

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: P1245046

Luminaire Tested: PRLX-NIM-L-930-12L-U-WO

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1245046  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2412-299-1)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PrentaLux  
Catalog Number: PRLX-NIM-L-930-12L-U-WO  
Description: 3D PRINTED PENDANT LED LUMINAIRE, LARGE LIGHT ENGINE, WOVEN OVAL SHADE TEXTURE LIGHT LEVEL 4  
Light Source: -  
Ballast/Driver: -

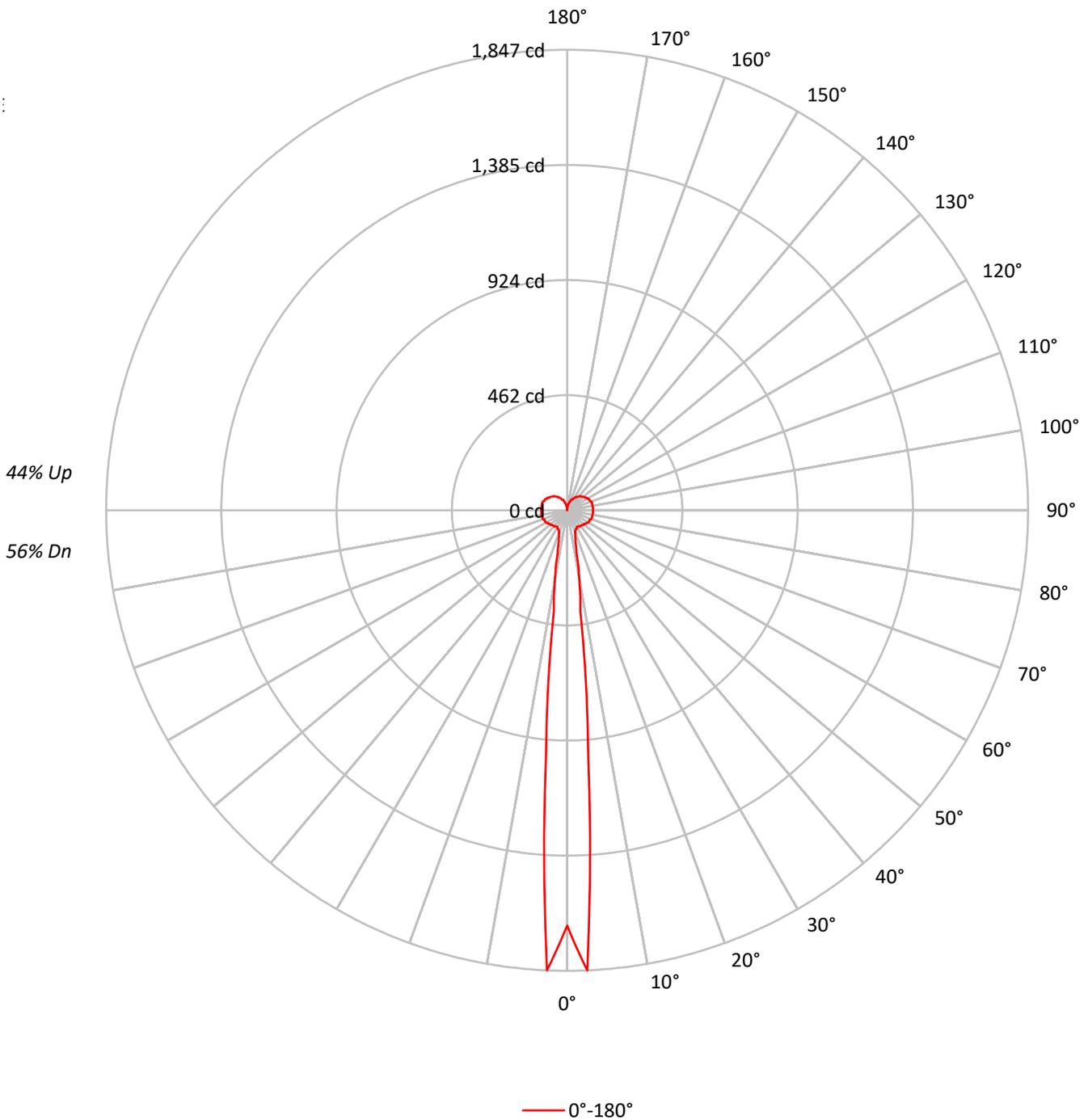
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1204.2 lumens  
Efficiency: N/A  
Efficacy: 39.5 lumens/watt  
Spacing Criteria (0/90/45): 0.19 / 0.19 / 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): 30.5  
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		
RC	80					70						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		87	82	77	73		70	66	62		58	55	53		48	45	43	38
2	85	76	68	61		78	70	63	57		59	54	49		49	45	42		40	37	34	30
3	77	66	57	50		71	61	53	47		52	45	40		43	38	34		35	31	28	24
4	71	58	49	42		65	54	46	40		46	39	34		38	33	29		31	27	24	20
5	65	52	43	36		60	48	40	34		41	35	30		34	29	25		28	24	21	18
6	60	47	38	32		55	44	36	30		37	31	26		31	26	22		26	22	19	16
7	56	43	34	28		51	40	32	27		34	28	23		29	24	20		24	20	17	15
8	52	39	31	25		48	36	29	24		32	25	21		27	22	18		23	19	16	13
9	49	36	28	23		45	34	27	22		29	23	19		25	20	17		21	17	15	12
10	46	33	26	21		43	31	25	20		27	22	18		24	19	16		20	16	14	12

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

	0°
0°	52703
5°	23864
10°	5683
15°	2252
20°	1427
25°	1141
30°	978
35°	908
40°	910
45°	864
50°	881
55°	902
60°	930
65°	914
70°	955
75°	954
80°	960
85°	974

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 90°  
 Luminance: 996 cd/sqm

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	70.6	5.9
10°-20°	40.1	3.3
20°-30°	39.0	3.2
30°-40°	50.1	4.2
40°-50°	65.7	5.5
50°-60°	82.5	6.8
60°-70°	98.2	8.2
70°-80°	109.5	9.1
80°-90°	112.9	9.4
90°-100°	112.9	9.4
100°-110°	109.5	9.1
110°-120°	97.6	8.1
120°-130°	80.2	6.7
130°-140°	61.2	5.1
140°-150°	41.2	3.4
150°-160°	22.6	1.9
160°-170°	9.1	0.8
170°-180°	1.1	0.1
0°-30°	149.8	12.4
0°-40°	199.8	16.6
0°-60°	348.0	28.9
0°-90°	668.7	55.5
90°-120°	320.0	26.6
90°-150°	502.6	41.7
90°-180°	535.0	44.4
0°-180°	1204.2	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1666	
5°	968	71
15°	129	40
25°	83	39
35°	78	50
45°	83	66
55°	93	82
65°	98	98
75°	104	109
85°	104	85
90°	104	57
95°	104	85
105°	104	109
115°	98	98
125°	88	80
135°	78	61
145°	67	41
155°	47	23
165°	31	9
175°	5	1
180°	0	

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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1665.9
2.5°	1847.0
5°	967.5
7.5°	408.7
10°	279.4
12.5°	175.9
15°	129.3
17.5°	108.6
20°	93.1
22.5°	88.0
25°	82.8
27.5°	82.8
30°	77.6
32.5°	77.6
35°	77.6
37.5°	82.8
40°	82.8
42.5°	82.8
45°	82.8
47.5°	88.0
50°	88.0
52.5°	88.0
55°	93.1
57.5°	93.1
60°	98.3
62.5°	98.3
65°	98.3
67.5°	98.3
70°	103.5
72.5°	103.5
75°	103.5
77.5°	103.5
80°	103.5
82.5°	103.5
85°	103.5
87.5°	103.5
90°	103.5
92.5°	103.5
95°	103.5
97.5°	103.5
100°	103.5
102.5°	103.5
105°	103.5
107.5°	103.5
110°	103.5

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**CANDELA DISTRIBUTION (continued):**

	0°
112.5°	98.3
115°	98.3
117.5°	98.3
120°	93.1
122.5°	93.1
125°	88.0
127.5°	88.0
130°	82.8
132.5°	82.8
135°	77.6
137.5°	77.6
140°	72.4
142.5°	67.3
145°	67.3
147.5°	62.1
150°	56.9
152.5°	51.7
155°	46.6
157.5°	46.6
160°	41.4
162.5°	36.2
165°	31.0
167.5°	25.9
170°	20.7
172.5°	15.5
175°	5.2
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	7.1	8.1	8.0	9.0	10.2	7.1	8.1	8.0	9.0	10.2
	3H	10.2	11.1	11.1	12.0	13.2	10.2	11.1	11.1	12.0	13.2
	4H	11.6	12.6	12.6	13.5	14.7	11.6	12.6	12.6	13.5	14.7
	6H	13.1	13.9	14.0	14.9	16.1	13.1	13.9	14.0	14.9	16.1
	8H	13.8	14.6	14.7	15.5	16.8	13.8	14.6	14.7	15.5	16.8
	12H	14.4	15.2	15.4	16.2	17.4	14.4	15.2	15.4	16.2	17.4
4H	2H	7.9	8.8	8.8	9.7	10.9	7.9	8.8	8.8	9.7	10.9
	3H	11.1	11.9	12.1	12.9	14.1	11.1	11.9	12.1	12.9	14.1
	4H	12.8	13.5	13.7	14.5	15.7	12.8	13.5	13.7	14.5	15.7
	6H	14.4	15.0	15.3	16.0	17.2	14.4	15.0	15.3	16.0	17.2
	8H	15.1	15.8	16.1	16.7	18.0	15.1	15.8	16.1	16.7	18.0
	12H	15.9	16.5	16.9	17.5	18.7	15.9	16.5	16.9	17.5	18.7
8H	4H	13.3	13.9	14.2	14.9	16.2	13.3	13.9	14.2	14.9	16.2
	6H	15.1	15.6	16.1	16.6	17.9	15.1	15.6	16.1	16.6	17.9
	8H	16.0	16.5	17.0	17.5	18.8	16.0	16.5	17.0	17.5	18.8
	12H	16.9	17.4	17.9	18.4	19.7	16.9	17.4	17.9	18.4	19.7
12H	4H	13.4	14.0	14.4	15.0	16.2	13.4	14.0	14.4	15.0	16.2
	6H	15.3	15.8	16.3	16.8	18.1	15.3	15.8	16.3	16.8	18.1
	8H	16.3	16.7	17.3	17.7	19.0	16.3	16.7	17.3	17.7	19.0

(END OF REPORT)