

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: P1244825

Luminaire Tested: PRLX-MIN-L-930-23L-U-NL

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1244825  
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-930-23L-U-NL  
Description: 3D PRINTED PENDANT LED LUMINAIRE, LARGE LIGHT ENGINE, NATURAL LINES SHADE TEXTUF  
LIGHT LEVEL 7  
Light Source: -  
Ballast/Driver: -

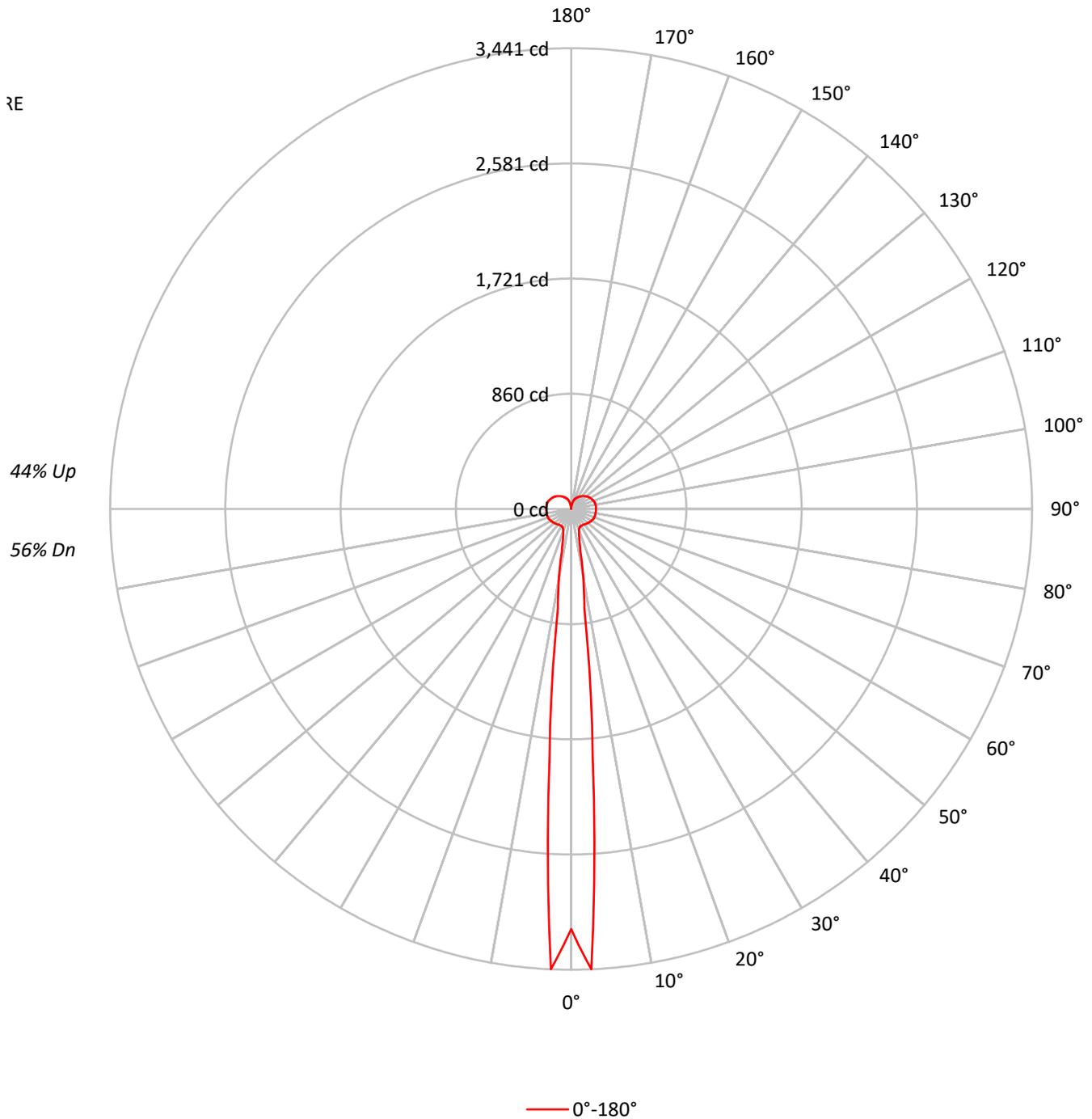
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2164.0 lumens  
Efficiency: N/A  
Efficacy: 37.2 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): 58.2  
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	37	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°	99234
5°	45506
10°	10607
15°	4049
20°	2615
25°	2082
30°	1850
35°	1729
40°	1672
45°	1644
50°	1632
55°	1642
60°	1654
65°	1678
70°	1694
75°	1712
80°	1714
85°	1749

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 90°  
 Luminance: 1789 cd/sqm

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	132.3	6.1
10°-20°	72.8	3.4
20°-30°	71.0	3.3
30°-40°	93.2	4.3
40°-50°	122.1	5.6
50°-60°	152.1	7.0
60°-70°	178.8	8.3
70°-80°	195.5	9.0
80°-90°	202.3	9.3
90°-100°	202.6	9.4
100°-110°	192.6	8.9
110°-120°	170.4	7.9
120°-130°	140.3	6.5
130°-140°	105.8	4.9
140°-150°	71.5	3.3
150°-160°	41.9	1.9
160°-170°	17.2	0.8
170°-180°	1.7	0.1
0°-30°	276.1	12.8
0°-40°	369.3	17.1
0°-60°	643.5	29.7
0°-90°	1220.1	56.4
90°-120°	565.5	26.1
90°-150°	883.1	40.8
90°-180°	944.0	43.6
0°-180°	2164.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	3137	
5°	1845	132
15°	232	73
25°	151	71
35°	148	93
45°	158	122
55°	170	152
65°	180	179
75°	186	196
85°	186	151
90°	186	102
95°	186	152
105°	182	193
115°	172	170
125°	156	140
135°	137	106
145°	113	72
155°	90	42
165°	61	17
175°	9	2
180°	1	

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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	3136.7
2.5°	3441.0
5°	1844.9
7.5°	750.8
10°	521.5
12.5°	319.4
15°	232.5
17.5°	193.4
20°	170.6
22.5°	158.6
25°	151.0
27.5°	147.8
30°	146.7
32.5°	146.7
35°	147.8
37.5°	148.9
40°	152.1
42.5°	154.3
45°	157.5
47.5°	160.8
50°	163.0
52.5°	166.2
55°	169.5
57.5°	172.8
60°	174.9
62.5°	178.2
65°	180.4
67.5°	182.5
70°	183.6
72.5°	184.7
75°	185.8
77.5°	184.7
80°	184.7
82.5°	184.7
85°	185.8
87.5°	185.8
90°	185.8
92.5°	185.8
95°	185.8
97.5°	185.8
100°	184.7
102.5°	183.6
105°	182.5
107.5°	180.4
110°	178.2

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**CANDELA DISTRIBUTION (continued):**

	0°
112.5°	174.9
115°	171.7
117.5°	168.4
120°	164.1
122.5°	160.8
125°	156.5
127.5°	152.1
130°	146.7
132.5°	142.3
135°	136.9
137.5°	130.4
140°	124.9
142.5°	119.5
145°	113.0
147.5°	107.6
150°	102.1
152.5°	95.6
155°	90.2
157.5°	83.7
160°	77.1
162.5°	69.5
165°	60.8
167.5°	48.9
170°	33.7
172.5°	20.6
175°	8.7
177.5°	2.2
180°	1.1



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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	9.4	10.4	10.2	11.3	12.5	9.4	10.4	10.2	11.3	12.5
	3H	12.3	13.3	13.2	14.2	15.4	12.3	13.3	13.2	14.2	15.4
	4H	13.8	14.7	14.7	15.6	16.8	13.8	14.7	14.7	15.6	16.8
	6H	15.2	16.0	16.1	17.0	18.2	15.2	16.0	16.1	17.0	18.2
	8H	15.8	16.7	16.8	17.6	18.8	15.8	16.7	16.8	17.6	18.8
	12H	16.5	17.3	17.4	18.2	19.5	16.5	17.3	17.4	18.2	19.5
4H	2H	10.1	11.0	11.0	12.0	13.2	10.1	11.0	11.0	12.0	13.2
	3H	13.3	14.1	14.2	15.1	16.3	13.3	14.1	14.2	15.1	16.3
	4H	14.9	15.6	15.8	16.6	17.8	14.9	15.6	15.8	16.6	17.8
	6H	16.4	17.1	17.4	18.1	19.3	16.4	17.1	17.4	18.1	19.3
	8H	17.2	17.8	18.1	18.8	20.0	17.2	17.8	18.1	18.8	20.0
	12H	18.0	18.5	18.9	19.5	20.8	18.0	18.5	18.9	19.5	20.8
8H	4H	15.4	16.0	16.3	17.0	18.2	15.4	16.0	16.3	17.0	18.2
	6H	17.1	17.7	18.1	18.7	19.9	17.1	17.7	18.1	18.7	19.9
	8H	18.1	18.5	19.0	19.5	20.8	18.1	18.5	19.0	19.5	20.8
	12H	19.0	19.4	20.0	20.4	21.7	19.0	19.4	20.0	20.4	21.7
12H	4H	15.5	16.1	16.5	17.1	18.3	15.5	16.1	16.5	17.1	18.3
	6H	17.3	17.8	18.3	18.8	20.1	17.3	17.8	18.3	18.8	20.1
	8H	18.3	18.8	19.3	19.7	21.1	18.3	18.8	19.3	19.7	21.1

(END OF REPORT)