

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: P1245408

Luminaire Tested: PRLX-UNA-M-930-06L-U-OW

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1245408  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2412-299-24)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PrentaLux  
Catalog Number: PRLX-UNA-M-930-06L-U-OW  
Description: 3D PRINTED PENDANT LED LUMINAIRE, MEDIUM LIGHT ENGINE, OPEN WEAVE SHADE TEXTU  
LIGHT LEVEL 4  
Light Source: -  
Ballast/Driver: -

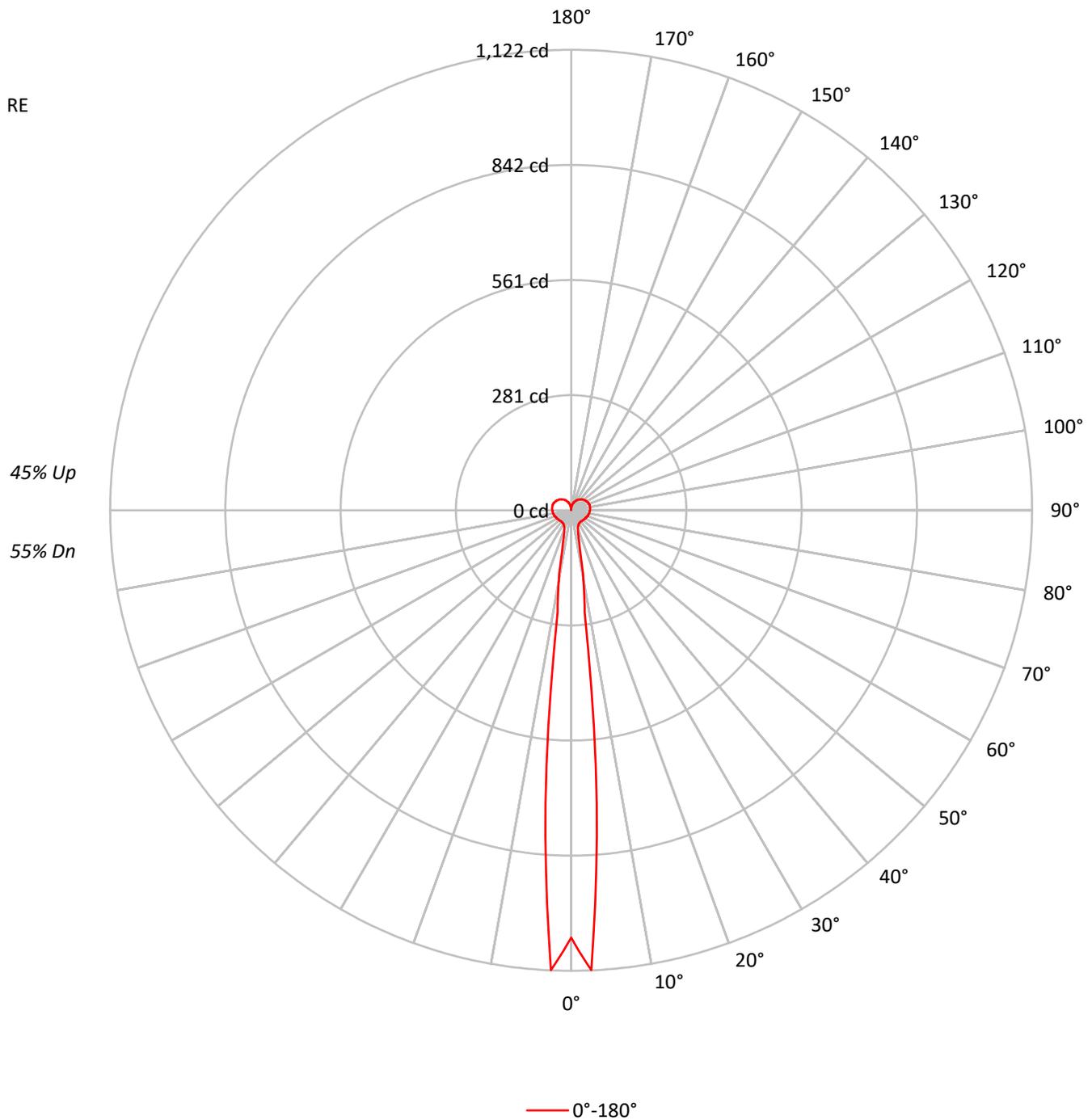
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 557.9 lumens  
Efficiency: N/A  
Efficacy: 26.2 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 (Ain): 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	55
1	95	90	84	79	88	83	78	74	70	67	64		59	56	54		48	46	45	39
2	86	77	70	63	79	71	65	59	61	56	51		51	47	43		42	39	36	31
3	78	68	59	53	72	63	55	49	53	48	43		45	40	36		37	33	30	26
4	72	60	51	45	66	56	48	42	48	42	37		40	35	32		33	30	27	23
5	67	54	45	39	61	50	43	37	43	37	32		37	32	28		30	27	24	21
6	62	49	41	34	57	46	38	33	40	33	29		34	29	25		28	25	22	19
7	58	45	37	31	53	42	35	29	37	31	26		31	27	23		27	23	20	17
8	54	41	34	28	50	39	32	27	34	28	24		29	25	21		25	21	19	16
9	51	38	31	26	47	36	29	25	32	26	22		28	23	20		24	20	17	15
10	48	36	29	24	45	34	27	23	30	24	21		26	22	19		23	19	17	15

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

	0°
0°	53343
5°	26996
10°	5185
15°	1739
20°	1040
25°	793
30°	653
35°	589
40°	537
45°	517
50°	502
55°	493
60°	496
65°	495
70°	506
75°	520
80°	530
85°	543

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 90°  
 Luminance: 562 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	46.2	8.3
10°-20°	22.2	4.0
20°-30°	19.2	3.4
30°-40°	23.1	4.1
40°-50°	28.5	5.1
50°-60°	34.6	6.2
60°-70°	40.5	7.3
70°-80°	45.9	8.2
80°-90°	49.2	8.8
90°-100°	50.6	9.1
100°-110°	49.2	8.8
110°-120°	44.7	8.0
120°-130°	37.6	6.7
130°-140°	29.0	5.2
140°-150°	20.1	3.6
150°-160°	11.7	2.1
160°-170°	5.0	0.9
170°-180°	0.7	0.1
0°-30°	87.6	15.7
0°-40°	110.7	19.8
0°-60°	173.8	31.2
0°-90°	309.4	55.5
90°-120°	144.5	25.9
90°-150°	231.2	41.4
90°-180°	249.0	44.6
0°-180°	557.9	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1041	
5°	717	46
15°	70	22
25°	41	19
35°	37	23
45°	37	29
55°	38	35
65°	41	40
75°	44	46
85°	45	37
90°	46	25
95°	47	38
105°	47	49
115°	45	45
125°	42	38
135°	38	29
145°	32	20
155°	25	12
165°	17	5
175°	5	1
180°	1	

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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1040.9
2.5°	1121.5
5°	716.8
7.5°	250.0
10°	173.1
12.5°	99.1
15°	69.5
17.5°	56.2
20°	48.1
22.5°	43.6
25°	41.4
27.5°	39.2
30°	37.7
32.5°	37.0
35°	37.0
37.5°	36.2
40°	36.2
42.5°	36.2
45°	37.0
47.5°	37.0
50°	37.7
52.5°	37.7
55°	38.5
57.5°	39.2
60°	39.9
62.5°	39.9
65°	40.7
67.5°	41.4
70°	42.2
72.5°	42.9
75°	43.6
77.5°	43.6
80°	44.4
82.5°	45.1
85°	45.1
87.5°	45.1
90°	45.9
92.5°	45.9
95°	46.6
97.5°	46.6
100°	46.6
102.5°	46.6
105°	46.6
107.5°	46.6
110°	45.9

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**CANDELA DISTRIBUTION (continued):**

	0°
112.5°	45.9
115°	45.1
117.5°	44.4
120°	43.6
122.5°	42.9
125°	42.2
127.5°	40.7
130°	39.9
132.5°	38.5
135°	37.7
137.5°	36.2
140°	34.8
142.5°	33.3
145°	31.8
147.5°	30.3
150°	28.9
152.5°	26.6
155°	25.2
157.5°	22.9
160°	21.5
162.5°	19.2
165°	17.0
167.5°	14.8
170°	12.6
172.5°	8.9
175°	5.2
177.5°	2.2
180°	0.7



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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	4.7	5.7	5.6	6.6	7.8	4.7	5.7	5.6	6.6	7.8
	3H	7.7	8.6	8.6	9.6	10.8	7.7	8.6	8.6	9.6	10.8
	4H	9.2	10.1	10.1	11.0	12.2	9.2	10.1	10.1	11.0	12.2
	6H	10.7	11.5	11.6	12.4	13.7	10.7	11.5	11.6	12.4	13.7
	8H	11.4	12.2	12.3	13.1	14.4	11.4	12.2	12.3	13.1	14.4
	12H	12.1	12.8	13.0	13.8	15.0	12.1	12.8	13.0	13.8	15.0
4H	2H	5.5	6.3	6.4	7.3	8.5	5.5	6.3	6.4	7.3	8.5
	3H	8.7	9.4	9.6	10.4	11.6	8.7	9.4	9.6	10.4	11.6
	4H	10.3	11.0	11.2	12.0	13.2	10.3	11.0	11.2	12.0	13.2
	6H	11.9	12.6	12.9	13.5	14.8	11.9	12.6	12.9	13.5	14.8
	8H	12.7	13.3	13.7	14.3	15.6	12.7	13.3	13.7	14.3	15.6
	12H	13.5	14.1	14.5	15.1	16.4	13.5	14.1	14.5	15.1	16.4
8H	4H	10.8	11.4	11.8	12.4	13.7	10.8	11.4	11.8	12.4	13.7
	6H	12.7	13.2	13.6	14.2	15.5	12.7	13.2	13.6	14.2	15.5
	8H	13.6	14.1	14.6	15.1	16.4	13.6	14.1	14.6	15.1	16.4
	12H	14.6	15.0	15.6	16.0	17.3	14.6	15.0	15.6	16.0	17.3
12H	4H	10.9	11.5	11.9	12.5	13.8	10.9	11.5	11.9	12.5	13.8
	6H	12.9	13.3	13.8	14.3	15.6	12.9	13.3	13.8	14.3	15.6
	8H	13.9	14.3	14.9	15.3	16.6	13.9	14.3	14.9	15.3	16.6

(END OF REPORT)