

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: P1244818

Luminaire Tested: PRLX-MIN-L-930-12L-U-PS

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1244818  
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-930-12L-U-PS  
Description: 3D PRINTED PENDANT LED LUMINAIRE, LARGE LIGHT ENGINE, PINSTRIPE SHADE TEXTURE LIGHT LEVEL 4  
Light Source: -  
Ballast/Driver: -

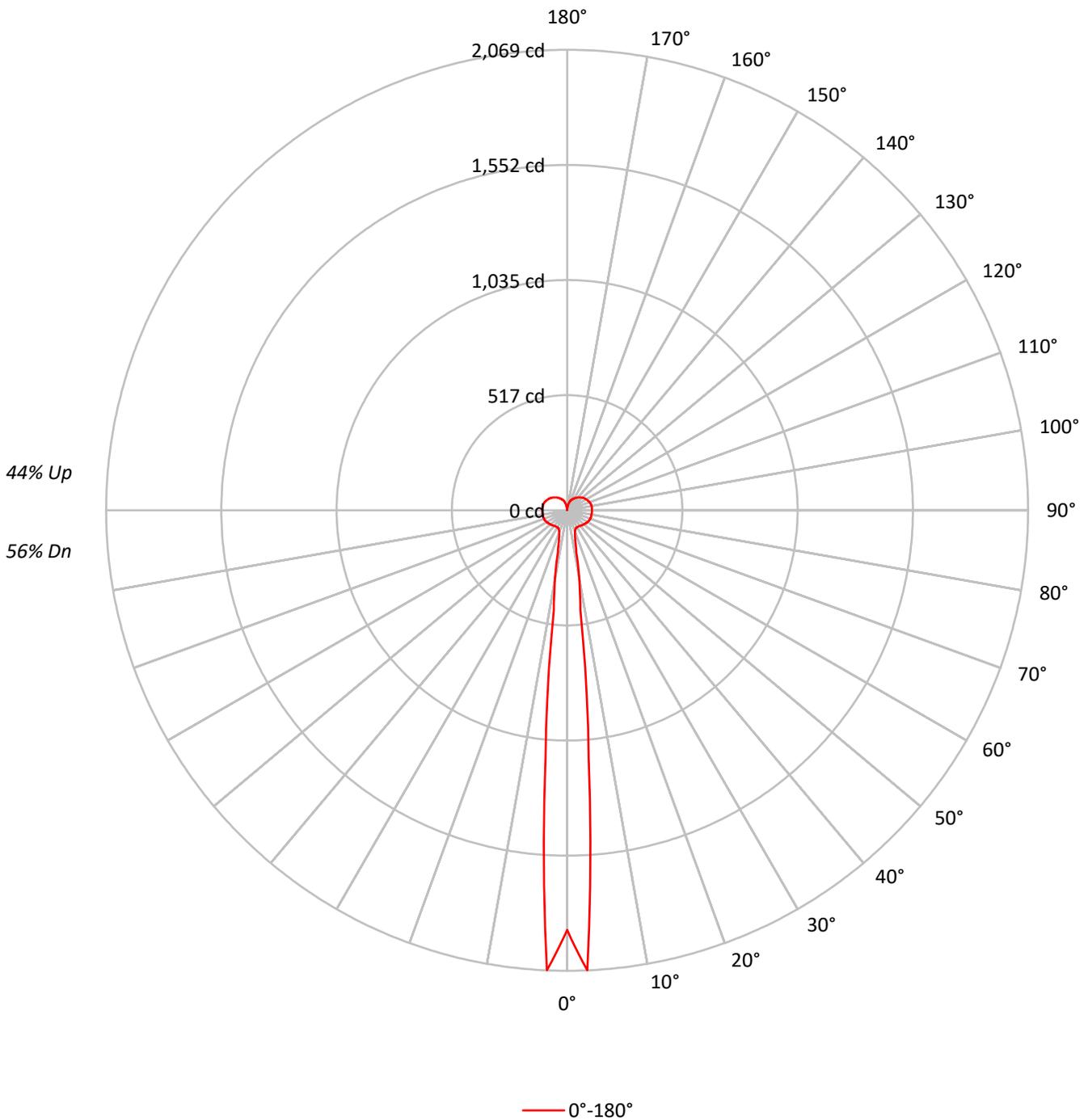
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1300.9 lumens  
Efficiency: N/A  
Efficacy: 42.7 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): 30.5  
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	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	37	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°	59660
5°	27357
10°	6376
15°	2435
20°	1573
25°	1252
30°	1112
35°	1039
40°	1005
45°	989
50°	981
55°	987
60°	995
65°	1008
70°	1018
75°	1029
80°	1030
85°	1052

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 90°  
 Luminance: 1075 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	79.5	6.1
10°-20°	43.8	3.4
20°-30°	42.7	3.3
30°-40°	56.0	4.3
40°-50°	73.4	5.6
50°-60°	91.4	7.0
60°-70°	107.5	8.3
70°-80°	117.5	9.0
80°-90°	121.6	9.3
90°-100°	121.8	9.4
100°-110°	115.7	8.9
110°-120°	102.4	7.9
120°-130°	84.3	6.5
130°-140°	63.6	4.9
140°-150°	43.0	3.3
150°-160°	25.2	1.9
160°-170°	10.4	0.8
170°-180°	1.0	0.1
0°-30°	166.0	12.8
0°-40°	222.0	17.1
0°-60°	386.9	29.7
0°-90°	733.5	56.4
90°-120°	339.9	26.1
90°-150°	530.9	40.8
90°-180°	567.0	43.6
0°-180°	1300.9	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1886	
5°	1109	80
15°	140	44
25°	91	43
35°	89	56
45°	95	73
55°	102	91
65°	108	107
75°	112	118
85°	112	91
90°	112	61
95°	112	91
105°	110	116
115°	103	102
125°	94	84
135°	82	64
145°	68	43
155°	54	25
165°	37	10
175°	5	1
180°	1	

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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1885.8
2.5°	2068.7
5°	1109.1
7.5°	451.4
10°	313.5
12.5°	192.0
15°	139.8
17.5°	116.3
20°	102.6
22.5°	95.4
25°	90.8
27.5°	88.8
30°	88.2
32.5°	88.2
35°	88.8
37.5°	89.5
40°	91.4
42.5°	92.8
45°	94.7
47.5°	96.7
50°	98.0
52.5°	99.9
55°	101.9
57.5°	103.9
60°	105.2
62.5°	107.1
65°	108.4
67.5°	109.7
70°	110.4
72.5°	111.0
75°	111.7
77.5°	111.0
80°	111.0
82.5°	111.0
85°	111.7
87.5°	111.7
90°	111.7
92.5°	111.7
95°	111.7
97.5°	111.7
100°	111.0
102.5°	110.4
105°	109.7
107.5°	108.4
110°	107.1



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**CANDELA DISTRIBUTION (continued):**

	0°
112.5°	105.2
115°	103.2
117.5°	101.2
120°	98.6
122.5°	96.7
125°	94.1
127.5°	91.4
130°	88.2
132.5°	85.6
135°	82.3
137.5°	78.4
140°	75.1
142.5°	71.9
145°	67.9
147.5°	64.7
150°	61.4
152.5°	57.5
155°	54.2
157.5°	50.3
160°	46.4
162.5°	41.8
165°	36.6
167.5°	29.4
170°	20.2
172.5°	12.4
175°	5.2
177.5°	1.3
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	7.6	8.6	8.5	9.5	10.7	7.6	8.6	8.5	9.5	10.7
	3H	10.6	11.5	11.5	12.5	13.6	10.6	11.5	11.5	12.5	13.6
	4H	12.0	12.9	12.9	13.9	15.1	12.0	12.9	12.9	13.9	15.1
	6H	13.4	14.3	14.3	15.2	16.4	13.4	14.3	14.3	15.2	16.4
	8H	14.1	14.9	15.0	15.8	17.1	14.1	14.9	15.0	15.8	17.1
	12H	14.7	15.5	15.7	16.5	17.7	14.7	15.5	15.7	16.5	17.7
4H	2H	8.4	9.3	9.3	10.2	11.4	8.4	9.3	9.3	10.2	11.4
	3H	11.5	12.3	12.4	13.3	14.5	11.5	12.3	12.4	13.3	14.5
	4H	13.1	13.9	14.0	14.8	16.0	13.1	13.9	14.0	14.8	16.0
	6H	14.7	15.3	15.6	16.3	17.5	14.7	15.3	15.6	16.3	17.5
	8H	15.4	16.1	16.4	17.0	18.3	15.4	16.1	16.4	17.0	18.3
	12H	16.2	16.8	17.1	17.7	19.0	16.2	16.8	17.1	17.7	19.0
8H	4H	13.6	14.2	14.6	15.2	16.5	13.6	14.2	14.6	15.2	16.5
	6H	15.4	15.9	16.3	16.9	18.2	15.4	15.9	16.3	16.9	18.2
	8H	16.3	16.8	17.3	17.8	19.0	16.3	16.8	17.3	17.8	19.0
	12H	17.2	17.7	18.2	18.7	20.0	17.2	17.7	18.2	18.7	20.0
12H	4H	13.7	14.3	14.7	15.3	16.5	13.7	14.3	14.7	15.3	16.5
	6H	15.6	16.0	16.5	17.0	18.3	15.6	16.0	16.5	17.0	18.3
	8H	16.5	17.0	17.5	18.0	19.3	16.5	17.0	17.5	18.0	19.3

(END OF REPORT)