

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: P1244913

Luminaire Tested: PRLX-MIN-M-935-03L-U-OW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1244913
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-935-03L-U-OW
Description: 3D PRINTED PENDANT LED LUMINAIRE, MEDIUM LIGHT ENGINE, OPEN WEAVE SHADE TEXTU
LIGHT LEVEL 2
Light Source: -
Ballast/Driver: -

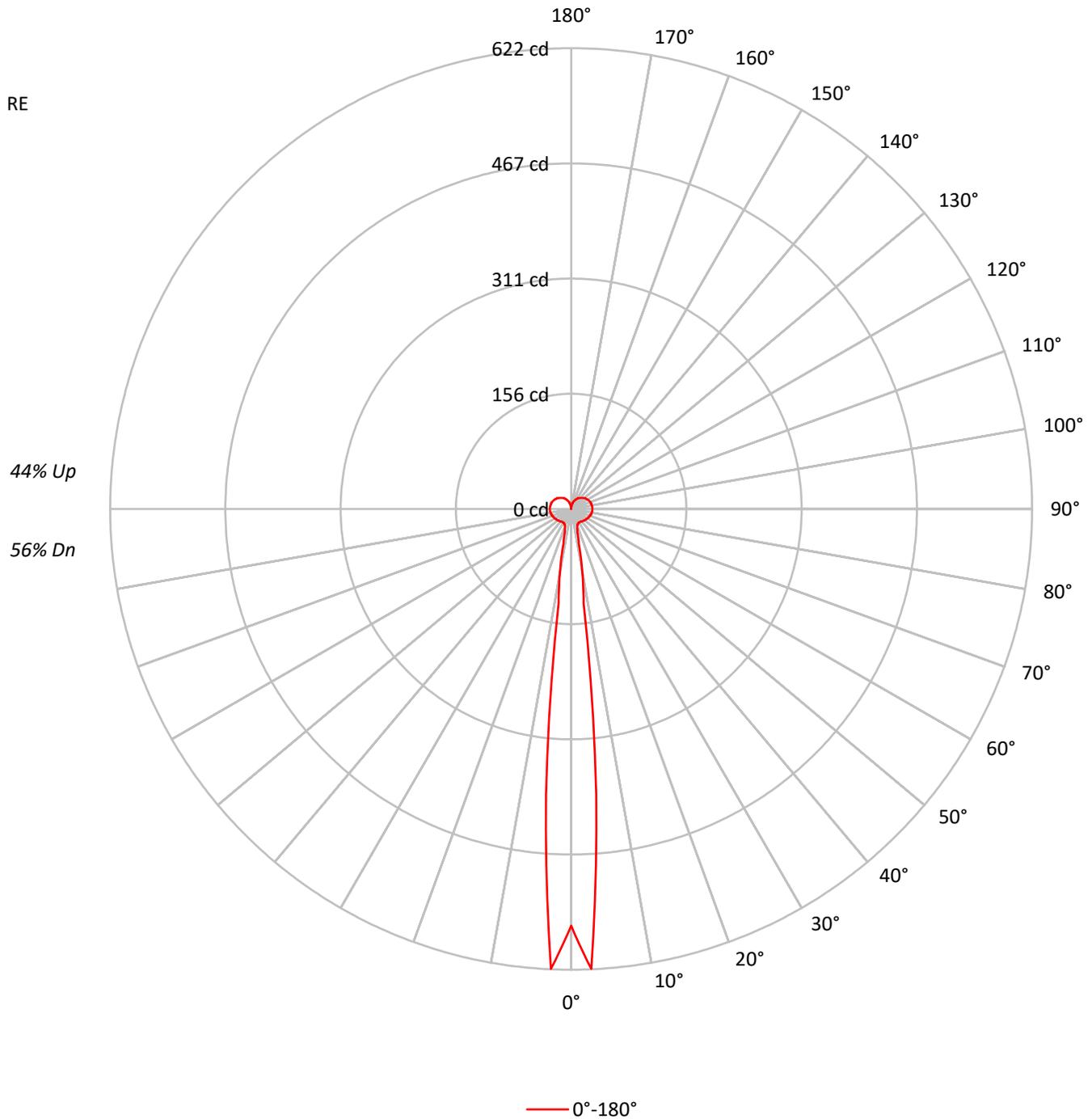
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 330.9 lumens
Efficiency: N/A
Efficacy: 29.8 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): 11.1
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	31
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	19	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°	28827
5°	14572
10°	2612
15°	831
20°	521
25°	422
30°	367
35°	338
40°	326
45°	319
50°	316
55°	314
60°	315
65°	319
70°	324
75°	331
80°	337
85°	345

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 90°
 Luminance: 350 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.8	7.5
10°-20°	10.8	3.3
20°-30°	10.2	3.1
30°-40°	13.5	4.1
40°-50°	17.7	5.3
50°-60°	22.0	6.6
60°-70°	26.0	7.9
70°-80°	29.4	8.9
80°-90°	31.2	9.4
90°-100°	31.2	9.4
100°-110°	29.5	8.9
110°-120°	26.4	8.0
120°-130°	21.7	6.6
130°-140°	16.4	5.0
140°-150°	11.2	3.4
150°-160°	6.3	1.9
160°-170°	2.5	0.8
170°-180°	0.2	0.1
0°-30°	45.8	13.8
0°-40°	59.3	17.9
0°-60°	98.9	29.9
0°-90°	185.4	56.0
90°-120°	87.0	26.3
90°-150°	136.4	41.2
90°-180°	145.0	43.8
0°-180°	330.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	562	
5°	387	25
15°	33	11
25°	22	10
35°	21	13
45°	23	18
55°	24	22
65°	26	26
75°	28	29
85°	29	23
90°	29	16
95°	29	23
105°	28	30
115°	27	26
125°	24	22
135°	21	16
145°	18	11
155°	14	6
165°	9	3
175°	1	0
180°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	562.5
2.5°	621.5
5°	386.9
7.5°	128.3
10°	87.2
12.5°	47.7
15°	33.2
17.5°	27.4
20°	24.1
22.5°	22.8
25°	22.0
27.5°	21.2
30°	21.2
32.5°	21.2
35°	21.2
37.5°	21.6
40°	22.0
42.5°	22.4
45°	22.8
47.5°	23.2
50°	23.7
52.5°	24.1
55°	24.5
57.5°	24.9
60°	25.3
62.5°	25.7
65°	26.2
67.5°	26.6
70°	27.0
72.5°	27.4
75°	27.8
77.5°	28.2
80°	28.2
82.5°	28.6
85°	28.6
87.5°	28.6
90°	28.6
92.5°	28.6
95°	28.6
97.5°	28.6
100°	28.2
102.5°	28.2
105°	27.8
107.5°	27.8
110°	27.4

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CANDELA DISTRIBUTION (continued):

	0°
112.5°	27.0
115°	26.6
117.5°	26.2
120°	25.3
122.5°	24.9
125°	24.1
127.5°	23.7
130°	22.8
132.5°	22.0
135°	21.2
137.5°	20.3
140°	19.5
142.5°	18.7
145°	17.9
147.5°	17.0
150°	15.8
152.5°	14.5
155°	13.7
157.5°	12.5
160°	11.2
162.5°	10.4
165°	8.7
167.5°	7.1
170°	5.0
172.5°	2.9
175°	0.8
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	3.4	4.4	4.2	5.3	6.5	3.4	4.4	4.2	5.3	6.5
	3H	6.4	7.3	7.3	8.3	9.5	6.4	7.3	7.3	8.3	9.5
	4H	7.9	8.8	8.8	9.7	10.9	7.9	8.8	8.8	9.7	10.9
	6H	9.4	10.2	10.3	11.1	12.4	9.4	10.2	10.3	11.1	12.4
	8H	10.1	10.9	11.0	11.8	13.1	10.1	10.9	11.0	11.8	13.1
	12H	10.8	11.5	11.7	12.5	13.7	10.8	11.5	11.7	12.5	13.7
4H	2H	4.1	5.0	5.0	6.0	7.2	4.1	5.0	5.0	6.0	7.2
	3H	7.4	8.1	8.3	9.1	10.3	7.4	8.1	8.3	9.1	10.3
	4H	9.0	9.7	9.9	10.7	11.9	9.0	9.7	9.9	10.7	11.9
	6H	10.6	11.3	11.6	12.3	13.5	10.6	11.3	11.6	12.3	13.5
	8H	11.4	12.1	12.4	13.0	14.3	11.4	12.1	12.4	13.0	14.3
	12H	12.2	12.8	13.2	13.8	15.0	12.2	12.8	13.2	13.8	15.0
8H	4H	9.5	10.1	10.5	11.1	12.4	9.5	10.1	10.5	11.1	12.4
	6H	11.4	11.9	12.3	12.9	14.2	11.4	11.9	12.3	12.9	14.2
	8H	12.3	12.8	13.3	13.8	15.1	12.3	12.8	13.3	13.8	15.1
	12H	13.3	13.7	14.3	14.7	16.0	13.3	13.7	14.3	14.7	16.0
12H	4H	9.6	10.2	10.6	11.2	12.5	9.6	10.2	10.6	11.2	12.5
	6H	11.6	12.0	12.5	13.0	14.3	11.6	12.0	12.5	13.0	14.3
	8H	12.6	13.0	13.6	14.0	15.3	12.6	13.0	13.6	14.0	15.3

(END OF REPORT)