

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: P1244847

Luminaire Tested: PRLX-MIN-L-935-20L-U-OW

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1244847  
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-935-20L-U-OW  
Description: 3D PRINTED PENDANT LED LUMINAIRE, LARGE LIGHT ENGINE, OPEN WEAVE SHADE TEXTURE LIGHT LEVEL 6  
Light Source: -  
Ballast/Driver: -

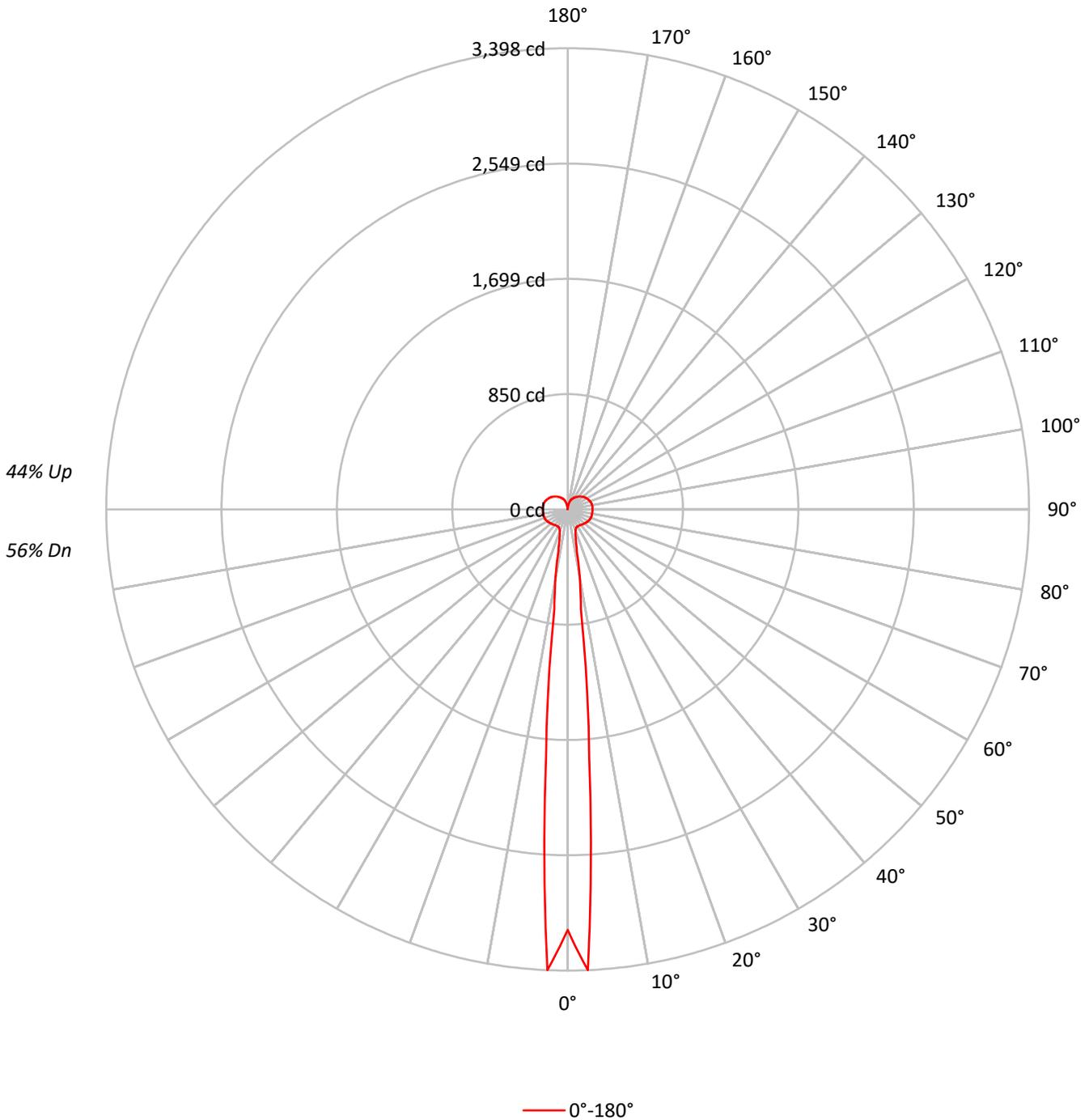
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2137.1 lumens  
Efficiency: N/A  
Efficacy: 44.0 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): 48.6  
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	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	36	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°	97997
5°	44939
10°	10475
15°	3999
20°	2583
25°	2055
30°	1826
35°	1707
40°	1651
45°	1624
50°	1611
55°	1622
60°	1633
65°	1657
70°	1672
75°	1691
80°	1692
85°	1727

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 90°  
 Luminance: 1767 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	130.7	6.1
10°-20°	71.9	3.4
20°-30°	70.1	3.3
30°-40°	92.0	4.3
40°-50°	120.6	5.6
50°-60°	150.2	7.0
60°-70°	176.6	8.3
70°-80°	193.1	9.0
80°-90°	199.8	9.3
90°-100°	200.1	9.4
100°-110°	190.2	8.9
110°-120°	168.2	7.9
120°-130°	138.5	6.5
130°-140°	104.5	4.9
140°-150°	70.6	3.3
150°-160°	41.4	1.9
160°-170°	17.0	0.8
170°-180°	1.7	0.1
0°-30°	272.7	12.8
0°-40°	364.6	17.1
0°-60°	635.4	29.7
0°-90°	1204.9	56.4
90°-120°	558.4	26.1
90°-150°	872.1	40.8
90°-180°	932.0	43.6
0°-180°	2137.1	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	3098	
5°	1822	131
15°	230	72
25°	149	70
35°	146	92
45°	156	121
55°	167	150
65°	178	177
75°	184	193
85°	184	149
90°	184	101
95°	184	150
105°	180	190
115°	170	168
125°	154	139
135°	135	105
145°	112	71
155°	89	41
165°	60	17
175°	9	2
180°	1	

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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	3097.6
2.5°	3398.0
5°	1821.9
7.5°	741.4
10°	515.0
12.5°	315.4
15°	229.6
17.5°	191.0
20°	168.5
22.5°	156.7
25°	149.1
27.5°	145.9
30°	144.8
32.5°	144.8
35°	145.9
37.5°	147.0
40°	150.2
42.5°	152.4
45°	155.6
47.5°	158.8
50°	160.9
52.5°	164.2
55°	167.4
57.5°	170.6
60°	172.7
62.5°	176.0
65°	178.1
67.5°	180.3
70°	181.3
72.5°	182.4
75°	183.5
77.5°	182.4
80°	182.4
82.5°	182.4
85°	183.5
87.5°	183.5
90°	183.5
92.5°	183.5
95°	183.5
97.5°	183.5
100°	182.4
102.5°	181.3
105°	180.3
107.5°	178.1
110°	176.0

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**CANDELA DISTRIBUTION (continued):**

	0°
112.5°	172.7
115°	169.5
117.5°	166.3
120°	162.0
122.5°	158.8
125°	154.5
127.5°	150.2
130°	144.8
132.5°	140.6
135°	135.2
137.5°	128.8
140°	123.4
142.5°	118.0
145°	111.6
147.5°	106.2
150°	100.9
152.5°	94.4
155°	89.1
157.5°	82.6
160°	76.2
162.5°	68.7
165°	60.1
167.5°	48.3
170°	33.3
172.5°	20.4
175°	8.6
177.5°	2.1
180°	1.1



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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	9.3	10.3	10.2	11.3	12.4	9.3	10.3	10.2	11.3	12.4
	3H	12.3	13.3	13.2	14.2	15.4	12.3	13.3	13.2	14.2	15.4
	4H	13.7	14.7	14.6	15.6	16.8	13.7	14.7	14.6	15.6	16.8
	6H	15.1	16.0	16.0	16.9	18.1	15.1	16.0	16.0	16.9	18.1
	8H	15.8	16.6	16.7	17.6	18.8	15.8	16.6	16.7	17.6	18.8
	12H	16.5	17.2	17.4	18.2	19.4	16.5	17.2	17.4	18.2	19.4
4H	2H	10.1	11.0	11.0	11.9	13.1	10.1	11.0	11.0	11.9	13.1
	3H	13.3	14.1	14.2	15.0	16.2	13.3	14.1	14.2	15.0	16.2
	4H	14.8	15.6	15.8	16.5	17.8	14.8	15.6	15.8	16.5	17.8
	6H	16.4	17.1	17.3	18.0	19.3	16.4	17.1	17.3	18.0	19.3
	8H	17.2	17.8	18.1	18.7	20.0	17.2	17.8	18.1	18.7	20.0
	12H	17.9	18.5	18.9	19.5	20.7	17.9	18.5	18.9	19.5	20.7
8H	4H	15.3	16.0	16.3	16.9	18.2	15.3	16.0	16.3	16.9	18.2
	6H	17.1	17.6	18.1	18.7	19.9	17.1	17.6	18.1	18.7	19.9
	8H	18.0	18.5	19.0	19.5	20.8	18.0	18.5	19.0	19.5	20.8
	12H	18.9	19.4	19.9	20.4	21.7	18.9	19.4	19.9	20.4	21.7
12H	4H	15.5	16.0	16.4	17.0	18.3	15.5	16.0	16.4	17.0	18.3
	6H	17.3	17.8	18.3	18.8	20.1	17.3	17.8	18.3	18.8	20.1
	8H	18.3	18.7	19.2	19.7	21.0	18.3	18.7	19.2	19.7	21.0

(END OF REPORT)