

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: P1245152

Luminaire Tested: PRLX-NIM-M-930-03L-U-NL

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1245152
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2412-299-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PrentaLux
Catalog Number: PRLX-NIM-M-930-03L-U-NL
Description: 3D PRINTED PENDANT LED LUMINAIRE, MEDIUM LIGHT ENGINE, NATURAL LINES SHADE TEXT LIGHT LEVEL 2
Light Source: -
Ballast/Driver: -

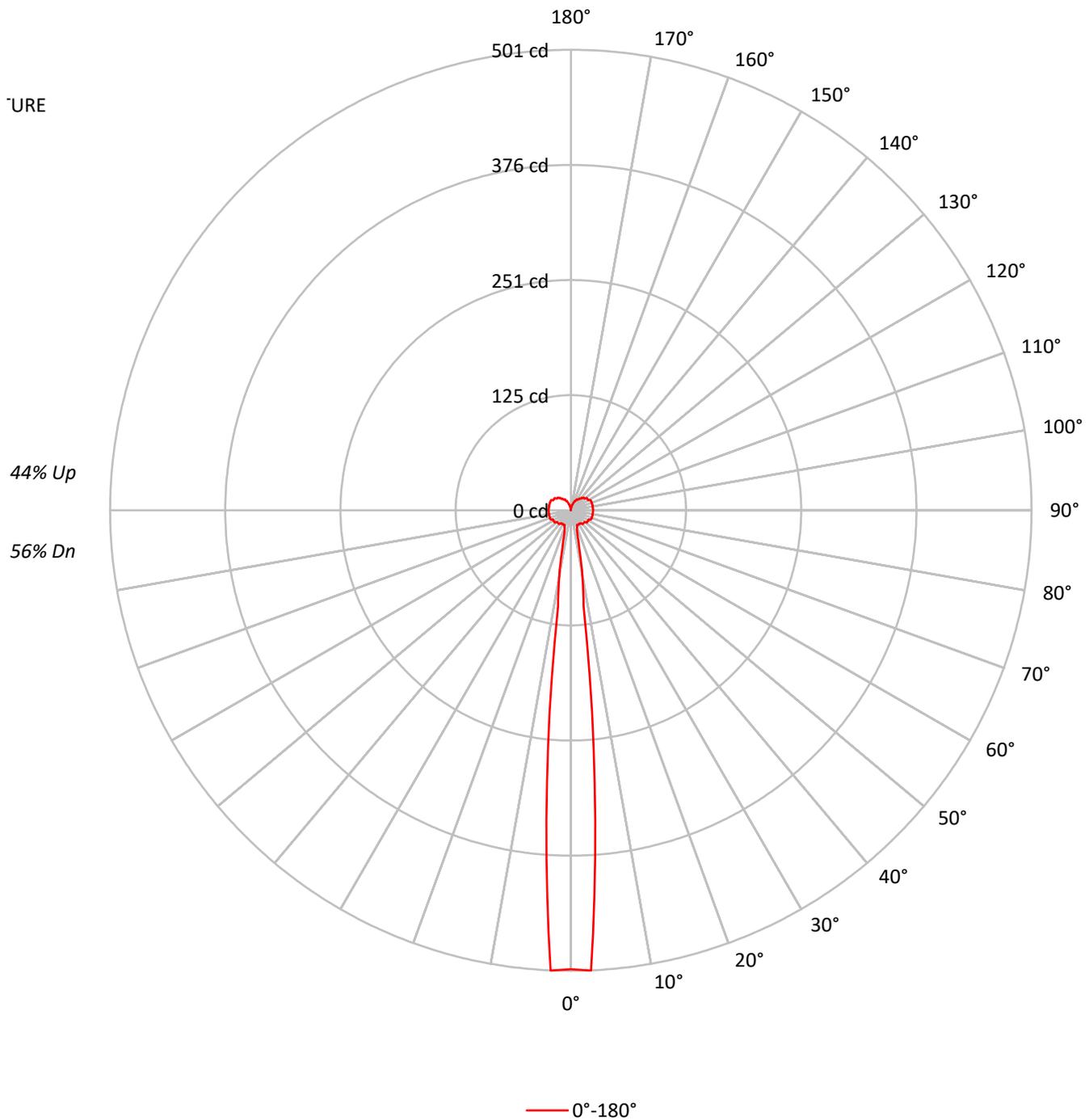
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 284.1 lumens
Efficiency: N/A
Efficacy: 25.6 lumens/watt
Spacing Criteria (0/90/45): 0.2 / 0.2 / 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 (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	108	108	108	108	101	101	101	101	86	86	86		73	73	73		61	61	61	56
1	95	89	83	78	88	82	77	73	70	66	63		58	55	53		48	46	44	38
2	85	76	68	62	78	70	63	58	60	54	50		50	46	42		40	37	35	30
3	77	66	58	51	71	61	54	47	52	46	41		43	39	35		35	32	29	25
4	71	59	50	43	65	54	46	40	46	40	35		39	34	30		32	28	25	21
5	65	52	43	37	60	49	41	35	42	35	30		35	30	26		29	25	22	18
6	60	47	39	32	56	44	36	30	38	31	27		32	27	23		27	23	20	17
7	56	43	35	29	52	40	33	27	35	29	24		30	25	21		25	21	18	15
8	53	40	32	26	49	37	30	25	32	26	22		28	23	19		23	19	16	14
9	49	37	29	24	46	34	27	22	30	24	20		26	21	18		22	18	15	13
10	47	34	27	22	43	32	25	21	28	22	19		24	20	17		21	17	15	13

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	25583
5°	11212
10°	2162
15°	713
20°	426
25°	335
30°	303
35°	279
40°	292
45°	276
50°	262
55°	281
60°	272
65°	293
70°	289
75°	287
80°	288
85°	290

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 90°
 Luminance: 295 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.9	7.0
10°-20°	9.1	3.2
20°-30°	8.2	2.9
30°-40°	11.2	3.9
40°-50°	15.3	5.4
50°-60°	19.4	6.8
60°-70°	23.1	8.1
70°-80°	25.5	9.0
80°-90°	26.3	9.3
90°-100°	26.3	9.3
100°-110°	25.5	9.0
110°-120°	23.7	8.3
120°-130°	19.4	6.8
130°-140°	14.7	5.2
140°-150°	9.3	3.3
150°-160°	5.4	1.9
160°-170°	1.8	0.6
170°-180°	0.2	0.1
0°-30°	37.2	13.1
0°-40°	48.3	17.0
0°-60°	83.0	29.2
0°-90°	157.9	55.6
90°-120°	75.4	26.6
90°-150°	118.8	41.8
90°-180°	126.0	44.4
0°-180°	284.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	499	
5°	298	20
15°	28	9
25°	18	8
35°	18	11
45°	20	15
55°	22	19
65°	24	23
75°	24	25
85°	24	20
90°	24	13
95°	24	20
105°	24	25
115°	24	24
125°	22	19
135°	20	15
145°	15	9
155°	11	5
165°	7	2
175°	0	0
180°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	499.2
2.5°	501.3
5°	297.7
7.5°	105.1
10°	72.2
12.5°	41.6
15°	28.5
17.5°	21.9
20°	19.7
22.5°	17.5
25°	17.5
27.5°	17.5
30°	17.5
32.5°	17.5
35°	17.5
37.5°	17.5
40°	19.7
42.5°	19.7
45°	19.7
47.5°	19.7
50°	19.7
52.5°	21.9
55°	21.9
57.5°	21.9
60°	21.9
62.5°	21.9
65°	24.1
67.5°	24.1
70°	24.1
72.5°	24.1
75°	24.1
77.5°	24.1
80°	24.1
82.5°	24.1
85°	24.1
87.5°	24.1
90°	24.1
92.5°	24.1
95°	24.1
97.5°	24.1
100°	24.1
102.5°	24.1
105°	24.1
107.5°	24.1
110°	24.1

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CANDELA DISTRIBUTION (continued):

	0°
112.5°	24.1
115°	24.1
117.5°	24.1
120°	21.9
122.5°	21.9
125°	21.9
127.5°	21.9
130°	19.7
132.5°	19.7
135°	19.7
137.5°	17.5
140°	17.5
142.5°	15.3
145°	15.3
147.5°	13.1
150°	13.1
152.5°	13.1
155°	10.9
157.5°	10.9
160°	8.8
162.5°	6.6
165°	6.6
167.5°	4.4
170°	4.4
172.5°	2.2
175°	0.0
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	3.0	4.0	3.9	4.9	6.1	3.0	4.0	3.9	4.9	6.1
	3H	6.1	7.1	7.0	8.0	9.2	6.1	7.1	7.0	8.0	9.2
	4H	7.5	8.4	8.5	9.4	10.6	7.5	8.4	8.5	9.4	10.6
	6H	8.9	9.8	9.9	10.7	12.0	8.9	9.8	9.9	10.7	12.0
	8H	9.6	10.4	10.5	11.4	12.6	9.6	10.4	10.5	11.4	12.6
	12H	10.3	11.0	11.2	12.0	13.2	10.3	11.0	11.2	12.0	13.2
4H	2H	3.8	4.7	4.7	5.7	6.9	3.8	4.7	4.7	5.7	6.9
	3H	7.1	7.9	8.0	8.8	10.1	7.1	7.9	8.0	8.8	10.1
	4H	8.6	9.4	9.6	10.3	11.6	8.6	9.4	9.6	10.3	11.6
	6H	10.2	10.9	11.1	11.8	13.1	10.2	10.9	11.1	11.8	13.1
	8H	11.0	11.6	11.9	12.6	13.8	11.0	11.6	11.9	12.6	13.8
	12H	11.7	12.3	12.7	13.3	14.5	11.7	12.3	12.7	13.3	14.5
8H	4H	9.2	9.8	10.1	10.7	12.0	9.2	9.8	10.1	10.7	12.0
	6H	10.9	11.4	11.9	12.5	13.7	10.9	11.4	11.9	12.5	13.7
	8H	11.8	12.3	12.8	13.3	14.6	11.8	12.3	12.8	13.3	14.6
	12H	12.7	13.2	13.7	14.2	15.5	12.7	13.2	13.7	14.2	15.5
12H	4H	9.3	9.8	10.2	10.8	12.1	9.3	9.8	10.2	10.8	12.1
	6H	11.1	11.6	12.1	12.6	13.9	11.1	11.6	12.1	12.6	13.9
	8H	12.1	12.5	13.1	13.5	14.8	12.1	12.5	13.1	13.5	14.8

(END OF REPORT)