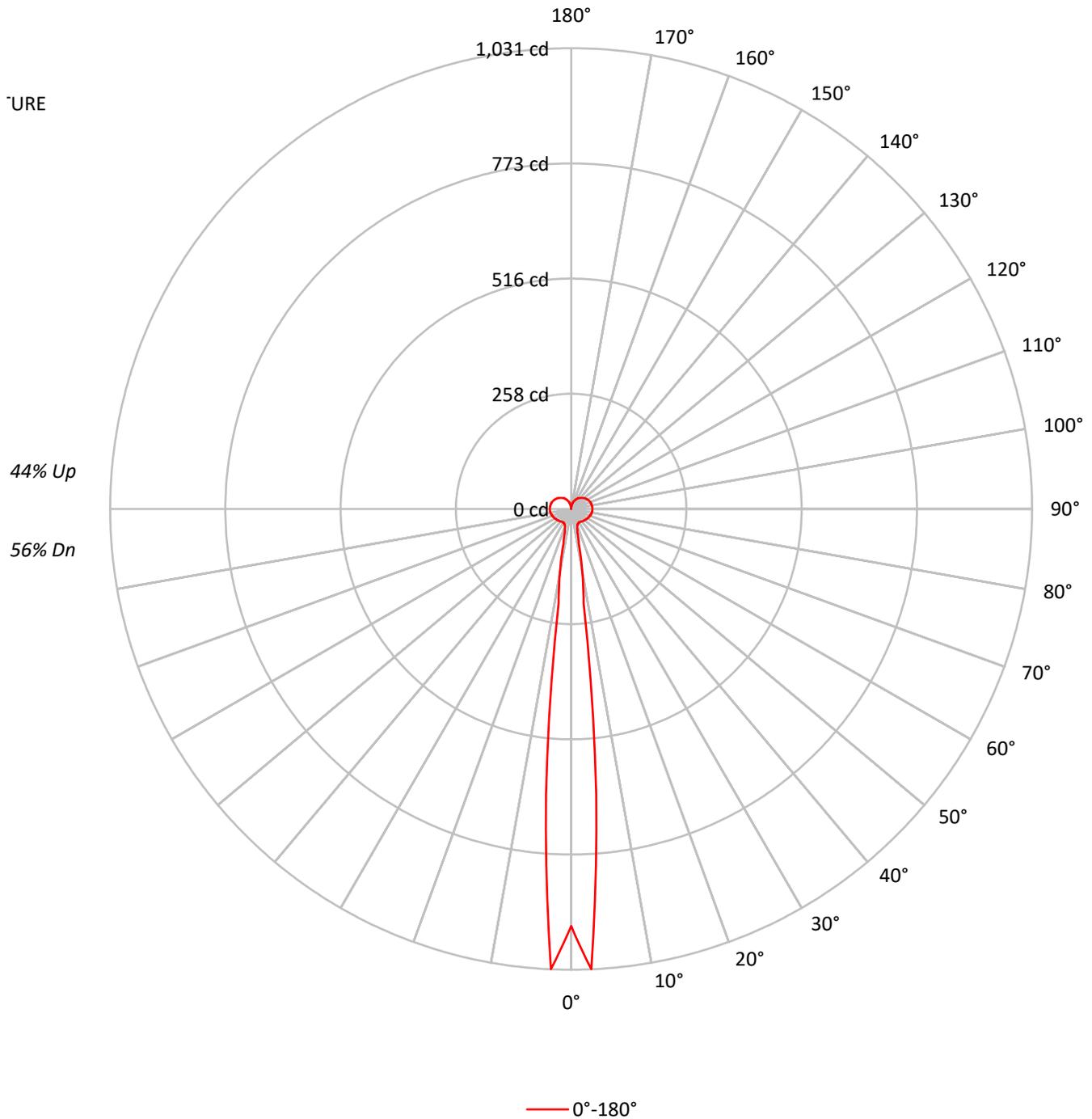
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 548.9 lumens  
Efficiency: N/A  
Efficacy: 25.8 lumens/watt  
Spacing Criteria (0/90/45): 0.21 / 0.21 / 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): 21.3  
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	109	109	109	109	101	101	101	101	87	87	87		74	74	74		62	62	62	56
1	95	89	84	79	88	82	78	73	70	66	63		59	56	53		48	46	44	39
2	86	76	69	62	79	71	64	58	60	55	50		50	46	42		41	38	35	31
3	78	67	58	51	71	62	54	48	52	46	41		44	39	35		36	32	29	25
4	71	59	50	43	65	55	47	41	47	40	35		39	34	30		32	28	25	22
5	66	53	44	37	60	49	41	35	42	36	31		36	31	27		29	26	22	19
6	61	48	39	33	56	45	37	31	38	32	27		33	28	24		27	23	20	17
7	57	44	35	29	52	41	33	28	35	29	25		30	25	22		25	21	19	16
8	53	40	32	27	49	38	30	25	33	27	22		28	23	20		24	20	17	15
9	50	37	29	24	46	35	28	23	31	25	21		26	22	18		23	19	16	14
10	47	35	27	22	44	33	26	21	29	23	19		25	20	17		21	18	15	13

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

	0°
0°	47814
5°	24168
10°	4331
15°	1379
20°	863
25°	700
30°	608
35°	559
40°	542
45°	530
50°	522
55°	520
60°	522
65°	528
70°	537
75°	550
80°	559
85°	572

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 90°  
 Luminance: 582 cd/sqm

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	41.1	7.5
10°-20°	18.0	3.3
20°-30°	16.9	3.1
30°-40°	22.3	4.1
40°-50°	29.4	5.4
50°-60°	36.4	6.6
60°-70°	43.1	7.9
70°-80°	48.7	8.9
80°-90°	51.7	9.4
90°-100°	51.7	9.4
100°-110°	49.0	8.9
110°-120°	43.7	8.0
120°-130°	36.0	6.6
130°-140°	27.3	5.0
140°-150°	18.6	3.4
150°-160°	10.5	1.9
160°-170°	4.2	0.8
170°-180°	0.4	0.1
0°-30°	76.0	13.8
0°-40°	98.3	17.9
0°-60°	164.1	29.9
0°-90°	307.6	56.0
90°-120°	144.4	26.3
90°-150°	226.3	41.2
90°-180°	241.0	43.9
0°-180°	548.9	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	933	
5°	642	41
15°	55	18
25°	36	17
35°	35	22
45°	38	29
55°	41	36
65°	43	43
75°	46	49
85°	48	39
90°	48	26
95°	48	39
105°	46	49
115°	44	44
125°	40	36
135°	35	27
145°	30	19
155°	23	11
165°	14	4
175°	1	0
180°	0	

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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	933.0
2.5°	1030.8
5°	641.7
7.5°	212.8
10°	144.6
12.5°	79.2
15°	55.1
17.5°	45.4
20°	39.9
22.5°	37.9
25°	36.5
27.5°	35.1
30°	35.1
32.5°	35.1
35°	35.1
37.5°	35.8
40°	36.5
42.5°	37.2
45°	37.9
47.5°	38.6
50°	39.2
52.5°	39.9
55°	40.6
57.5°	41.3
60°	42.0
62.5°	42.7
65°	43.4
67.5°	44.1
70°	44.8
72.5°	45.4
75°	46.1
77.5°	46.8
80°	46.8
82.5°	47.5
85°	47.5
87.5°	47.5
90°	47.5
92.5°	47.5
95°	47.5
97.5°	47.5
100°	46.8
102.5°	46.8
105°	46.1
107.5°	46.1
110°	45.4

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**CANDELA DISTRIBUTION (continued):**

	0°
112.5°	44.8
115°	44.1
117.5°	43.4
120°	42.0
122.5°	41.3
125°	39.9
127.5°	39.2
130°	37.9
132.5°	36.5
135°	35.1
137.5°	33.7
140°	32.4
142.5°	31.0
145°	29.6
147.5°	28.2
150°	26.2
152.5°	24.1
155°	22.7
157.5°	20.7
160°	18.6
162.5°	17.2
165°	14.5
167.5°	11.7
170°	8.3
172.5°	4.8
175°	1.4
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	5.1	6.1	6.0	7.1	8.2	5.1	6.1	6.0	7.1	8.2
	3H	8.2	9.1	9.0	10.0	11.2	8.2	9.1	9.0	10.0	11.2
	4H	9.6	10.5	10.5	11.5	12.7	9.6	10.5	10.5	11.5	12.7
	6H	11.1	12.0	12.0	12.9	14.1	11.1	12.0	12.0	12.9	14.1
	8H	11.8	12.6	12.8	13.6	14.8	11.8	12.6	12.8	13.6	14.8
	12H	12.5	13.3	13.4	14.2	15.5	12.5	13.3	13.4	14.2	15.5
4H	2H	5.9	6.8	6.8	7.7	8.9	5.9	6.8	6.8	7.7	8.9
	3H	9.1	9.9	10.0	10.9	12.1	9.1	9.9	10.0	10.9	12.1
	4H	10.8	11.5	11.7	12.4	13.7	10.8	11.5	11.7	12.4	13.7
	6H	12.4	13.1	13.3	14.0	15.3	12.4	13.1	13.3	14.0	15.3
	8H	13.2	13.8	14.1	14.8	16.0	13.2	13.8	14.1	14.8	16.0
	12H	14.0	14.6	15.0	15.5	16.8	14.0	14.6	15.0	15.5	16.8
8H	4H	11.3	11.9	12.2	12.9	14.1	11.3	11.9	12.2	12.9	14.1
	6H	13.1	13.7	14.1	14.7	15.9	13.1	13.7	14.1	14.7	15.9
	8H	14.1	14.6	15.1	15.6	16.8	14.1	14.6	15.1	15.6	16.8
	12H	15.0	15.5	16.0	16.5	17.8	15.0	15.5	16.0	16.5	17.8
12H	4H	11.4	12.0	12.4	13.0	14.2	11.4	12.0	12.4	13.0	14.2
	6H	13.3	13.8	14.3	14.8	16.1	13.3	13.8	14.3	14.8	16.1
	8H	14.4	14.8	15.3	15.8	17.1	14.4	14.8	15.3	15.8	17.1

(END OF REPORT)