

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: P1244819

Luminaire Tested: PRLX-MIN-L-930-16L-U-NL

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1244819  
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-930-16L-U-NL  
Description: 3D PRINTED PENDANT LED LUMINAIRE, LARGE LIGHT ENGINE, NATURAL LINES SHADE TEXTUF  
LIGHT LEVEL 5  
Light Source: -  
Ballast/Driver: -

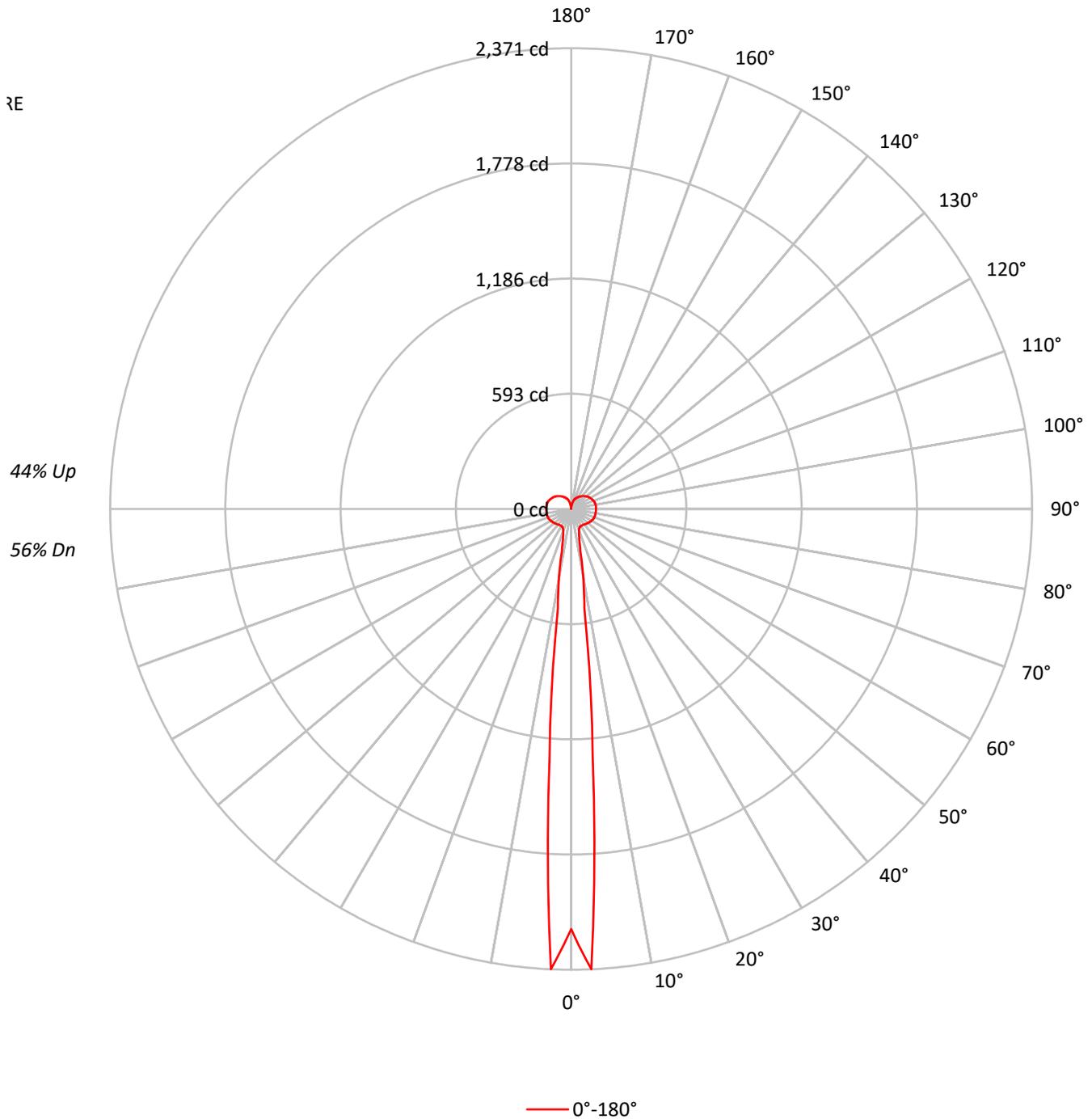
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1491.1 lumens  
Efficiency: N/A  
Efficacy: 38.4 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): 38.8  
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°	68372
5°	31353
10°	7308
15°	2790
20°	1801
25°	1435
30°	1275
35°	1191
40°	1152
45°	1133
50°	1124
55°	1132
60°	1139
65°	1156
70°	1167
75°	1180
80°	1181
85°	1205

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 90°  
 Luminance: 1232 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	91.2	6.1
10°-20°	50.2	3.4
20°-30°	48.9	3.3
30°-40°	64.2	4.3
40°-50°	84.1	5.6
50°-60°	104.7	7.0
60°-70°	123.2	8.3
70°-80°	134.8	9.0
80°-90°	139.4	9.3
90°-100°	139.6	9.4
100°-110°	132.7	8.9
110°-120°	117.4	7.9
120°-130°	96.6	6.5
130°-140°	72.9	4.9
140°-150°	49.3	3.3
150°-160°	28.9	1.9
160°-170°	11.9	0.8
170°-180°	1.2	0.1
0°-30°	190.3	12.8
0°-40°	254.4	17.1
0°-60°	443.3	29.7
0°-90°	840.7	56.4
90°-120°	389.6	26.1
90°-150°	608.5	40.8
90°-180°	650.0	43.6
0°-180°	1491.1	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	2161	
5°	1271	91
15°	160	50
25°	104	49
35°	102	64
45°	108	84
55°	117	105
65°	124	123
75°	128	135
85°	128	104
90°	128	70
95°	128	104
105°	126	133
115°	118	117
125°	108	97
135°	94	73
145°	78	49
155°	62	29
165°	42	12
175°	6	1
180°	1	

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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	2161.2
2.5°	2370.8
5°	1271.1
7.5°	517.3
10°	359.3
12.5°	220.1
15°	160.2
17.5°	133.3
20°	117.5
22.5°	109.3
25°	104.1
27.5°	101.8
30°	101.1
32.5°	101.1
35°	101.8
37.5°	102.6
40°	104.8
42.5°	106.3
45°	108.5
47.5°	110.8
50°	112.3
52.5°	114.5
55°	116.8
57.5°	119.0
60°	120.5
62.5°	122.8
65°	124.3
67.5°	125.8
70°	126.5
72.5°	127.3
75°	128.0
77.5°	127.3
80°	127.3
82.5°	127.3
85°	128.0
87.5°	128.0
90°	128.0
92.5°	128.0
95°	128.0
97.5°	128.0
100°	127.3
102.5°	126.5
105°	125.8
107.5°	124.3
110°	122.8

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**CANDELA DISTRIBUTION (continued):**

	0°
112.5°	120.5
115°	118.3
117.5°	116.0
120°	113.0
122.5°	110.8
125°	107.8
127.5°	104.8
130°	101.1
132.5°	98.1
135°	94.3
137.5°	89.8
140°	86.1
142.5°	82.3
145°	77.9
147.5°	74.1
150°	70.4
152.5°	65.9
155°	62.1
157.5°	57.6
160°	53.2
162.5°	47.9
165°	41.9
167.5°	33.7
170°	23.2
172.5°	14.2
175°	6.0
177.5°	1.5
180°	0.7



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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	8.1	9.1	8.9	10.0	11.2	8.1	9.1	8.9	10.0	11.2
	3H	11.1	12.0	11.9	12.9	14.1	11.1	12.0	11.9	12.9	14.1
	4H	12.5	13.4	13.4	14.3	15.5	12.5	13.4	13.4	14.3	15.5
	6H	13.9	14.7	14.8	15.7	16.9	13.9	14.7	14.8	15.7	16.9
	8H	14.5	15.4	15.5	16.3	17.5	14.5	15.4	15.5	16.3	17.5
	12H	15.2	16.0	16.1	16.9	18.2	15.2	16.0	16.1	16.9	18.2
4H	2H	8.8	9.7	9.7	10.7	11.9	8.8	9.7	9.7	10.7	11.9
	3H	12.0	12.8	12.9	13.8	15.0	12.0	12.8	12.9	13.8	15.0
	4H	13.6	14.3	14.5	15.3	16.5	13.6	14.3	14.5	15.3	16.5
	6H	15.1	15.8	16.1	16.8	18.0	15.1	15.8	16.1	16.8	18.0
	8H	15.9	16.5	16.8	17.5	18.8	15.9	16.5	16.8	17.5	18.8
	12H	16.7	17.2	17.6	18.2	19.5	16.7	17.2	17.6	18.2	19.5
8H	4H	14.1	14.7	15.0	15.7	16.9	14.1	14.7	15.0	15.7	16.9
	6H	15.9	16.4	16.8	17.4	18.6	15.9	16.4	16.8	17.4	18.6
	8H	16.8	17.2	17.7	18.2	19.5	16.8	17.2	17.7	18.2	19.5
	12H	17.7	18.1	18.7	19.1	20.4	17.7	18.1	18.7	19.1	20.4
12H	4H	14.2	14.8	15.2	15.8	17.0	14.2	14.8	15.2	15.8	17.0
	6H	16.0	16.5	17.0	17.5	18.8	16.0	16.5	17.0	17.5	18.8
	8H	17.0	17.5	18.0	18.5	19.8	17.0	17.5	18.0	18.5	19.8

(END OF REPORT)