

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: P1245322

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

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1245322  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2412-299-10)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PrentaLux  
Catalog Number: PRLX-UNA-L-930-12L-U-PS  
Description: 3D PRINTED PENDANT LED LUMINAIRE, LARGE LIGHT ENGINE, PINSTRIPE SHADE TEXTURE LIGHT LEVEL 4  
Light Source: -  
Ballast/Driver: -

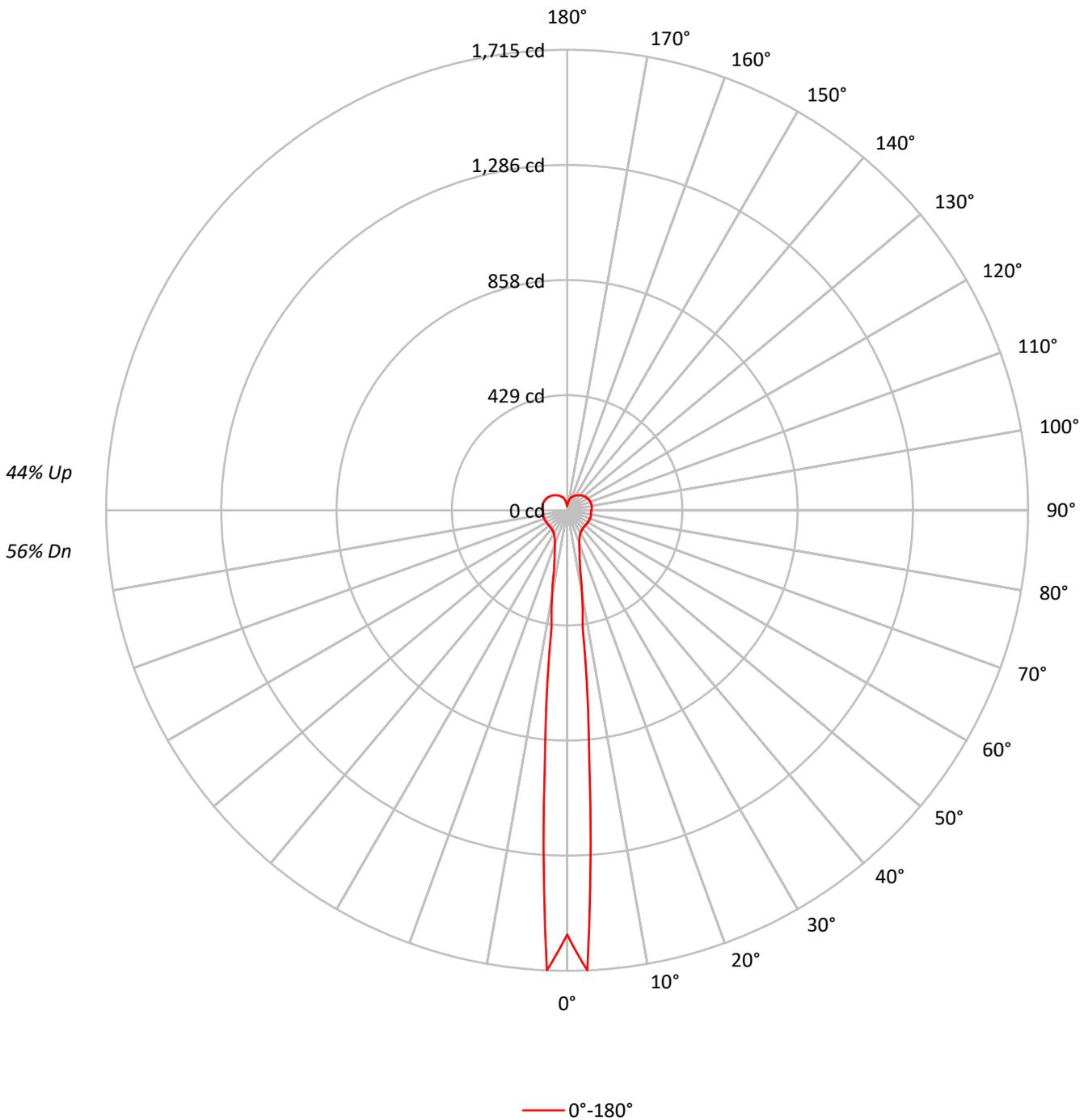
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1175.0 lumens  
Efficiency: N/A  
Efficacy: 38.5 lumens/watt  
Spacing Criteria (0/90/45): 0.2 / 0.2 / 0.2  
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				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	96	90	85	80	88	83	79	75	71	68	64	60	57	55	49	47	46	40
2	86	77	70	63	80	72	65	59	61	56	51	51	47	44	42	39	37	32
3	79	68	59	52	72	63	55	49	54	48	43	45	40	37	37	34	31	27
4	72	60	51	44	66	56	48	42	48	41	37	40	35	31	33	30	27	23
5	66	54	45	38	61	50	42	36	43	37	32	36	31	28	30	27	23	20
6	61	48	40	34	57	45	37	32	39	33	28	33	28	25	28	24	21	18
7	57	44	36	30	53	41	34	28	36	30	25	31	26	22	26	22	19	17
8	53	41	33	27	49	38	31	26	33	27	23	29	24	20	24	21	18	15
9	50	37	30	25	46	35	28	23	31	25	21	27	22	19	23	19	16	14
10	47	35	27	22	44	33	26	21	29	23	19	25	21	17	22	18	15	13

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

	0°
0°	49995
5°	23433
10°	6586
15°	3095
20°	2039
25°	1515
30°	1246
35°	1089
40°	983
45°	922
50°	879
55°	856
60°	840
65°	836
70°	834
75°	838
80°	829
85°	842

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 922 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	70.4	6.0
10°-20°	52.8	4.5
20°-30°	51.5	4.4
30°-40°	58.6	5.0
40°-50°	68.4	5.8
50°-60°	79.3	6.8
60°-70°	89.2	7.6
70°-80°	95.8	8.2
80°-90°	97.8	8.3
90°-100°	100.3	8.5
100°-110°	98.2	8.4
110°-120°	89.7	7.6
120°-130°	76.5	6.5
130°-140°	60.3	5.1
140°-150°	43.1	3.7
150°-160°	27.1	2.3
160°-170°	13.2	1.1
170°-180°	2.7	0.2
0°-30°	174.7	14.9
0°-40°	233.3	19.9
0°-60°	381.1	32.4
0°-90°	663.8	56.5
90°-120°	288.2	24.5
90°-150°	468.1	39.8
90°-180°	511.0	43.5
0°-180°	1175.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1580	
5°	950	70
15°	178	53
25°	110	51
35°	93	59
45°	88	68
55°	88	79
65°	90	89
75°	91	96
85°	89	73
90°	90	50
95°	92	75
105°	93	98
115°	90	90
125°	85	76
135°	78	60
145°	68	43
155°	58	27
165°	46	13
175°	24	3
180°	16	

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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1580.3
2.5°	1714.9
5°	950.0
7.5°	440.6
10°	323.8
12.5°	222.9
15°	177.7
17.5°	151.4
20°	133.0
22.5°	119.3
25°	109.9
27.5°	103.6
30°	98.8
32.5°	95.7
35°	93.1
37.5°	90.9
40°	89.4
42.5°	88.8
45°	88.3
47.5°	87.8
50°	87.8
52.5°	88.3
55°	88.3
57.5°	88.8
60°	88.8
62.5°	89.4
65°	89.9
67.5°	90.4
70°	90.4
72.5°	90.9
75°	90.9
77.5°	90.4
80°	89.4
82.5°	89.4
85°	89.4
87.5°	89.9
90°	90.4
92.5°	91.5
95°	92.0
97.5°	92.5
100°	93.1
102.5°	93.1
105°	93.1
107.5°	92.5
110°	92.0

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**CANDELA DISTRIBUTION (continued):**

	0°
112.5°	91.5
115°	90.4
117.5°	89.4
120°	88.3
122.5°	86.7
125°	85.2
127.5°	83.6
130°	82.0
132.5°	79.9
135°	77.8
137.5°	75.7
140°	73.1
142.5°	71.0
145°	68.3
147.5°	66.2
150°	63.6
152.5°	61.0
155°	58.4
157.5°	55.7
160°	52.6
162.5°	49.9
165°	46.3
167.5°	42.1
170°	36.8
172.5°	31.0
175°	24.2
177.5°	17.9
180°	15.8



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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	6.9	7.9	7.8	8.8	10.0	6.9	7.9	7.8	8.8	10.0
	3H	9.7	10.6	10.6	11.6	12.8	9.7	10.6	10.6	11.6	12.8
	4H	11.1	12.0	12.0	12.9	14.1	11.1	12.0	12.0	12.9	14.1
	6H	12.4	13.3	13.4	14.2	15.4	12.4	13.3	13.4	14.2	15.4
	8H	13.1	13.9	14.0	14.8	16.0	13.1	13.9	14.0	14.8	16.0
	12H	13.7	14.5	14.6	15.4	16.7	13.7	14.5	14.6	15.4	16.7
4H	2H	7.6	8.5	8.5	9.4	10.6	7.6	8.5	8.5	9.4	10.6
	3H	10.6	11.4	11.6	12.4	13.6	10.6	11.4	11.6	12.4	13.6
	4H	12.2	12.9	13.1	13.8	15.1	12.2	12.9	13.1	13.8	15.1
	6H	13.7	14.3	14.6	15.3	16.5	13.7	14.3	14.6	15.3	16.5
	8H	14.4	15.0	15.3	16.0	17.2	14.4	15.0	15.3	16.0	17.2
	12H	15.1	15.7	16.1	16.7	17.9	15.1	15.7	16.1	16.7	17.9
8H	4H	12.7	13.3	13.6	14.2	15.5	12.7	13.3	13.6	14.2	15.5
	6H	14.4	14.9	15.3	15.9	17.1	14.4	14.9	15.3	15.9	17.1
	8H	15.2	15.7	16.2	16.7	18.0	15.2	15.7	16.2	16.7	18.0
	12H	16.2	16.6	17.1	17.6	18.9	16.2	16.6	17.1	17.6	18.9
12H	4H	12.8	13.3	13.7	14.3	15.5	12.8	13.3	13.7	14.3	15.5
	6H	14.5	15.0	15.5	16.0	17.3	14.5	15.0	15.5	16.0	17.3
	8H	15.5	15.9	16.5	16.9	18.2	15.5	15.9	16.5	16.9	18.2

(END OF REPORT)