

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: P1244809

Luminaire Tested: PRLX-MIN-L-930-02L-U-PS

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1244809  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2412-299-9)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PrentaLux  
Catalog Number: PRLX-MIN-L-930-02L-U-PS  
Description: 3D PRINTED PENDANT LED LUMINAIRE, LARGE LIGHT ENGINE, PINSTRIPE SHADE TEXTURE LIGHT LEVEL 1  
Light Source: -  
Ballast/Driver: -

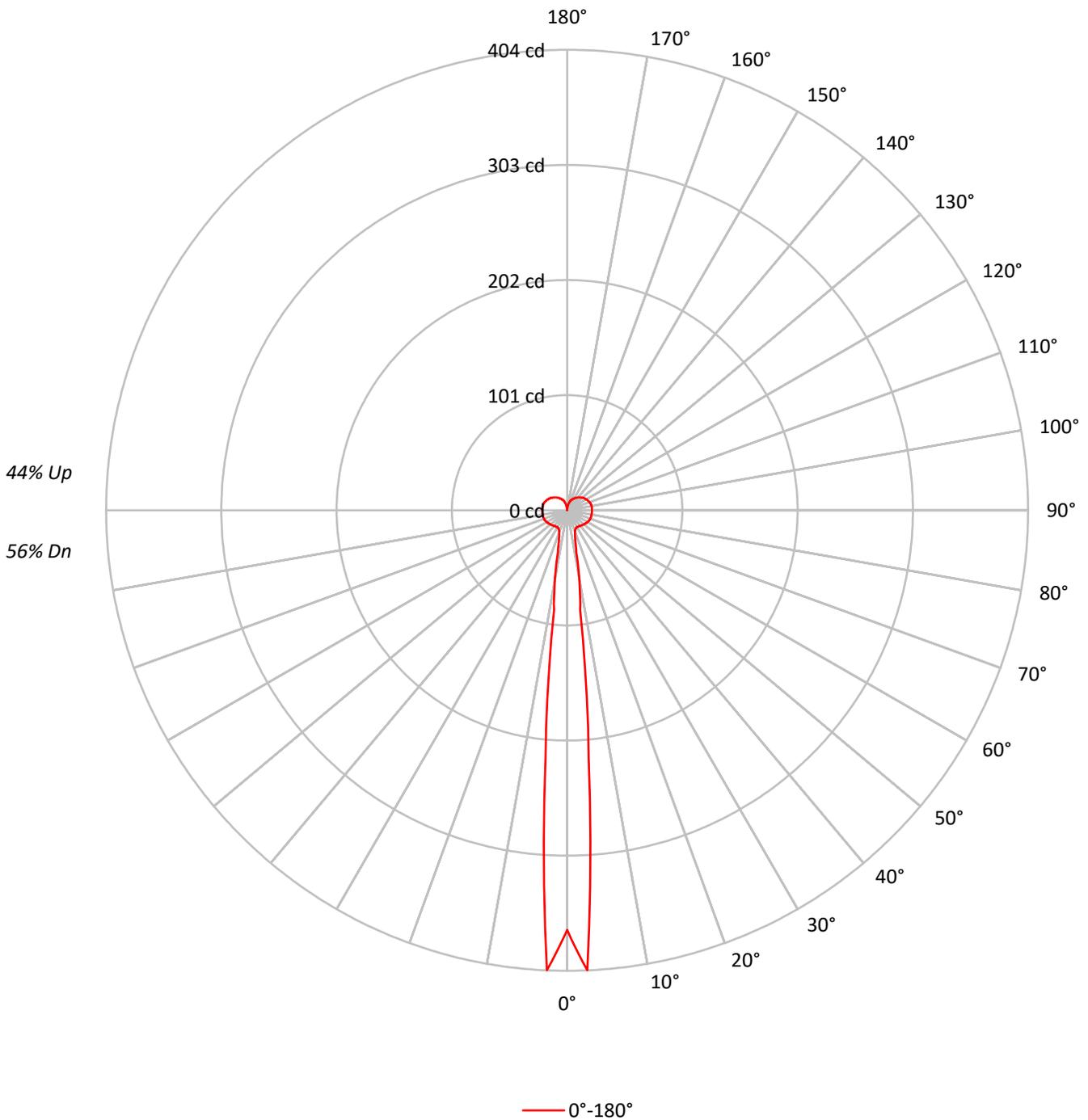
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 254.0 lumens  
Efficiency: N/A  
Efficacy: 45.4 lumens/watt  
Spacing Criteria (0/90/45): 0.2 / 0.2 / 0.18  
Luminous Opening: Rectangular w/ Sides (W: 0.58' x L: 0.58' x H: 1.92')  
CIE Type: General Diffuse  
  
Input Watts (W): 5.6  
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	83	78	88	82	77	73	70	66	63		59	56	53		48	46	44	39
2	85	76	68	62	79	70	63	58	60	54	50		50	46	42		41	38	35	30
3	77	66	57	50	71	61	53	47	52	46	41		43	39	35		36	32	29	25
4	71	58	49	42	65	54	46	40	46	40	35		39	34	30		32	28	25	21
5	65	52	43	36	60	48	40	34	41	35	30		35	30	26		29	25	22	18
6	60	47	38	32	55	44	36	30	38	31	26		32	27	23		27	22	19	16
7	56	43	34	28	52	40	32	27	35	28	24		29	24	21		25	21	18	15
8	52	39	31	25	48	37	29	24	32	26	21		27	22	19		23	19	16	14
9	49	36	28	23	45	34	27	22	30	24	20		26	21	17		22	18	15	13
10	46	34	26	21	43	32	25	20	28	22	18		24	19	16		21	17	14	12

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

	0°
0°	11649
5°	5340
10°	1245
15°	475
20°	307
25°	244
30°	217
35°	202
40°	197
45°	193
50°	191
55°	193
60°	194
65°	197
70°	199
75°	201
80°	201
85°	205

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 90°  
 Luminance: 210 cd/sqm

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	15.5	6.1
10°-20°	8.5	3.4
20°-30°	8.3	3.3
30°-40°	10.9	4.3
40°-50°	14.3	5.6
50°-60°	17.8	7.0
60°-70°	21.0	8.3
70°-80°	23.0	9.0
80°-90°	23.7	9.3
90°-100°	23.8	9.4
100°-110°	22.6	8.9
110°-120°	20.0	7.9
120°-130°	16.5	6.5
130°-140°	12.4	4.9
140°-150°	8.4	3.3
150°-160°	4.9	1.9
160°-170°	2.0	0.8
170°-180°	0.2	0.1
0°-30°	32.4	12.8
0°-40°	43.3	17.1
0°-60°	75.5	29.7
0°-90°	143.2	56.4
90°-120°	66.4	26.1
90°-150°	103.7	40.8
90°-180°	111.0	43.7
0°-180°	254.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	368	
5°	216	16
15°	27	9
25°	18	8
35°	17	11
45°	18	14
55°	20	18
65°	21	21
75°	22	23
85°	22	18
90°	22	12
95°	22	18
105°	21	23
115°	20	20
125°	18	16
135°	16	12
145°	13	8
155°	11	5
165°	7	2
175°	1	0
180°	0	

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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	368.2
2.5°	403.9
5°	216.5
7.5°	88.1
10°	61.2
12.5°	37.5
15°	27.3
17.5°	22.7
20°	20.0
22.5°	18.6
25°	17.7
27.5°	17.3
30°	17.2
32.5°	17.2
35°	17.3
37.5°	17.5
40°	17.9
42.5°	18.1
45°	18.5
47.5°	18.9
50°	19.1
52.5°	19.5
55°	19.9
57.5°	20.3
60°	20.5
62.5°	20.9
65°	21.2
67.5°	21.4
70°	21.6
72.5°	21.7
75°	21.8
77.5°	21.7
80°	21.7
82.5°	21.7
85°	21.8
87.5°	21.8
90°	21.8
92.5°	21.8
95°	21.8
97.5°	21.8
100°	21.7
102.5°	21.6
105°	21.4
107.5°	21.2
110°	20.9



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**CANDELA DISTRIBUTION (continued):**

	0°
112.5°	20.5
115°	20.1
117.5°	19.8
120°	19.3
122.5°	18.9
125°	18.4
127.5°	17.9
130°	17.2
132.5°	16.7
135°	16.1
137.5°	15.3
140°	14.7
142.5°	14.0
145°	13.3
147.5°	12.6
150°	12.0
152.5°	11.2
155°	10.6
157.5°	9.8
160°	9.1
162.5°	8.2
165°	7.1
167.5°	5.7
170°	4.0
172.5°	2.4
175°	1.0
177.5°	0.3
180°	0.1



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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	1.9	2.9	2.8	3.9	5.0	1.9	2.9	2.8	3.9	5.0
	3H	4.9	5.9	5.8	6.8	8.0	4.9	5.9	5.8	6.8	8.0
	4H	6.3	7.3	7.2	8.2	9.4	6.3	7.3	7.2	8.2	9.4
	6H	7.7	8.6	8.7	9.5	10.7	7.7	8.6	8.7	9.5	10.7
	8H	8.4	9.2	9.3	10.2	11.4	8.4	9.2	9.3	10.2	11.4
	12H	9.1	9.8	10.0	10.8	12.0	9.1	9.8	10.0	10.8	12.0
4H	2H	2.7	3.6	3.6	4.5	5.7	2.7	3.6	3.6	4.5	5.7
	3H	5.9	6.7	6.8	7.6	8.8	5.9	6.7	6.8	7.6	8.8
	4H	7.4	8.2	8.4	9.1	10.4	7.4	8.2	8.4	9.1	10.4
	6H	9.0	9.7	9.9	10.6	11.9	9.0	9.7	9.9	10.6	11.9
	8H	9.8	10.4	10.7	11.4	12.6	9.8	10.4	10.7	11.4	12.6
	12H	10.5	11.1	11.5	12.1	13.3	10.5	11.1	11.5	12.1	13.3
8H	4H	8.0	8.6	8.9	9.5	10.8	8.0	8.6	8.9	9.5	10.8
	6H	9.7	10.2	10.7	11.3	12.5	9.7	10.2	10.7	11.3	12.5
	8H	10.6	11.1	11.6	12.1	13.4	10.6	11.1	11.6	12.1	13.4
	12H	11.6	12.0	12.5	13.0	14.3	11.6	12.0	12.5	13.0	14.3
12H	4H	8.1	8.6	9.0	9.6	10.9	8.1	8.6	9.0	9.6	10.9
	6H	9.9	10.4	10.9	11.4	12.7	9.9	10.4	10.9	11.4	12.7
	8H	10.9	11.3	11.9	12.3	13.6	10.9	11.3	11.9	12.3	13.6

(END OF REPORT)