

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: P1244967

Luminaire Tested: PRLX-MIN-S-930-12L-U-OW

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1244967  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2412-299-10)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PrentaLux  
Catalog Number: PRLX-MIN-S-930-12L-U-OW  
Description: 3D PRINTED PENDANT LED LUMINAIRE, SMALL LIGHT ENGINE, OPEN WEAVE SHADE TEXTURE LIGHT LEVEL 5  
Light Source: -  
Ballast/Driver: -

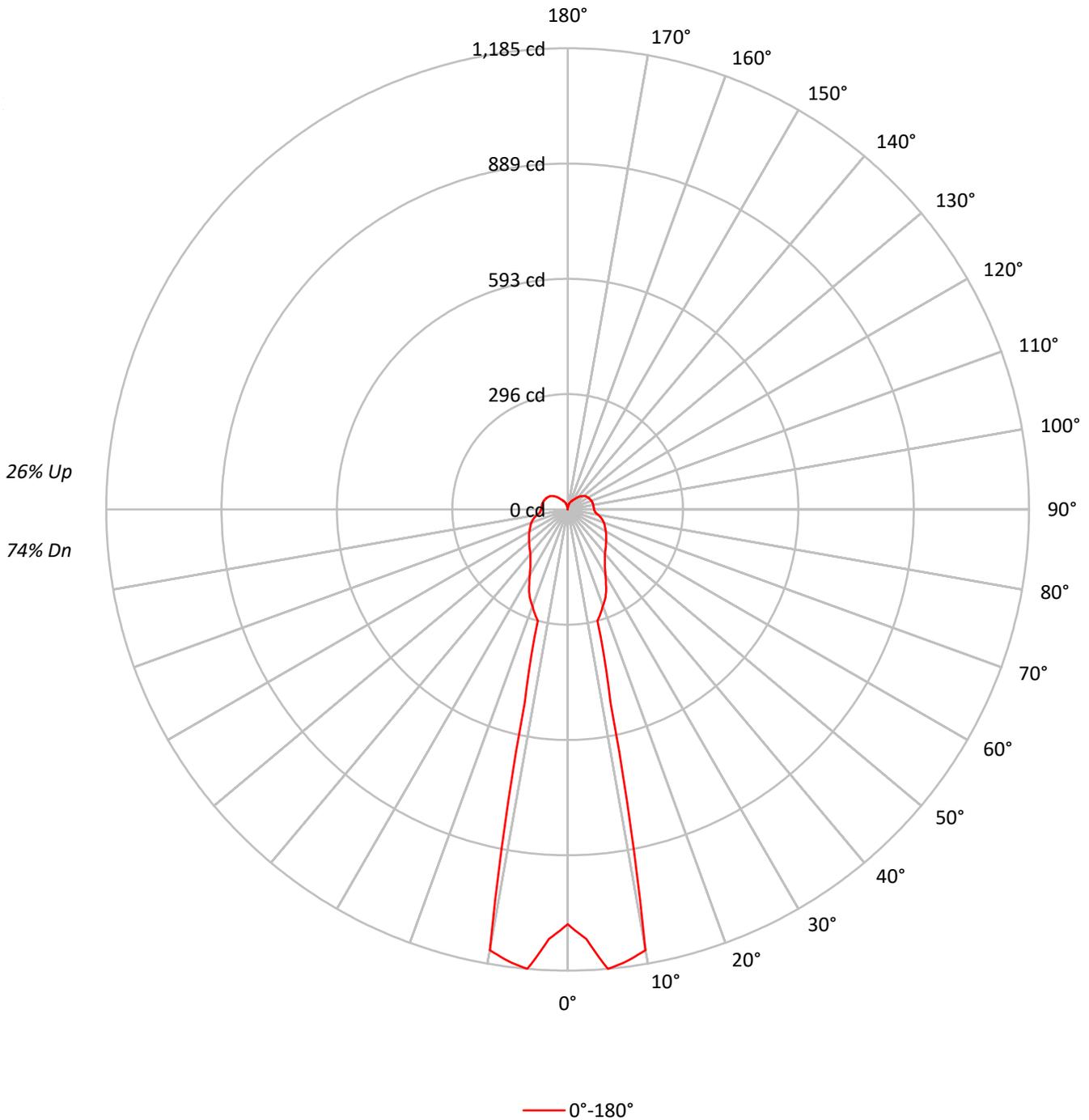
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1263.0 lumens  
Efficiency: N/A  
Efficacy: 43.7 lumens/watt  
Spacing Criteria (0/90/45): 0.43 / 0.43 / 0.38  
Luminous Opening: Rectangular w/ Sides (W: 0.62' x L: 0.62' x H: 0.87')  
CIE Type: Semi-Direct

Input Watts (W): 28.9  
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	113	113	113	113	107	107	107	107	97	97	97	87	87	87	78	78	78	74
1	101	96	91	87	96	91	87	83	82	79	76	74	71	69	66	64	62	58
2	92	84	77	71	87	80	73	68	72	67	63	65	61	57	58	55	52	49
3	85	74	66	60	80	71	63	58	64	58	53	58	53	49	52	48	45	42
4	78	67	58	52	74	63	56	50	58	51	46	52	47	43	47	43	40	37
5	72	60	52	46	68	58	50	44	53	46	41	48	43	38	44	39	36	33
6	67	55	47	41	64	53	45	39	48	42	37	44	39	35	40	36	33	30
7	63	51	42	37	60	49	41	36	45	38	34	41	36	32	38	33	30	28
8	59	47	39	34	56	45	38	33	42	35	31	38	33	29	35	31	28	26
9	56	44	36	31	53	42	35	30	39	33	29	36	31	27	33	29	26	24
10	53	41	34	29	50	39	33	28	37	31	27	34	29	26	32	27	24	23

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

	0°
0°	29380
5°	29225
10°	25847
15°	6153
20°	5141
25°	4316
30°	3432
35°	2835
40°	2472
45°	2255
50°	2075
55°	1944
60°	1829
65°	1726
70°	1649
75°	1547
80°	1415
85°	1320

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 2255 cd/sqm

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	110.6	8.8
10°-20°	116.7	9.2
20°-30°	106.3	8.4
30°-40°	105.1	8.3
40°-50°	107.0	8.5
50°-60°	108.4	8.6
60°-70°	105.0	8.3
70°-80°	94.8	7.5
80°-90°	78.1	6.2
90°-100°	73.3	5.8
100°-110°	69.9	5.5
110°-120°	62.5	4.9
120°-130°	51.7	4.1
130°-140°	36.9	2.9
140°-150°	21.2	1.7
150°-160°	11.0	0.9
160°-170°	4.2	0.3
170°-180°	0.3	0.0
0°-30°	333.6	26.4
0°-40°	438.7	34.7
0°-60°	654.1	51.8
0°-90°	932.0	73.8
90°-120°	205.6	16.3
90°-150°	315.5	25.0
90°-180°	331.0	26.2
0°-180°	1263.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1066	
5°	1185	111
15°	296	117
25°	234	106
35°	166	105
45°	138	107
55°	121	108
65°	106	105
75°	90	95
85°	71	59
90°	68	37
95°	67	55
105°	66	70
115°	63	62
125°	58	52
135°	47	37
145°	33	21
155°	23	11
165°	14	4
175°	1	0
180°	0	

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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1066.2
2.5°	1104.9
5°	1185.2
7.5°	1170.7
10°	1150.4
12.5°	508.9
15°	296.1
17.5°	280.6
20°	264.1
22.5°	250.6
25°	234.1
27.5°	212.9
30°	194.5
32.5°	178.0
35°	166.4
37.5°	156.7
40°	149.0
42.5°	143.2
45°	138.4
47.5°	133.5
50°	128.7
52.5°	124.8
55°	120.9
57.5°	117.1
60°	113.2
62.5°	109.3
65°	105.5
67.5°	102.6
70°	98.7
72.5°	94.8
75°	90.0
77.5°	85.1
80°	79.3
82.5°	73.5
85°	70.6
87.5°	68.7
90°	67.7
92.5°	67.7
95°	66.8
97.5°	66.8
100°	66.8
102.5°	66.8
105°	65.8
107.5°	65.8
110°	64.8

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**CANDELA DISTRIBUTION (continued):**

	0°
112.5°	63.9
115°	62.9
117.5°	61.9
120°	61.0
122.5°	59.0
125°	58.1
127.5°	56.1
130°	53.2
132.5°	51.3
135°	47.4
137.5°	44.5
140°	40.6
142.5°	36.8
145°	32.9
147.5°	30.0
150°	28.1
152.5°	26.1
155°	23.2
157.5°	21.3
160°	19.4
162.5°	17.4
165°	14.5
167.5°	11.6
170°	7.7
172.5°	3.9
175°	1.0
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	11.0	12.1	11.7	12.9	13.8	11.0	12.1	11.7	12.9	13.8
	3H	13.3	14.4	14.0	15.1	16.0	13.3	14.4	14.0	15.1	16.0
	4H	14.4	15.4	15.1	16.1	17.0	14.4	15.4	15.1	16.1	17.0
	6H	15.3	16.2	16.1	17.0	18.0	15.3	16.2	16.1	17.0	18.0
	8H	15.7	16.6	16.5	17.4	18.4	15.7	16.6	16.5	17.4	18.4
	12H	16.1	17.0	16.9	17.8	18.7	16.1	17.0	16.9	17.8	18.7
4H	2H	11.6	12.6	12.3	13.3	14.3	11.6	12.6	12.3	13.3	14.3
	3H	14.1	15.0	14.9	15.8	16.7	14.1	15.0	14.9	15.8	16.7
	4H	15.3	16.1	16.1	16.9	17.9	15.3	16.1	16.1	16.9	17.9
	6H	16.4	17.1	17.2	18.0	18.9	16.4	17.1	17.2	18.0	18.9
	8H	16.9	17.6	17.7	18.4	19.4	16.9	17.6	17.7	18.4	19.4
	12H	17.4	18.0	18.3	18.9	19.9	17.4	18.0	18.3	18.9	19.9
8H	4H	15.7	16.4	16.5	17.2	18.2	15.7	16.4	16.5	17.2	18.2
	6H	17.0	17.6	17.8	18.4	19.4	17.0	17.6	17.8	18.4	19.4
	8H	17.6	18.1	18.5	19.0	20.0	17.6	18.1	18.5	19.0	20.0
	12H	18.3	18.7	19.1	19.6	20.6	18.3	18.7	19.1	19.6	20.6
12H	4H	15.8	16.4	16.6	17.2	18.2	15.8	16.4	16.6	17.2	18.2
	6H	17.1	17.6	18.0	18.5	19.5	17.1	17.6	18.0	18.5	19.5
	8H	17.8	18.3	18.7	19.1	20.2	17.8	18.3	18.7	19.1	20.2

(END OF REPORT)