

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: P1244920

Luminaire Tested: PRLX-MIN-M-935-06L-U-PS

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1244920  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2412-299-23)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PrentaLux  
Catalog Number: PRLX-MIN-M-935-06L-U-PS  
Description: 3D PRINTED PENDANT LED LUMINAIRE, MEDIUM LIGHT ENGINE, PINSTRIPE SHADE TEXTURE LIGHT LEVEL 4  
Light Source: -  
Ballast/Driver: -

**Summary**

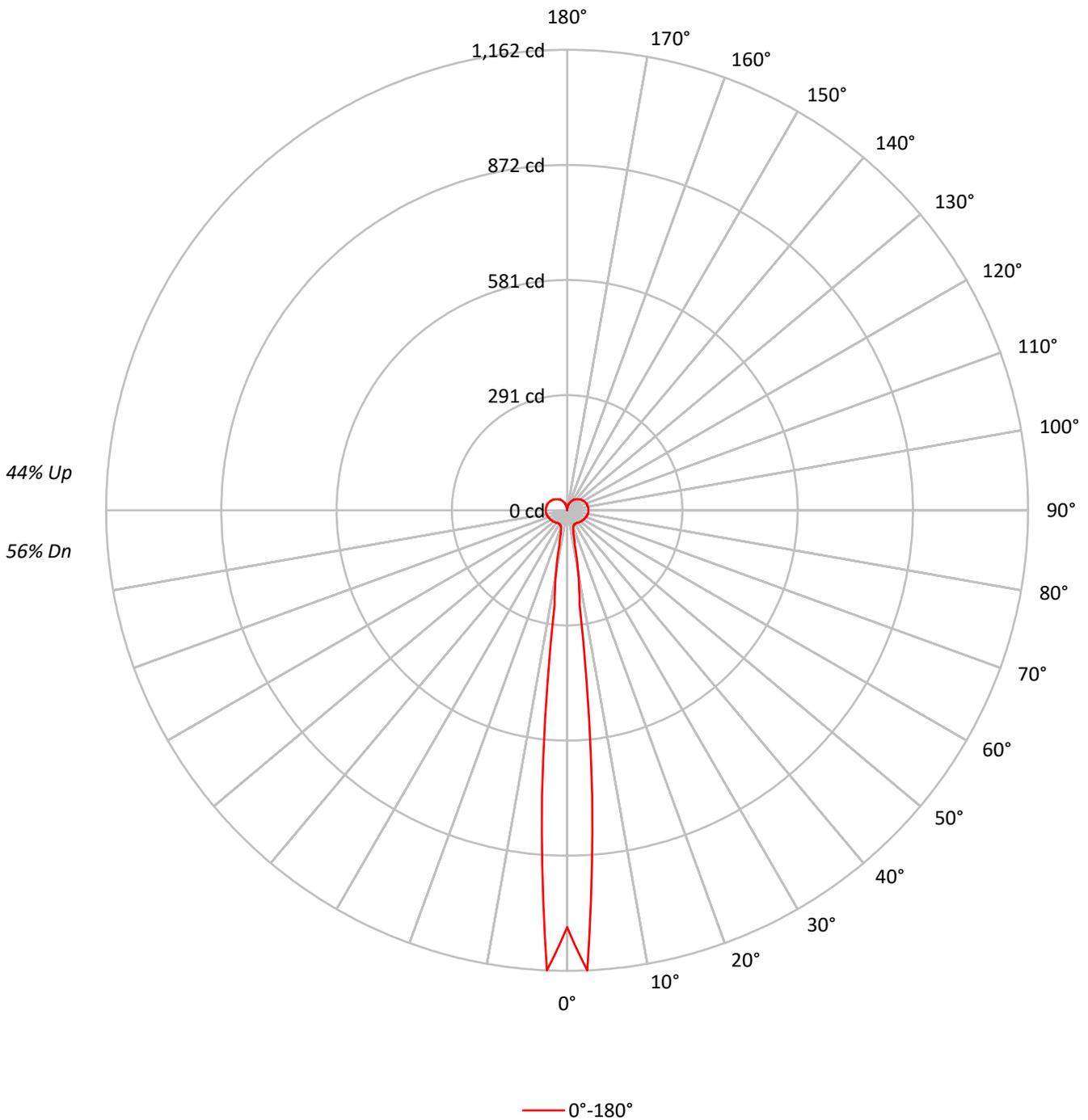
Lumens per Lamp: N/A  
Luminaire Lumens: 619.1 lumens  
Efficiency: N/A  
Efficacy: 29.1 lumens/watt  
Spacing Criteria (0/90/45): 0.21 / 0.21 / 0.18  
Luminous Opening: Rectangular w/ Sides (W: 0.46' x L: 0.46' x H: 1.92')  
CIE Type: General Diffuse

Input Watts (W): 21.3  
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	84	79	88	82	78	73	70	66	63		59	56	53		48	46	44	39
2	86	76	69	62	79	71	64	58	60	55	50		50	46	42		41	38	35	30
3	78	67	58	51	71	62	54	48	52	46	41		44	39	35		36	32	29	25
4	71	59	50	43	65	55	47	41	47	40	35		39	34	30		32	28	25	22
5	66	53	44	37	60	49	41	35	42	36	31		36	31	27		29	26	22	19
6	61	48	39	33	56	45	37	31	38	32	27		33	28	24		27	23	20	17
7	57	44	35	29	52	41	33	28	35	29	25		30	25	22		25	21	18	16
8	53	40	32	27	49	38	30	25	33	27	22		28	23	20		24	20	17	15
9	50	37	29	24	46	35	28	23	31	25	21		26	22	18		23	19	16	14
10	47	35	27	22	44	33	26	21	29	23	19		25	20	17		21	18	15	13

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

	0°
0°	53907
5°	27249
10°	4882
15°	1554
20°	973
25°	788
30°	686
35°	631
40°	610
45°	597
50°	590
55°	587
60°	589
65°	595
70°	606
75°	620
80°	630
85°	646

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 90°  
 Luminance: 657 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	46.3	7.5
10°-20°	20.3	3.3
20°-30°	19.1	3.1
30°-40°	25.1	4.1
40°-50°	33.1	5.3
50°-60°	41.1	6.6
60°-70°	48.6	7.8
70°-80°	54.9	8.9
80°-90°	58.4	9.4
90°-100°	58.4	9.4
100°-110°	55.2	8.9
110°-120°	49.3	8.0
120°-130°	40.6	6.6
130°-140°	30.7	5.0
140°-150°	21.0	3.4
150°-160°	11.8	1.9
160°-170°	4.7	0.8
170°-180°	0.4	0.1
0°-30°	85.7	13.8
0°-40°	110.8	17.9
0°-60°	185.0	29.9
0°-90°	346.9	56.0
90°-120°	162.9	26.3
90°-150°	255.2	41.2
90°-180°	272.0	43.9
0°-180°	619.1	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1052	
5°	724	46
15°	62	20
25°	41	19
35°	40	25
45°	43	33
55°	46	41
65°	49	49
75°	52	55
85°	54	44
90°	54	29
95°	54	44
105°	52	55
115°	50	49
125°	45	41
135°	40	31
145°	33	21
155°	26	12
165°	16	5
175°	2	0
180°	0	

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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1051.9
2.5°	1162.2
5°	723.5
7.5°	239.9
10°	163.0
12.5°	89.3
15°	62.1
17.5°	51.2
20°	45.0
22.5°	42.7
25°	41.1
27.5°	39.6
30°	39.6
32.5°	39.6
35°	39.6
37.5°	40.4
40°	41.1
42.5°	41.9
45°	42.7
47.5°	43.5
50°	44.3
52.5°	45.0
55°	45.8
57.5°	46.6
60°	47.4
62.5°	48.1
65°	48.9
67.5°	49.7
70°	50.5
72.5°	51.2
75°	52.0
77.5°	52.8
80°	52.8
82.5°	53.6
85°	53.6
87.5°	53.6
90°	53.6
92.5°	53.6
95°	53.6
97.5°	53.6
100°	52.8
102.5°	52.8
105°	52.0
107.5°	52.0
110°	51.2

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**CANDELA DISTRIBUTION (continued):**

	0°
112.5°	50.5
115°	49.7
117.5°	48.9
120°	47.4
122.5°	46.6
125°	45.0
127.5°	44.3
130°	42.7
132.5°	41.1
135°	39.6
137.5°	38.0
140°	36.5
142.5°	34.9
145°	33.4
147.5°	31.8
150°	29.5
152.5°	27.2
155°	25.6
157.5°	23.3
160°	21.0
162.5°	19.4
165°	16.3
167.5°	13.2
170°	9.3
172.5°	5.4
175°	1.6
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	5.5	6.6	6.4	7.5	8.7	5.5	6.6	6.4	7.5	8.7
	3H	8.6	9.5	9.5	10.4	11.6	8.6	9.5	9.5	10.4	11.6
	4H	10.1	11.0	11.0	11.9	13.1	10.1	11.0	11.0	11.9	13.1
	6H	11.5	12.4	12.5	13.3	14.5	11.5	12.4	12.5	13.3	14.5
	8H	12.2	13.1	13.2	14.0	15.2	12.2	13.1	13.2	14.0	15.2
	12H	12.9	13.7	13.9	14.7	15.9	12.9	13.7	13.9	14.7	15.9
4H	2H	6.3	7.2	7.2	8.1	9.3	6.3	7.2	7.2	8.1	9.3
	3H	9.5	10.3	10.4	11.3	12.5	9.5	10.3	10.4	11.3	12.5
	4H	11.2	11.9	12.1	12.9	14.1	11.2	11.9	12.1	12.9	14.1
	6H	12.8	13.5	13.8	14.4	15.7	12.8	13.5	13.8	14.4	15.7
	8H	13.6	14.2	14.6	15.2	16.5	13.6	14.2	14.6	15.2	16.5
	12H	14.4	15.0	15.4	16.0	17.2	14.4	15.0	15.4	16.0	17.2
8H	4H	11.7	12.3	12.6	13.3	14.5	11.7	12.3	12.6	13.3	14.5
	6H	13.5	14.1	14.5	15.1	16.3	13.5	14.1	14.5	15.1	16.3
	8H	14.5	15.0	15.5	16.0	17.2	14.5	15.0	15.5	16.0	17.2
	12H	15.5	15.9	16.4	16.9	18.2	15.5	15.9	16.4	16.9	18.2
12H	4H	11.8	12.4	12.8	13.4	14.6	11.8	12.4	12.8	13.4	14.6
	6H	13.7	14.2	14.7	15.2	16.5	13.7	14.2	14.7	15.2	16.5
	8H	14.8	15.2	15.7	16.2	17.5	14.8	15.2	15.7	16.2	17.5

(END OF REPORT)