

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: P1244831

Luminaire Tested: PRLX-MIN-L-935-02L-U-NL

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1244831
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-935-02L-U-NL
Description: 3D PRINTED PENDANT LED LUMINAIRE, LARGE LIGHT ENGINE, NATURAL LINES SHADE TEXTUF
LIGHT LEVEL 1
Light Source: -
Ballast/Driver: -

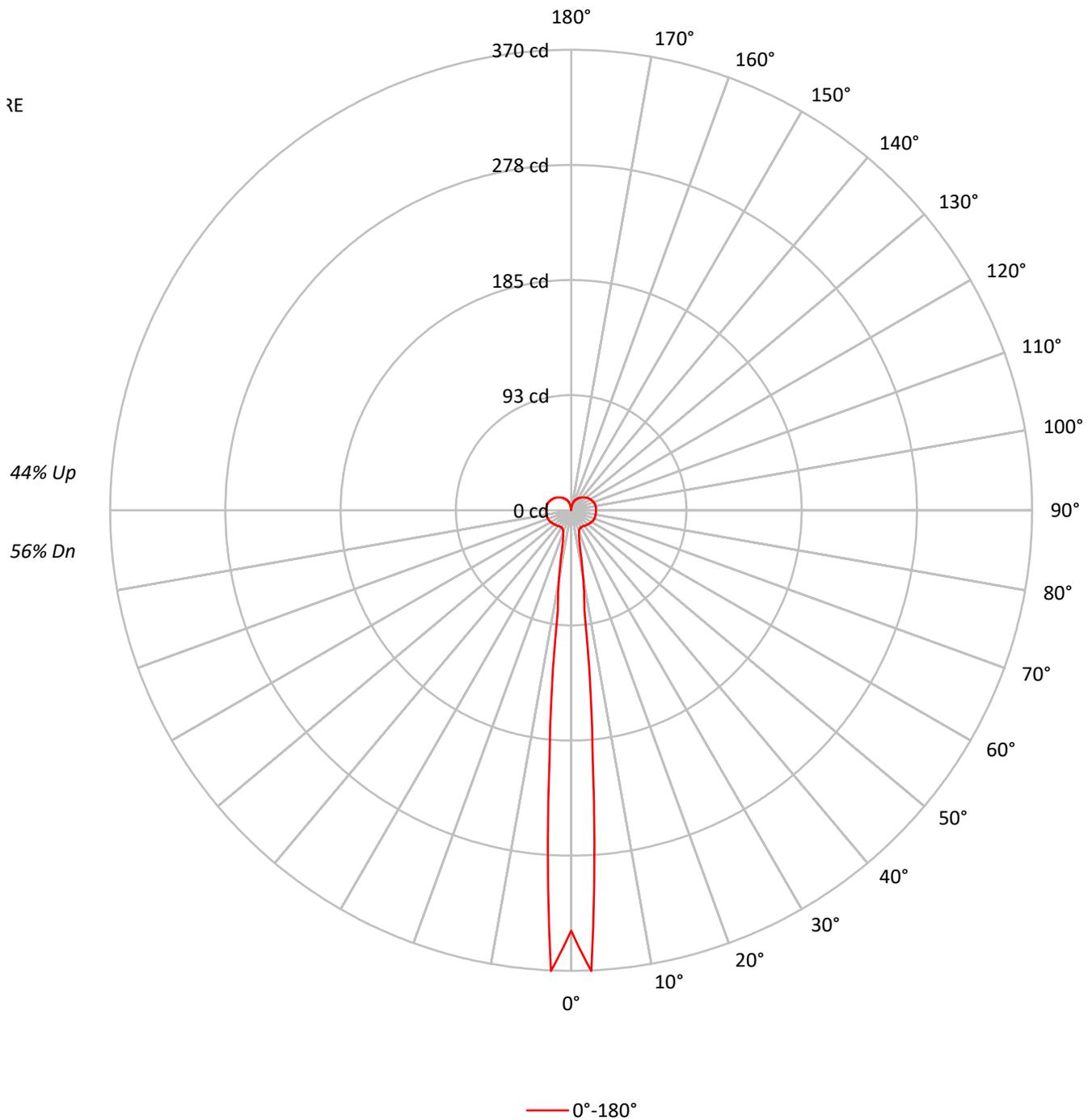
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 233.0 lumens
Efficiency: N/A
Efficacy: 41.6 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): 5.6
Input Voltage (V): NR
Input Current (A_{in}): 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°	10684
5°	4899
10°	1143
15°	435
20°	282
25°	225
30°	199
35°	186
40°	180
45°	177
50°	175
55°	176
60°	178
65°	180
70°	183
75°	184
80°	185
85°	188

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 90°
 Luminance: 193 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	14.2	6.1
10°-20°	7.8	3.4
20°-30°	7.6	3.3
30°-40°	10.0	4.3
40°-50°	13.1	5.6
50°-60°	16.4	7.0
60°-70°	19.3	8.3
70°-80°	21.1	9.0
80°-90°	21.8	9.3
90°-100°	21.8	9.4
100°-110°	20.8	8.9
110°-120°	18.3	7.9
120°-130°	15.1	6.5
130°-140°	11.4	4.9
140°-150°	7.7	3.3
150°-160°	4.5	1.9
160°-170°	1.9	0.8
170°-180°	0.2	0.1
0°-30°	29.7	12.8
0°-40°	39.8	17.1
0°-60°	69.3	29.7
0°-90°	131.4	56.4
90°-120°	60.9	26.1
90°-150°	95.1	40.8
90°-180°	102.0	43.8
0°-180°	233.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	338	
5°	199	14
15°	25	8
25°	16	8
35°	16	10
45°	17	13
55°	18	16
65°	19	19
75°	20	21
85°	20	16
90°	20	11
95°	20	16
105°	20	21
115°	18	18
125°	17	15
135°	15	11
145°	12	8
155°	10	5
165°	7	2
175°	1	0
180°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	337.7
2.5°	370.5
5°	198.6
7.5°	80.8
10°	56.2
12.5°	34.4
15°	25.0
17.5°	20.8
20°	18.4
22.5°	17.1
25°	16.3
27.5°	15.9
30°	15.8
32.5°	15.8
35°	15.9
37.5°	16.0
40°	16.4
42.5°	16.6
45°	17.0
47.5°	17.3
50°	17.5
52.5°	17.9
55°	18.2
57.5°	18.6
60°	18.8
62.5°	19.2
65°	19.4
67.5°	19.7
70°	19.8
72.5°	19.9
75°	20.0
77.5°	19.9
80°	19.9
82.5°	19.9
85°	20.0
87.5°	20.0
90°	20.0
92.5°	20.0
95°	20.0
97.5°	20.0
100°	19.9
102.5°	19.8
105°	19.7
107.5°	19.4
110°	19.2

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CANDELA DISTRIBUTION (continued):

	0°
112.5°	18.8
115°	18.5
117.5°	18.1
120°	17.7
122.5°	17.3
125°	16.8
127.5°	16.4
130°	15.8
132.5°	15.3
135°	14.7
137.5°	14.0
140°	13.5
142.5°	12.9
145°	12.2
147.5°	11.6
150°	11.0
152.5°	10.3
155°	9.7
157.5°	9.0
160°	8.3
162.5°	7.5
165°	6.6
167.5°	5.3
170°	3.6
172.5°	2.2
175°	0.9
177.5°	0.2
180°	0.1



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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	1.6	2.6	2.5	3.6	4.7	1.6	2.6	2.5	3.6	4.7
	3H	4.6	5.6	5.5	6.5	7.7	4.6	5.6	5.5	6.5	7.7
	4H	6.0	7.0	6.9	7.9	9.1	6.0	7.0	6.9	7.9	9.1
	6H	7.4	8.3	8.4	9.2	10.4	7.4	8.3	8.4	9.2	10.4
	8H	8.1	8.9	9.0	9.9	11.1	8.1	8.9	9.0	9.9	11.1
	12H	8.8	9.5	9.7	10.5	11.7	8.8	9.5	9.7	10.5	11.7
4H	2H	2.4	3.3	3.3	4.2	5.4	2.4	3.3	3.3	4.2	5.4
	3H	5.6	6.4	6.5	7.3	8.5	5.6	6.4	6.5	7.3	8.5
	4H	7.1	7.9	8.1	8.8	10.1	7.1	7.9	8.1	8.8	10.1
	6H	8.7	9.4	9.6	10.3	11.6	8.7	9.4	9.6	10.3	11.6
	8H	9.5	10.1	10.4	11.1	12.3	9.5	10.1	10.4	11.1	12.3
	12H	10.2	10.8	11.2	11.8	13.0	10.2	10.8	11.2	11.8	13.0
8H	4H	7.7	8.3	8.6	9.2	10.5	7.7	8.3	8.6	9.2	10.5
	6H	9.4	9.9	10.4	11.0	12.2	9.4	9.9	10.4	11.0	12.2
	8H	10.3	10.8	11.3	11.8	13.1	10.3	10.8	11.3	11.8	13.1
	12H	11.3	11.7	12.2	12.7	14.0	11.3	11.7	12.2	12.7	14.0
12H	4H	7.8	8.3	8.7	9.3	10.6	7.8	8.3	8.7	9.3	10.6
	6H	9.6	10.1	10.6	11.1	12.4	9.6	10.1	10.6	11.1	12.4
	8H	10.6	11.0	11.6	12.0	13.3	10.6	11.0	11.6	12.0	13.3

(END OF REPORT)