

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: P1244966

Luminaire Tested: PRLX-MIN-S-930-12L-U-NL

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1244966  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2412-299-10)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PrentaLux  
Catalog Number: PRLX-MIN-S-930-12L-U-NL  
Description: 3D PRINTED PENDANT LED LUMINAIRE, SMALL LIGHT ENGINE, NATURAL LINES SHADE TEXTURE  
LIGHT LEVEL 5  
Light Source: -  
Ballast/Driver: -

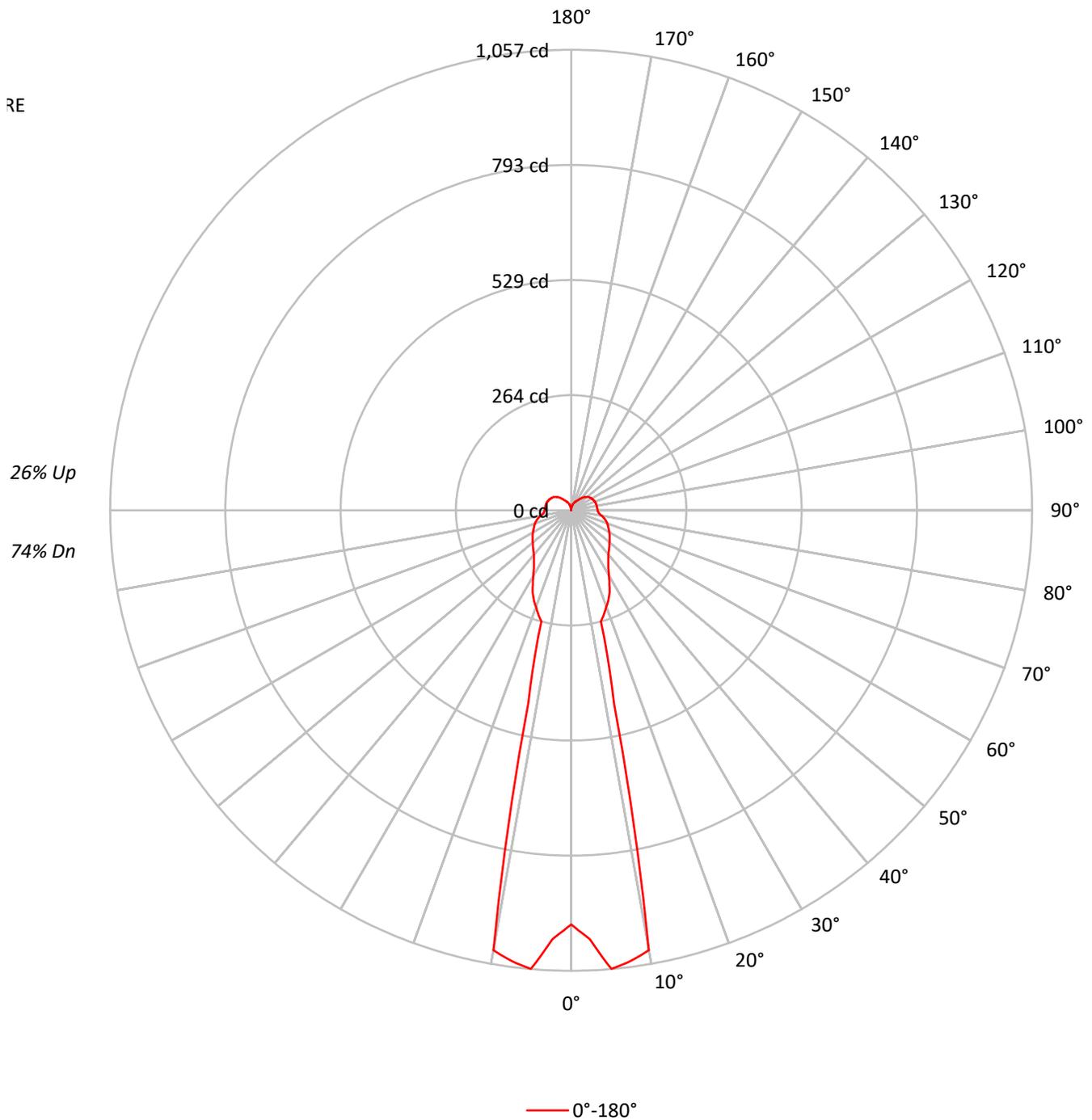
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1126.0 lumens  
Efficiency: N/A  
Efficacy: 39.0 lumens/watt  
Spacing Criteria (0/90/45): 0.43 / 0.43 / 0.38  
Luminous Opening: Rectangular w/ Sides (W: 0.62' x L: 0.62' x H: 0.87')  
CIE Type: Semi-Direct

Input Watts (W): 28.9  
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

TEST NUMBER: P1244966  
CATALOG NUMBER: PRLX-MIN-S-930-12L-U-NL

### 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	113	113	113	113	107	107	107	107	97	97	97		87	87	87		78	78	78	74
1	101	96	91	87	96	91	87	83	82	79	76		74	71	69		66	64	62	58
2	92	84	77	71	87	80	73	68	72	67	63		65	61	57		58	55	52	49
3	85	74	66	60	80	71	63	58	64	58	53		58	53	49		52	48	45	42
4	78	67	58	52	74	63	56	50	58	51	46		52	47	43		47	43	40	37
5	72	60	52	46	68	58	50	44	53	46	41		48	43	38		44	39	36	33
6	67	55	47	41	64	53	45	39	48	42	37		44	39	35		40	36	33	30
7	63	51	42	37	60	49	41	36	45	38	34		41	36	32		38	33	30	28
8	59	47	39	34	56	45	38	33	42	35	31		38	33	29		35	31	28	26
9	56	44	36	31	53	42	35	30	39	33	29		36	31	27		33	29	26	24
10	53	41	34	29	50	39	33	28	37	31	27		34	29	26		32	27	24	23

**AVERAGE LUMINANCE (cd/sqm):**

	0°
0°	26194
5°	26054
10°	23043
15°	5484
20°	4584
25°	3848
30°	3059
35°	2528
40°	2204
45°	2009
50°	1850
55°	1734
60°	1630
65°	1538
70°	1470
75°	1379
80°	1262
85°	1178

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 2009 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	98.6	8.8
10°-20°	104.0	9.2
20°-30°	94.8	8.4
30°-40°	93.7	8.3
40°-50°	95.4	8.5
50°-60°	96.6	8.6
60°-70°	93.6	8.3
70°-80°	84.6	7.5
80°-90°	69.6	6.2
90°-100°	65.3	5.8
100°-110°	62.3	5.5
110°-120°	55.7	4.9
120°-130°	46.1	4.1
130°-140°	32.9	2.9
140°-150°	18.9	1.7
150°-160°	9.8	0.9
160°-170°	3.8	0.3
170°-180°	0.3	0.0
0°-30°	297.4	26.4
0°-40°	391.1	34.7
0°-60°	583.1	51.8
0°-90°	830.9	73.8
90°-120°	183.3	16.3
90°-150°	281.2	25.0
90°-180°	295.0	26.2
0°-180°	1126.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	951	
5°	1057	99
15°	264	104
25°	209	95
35°	148	94
45°	123	95
55°	108	97
65°	94	94
75°	80	85
85°	63	53
90°	60	33
95°	60	49
105°	59	62
115°	56	56
125°	52	46
135°	42	33
145°	29	19
155°	21	10
165°	13	4
175°	1	0
180°	0	

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CATALOG NUMBER: PRLX-MIN-S-930-12L-U-NL

**CANDELA DISTRIBUTION (FULL):**

0°	
0°	950.6
2.5°	985.1
5°	1056.6
7.5°	1043.7
10°	1025.6
12.5°	453.7
15°	263.9
17.5°	250.1
20°	235.5
22.5°	223.4
25°	208.7
27.5°	189.8
30°	173.4
32.5°	158.7
35°	148.4
37.5°	139.7
40°	132.8
42.5°	127.7
45°	123.3
47.5°	119.0
50°	114.7
52.5°	111.3
55°	107.8
57.5°	104.4
60°	100.9
62.5°	97.5
65°	94.0
67.5°	91.4
70°	88.0
72.5°	84.5
75°	80.2
77.5°	75.9
80°	70.7
82.5°	65.6
85°	63.0
87.5°	61.2
90°	60.4
92.5°	60.4
95°	59.5
97.5°	59.5
100°	59.5
102.5°	59.5
105°	58.7
107.5°	58.7
110°	57.8



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CATALOG NUMBER: PRLX-MIN-S-930-12L-U-NL

**CANDELA DISTRIBUTION (continued):**

	0°
112.5°	56.9
115°	56.1
117.5°	55.2
120°	54.3
122.5°	52.6
125°	51.8
127.5°	50.0
130°	47.4
132.5°	45.7
135°	42.3
137.5°	39.7
140°	36.2
142.5°	32.8
145°	29.3
147.5°	26.7
150°	25.0
152.5°	23.3
155°	20.7
157.5°	19.0
160°	17.3
162.5°	15.5
165°	12.9
167.5°	10.4
170°	6.9
172.5°	3.5
175°	0.9
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	10.6	11.7	11.3	12.5	13.4	10.6	11.7	11.3	12.5	13.4
	3H	12.9	14.0	13.6	14.7	15.6	12.9	14.0	13.6	14.7	15.6
	4H	14.0	15.0	14.7	15.7	16.6	14.0	15.0	14.7	15.7	16.6
	6H	14.9	15.8	15.7	16.6	17.6	14.9	15.8	15.7	16.6	17.6
	8H	15.3	16.2	16.1	17.0	18.0	15.3	16.2	16.1	17.0	18.0
	12H	15.7	16.6	16.5	17.4	18.4	15.7	16.6	16.5	17.4	18.4
4H	2H	11.2	12.2	11.9	12.9	13.9	11.2	12.2	11.9	12.9	13.9
	3H	13.7	14.6	14.5	15.4	16.3	13.7	14.6	14.5	15.4	16.3
	4H	14.9	15.7	15.7	16.5	17.5	14.9	15.7	15.7	16.5	17.5
	6H	16.0	16.7	16.8	17.6	18.5	16.0	16.7	16.8	17.6	18.5
	8H	16.5	17.2	17.3	18.0	19.0	16.5	17.2	17.3	18.0	19.0
	12H	17.0	17.6	17.9	18.5	19.5	17.0	17.6	17.9	18.5	19.5
8H	4H	15.3	16.0	16.1	16.8	17.8	15.3	16.0	16.1	16.8	17.8
	6H	16.6	17.2	17.4	18.0	19.0	16.6	17.2	17.4	18.0	19.0
	8H	17.2	17.7	18.1	18.6	19.6	17.2	17.7	18.1	18.6	19.6
	12H	17.9	18.3	18.7	19.2	20.2	17.9	18.3	18.7	19.2	20.2
12H	4H	15.4	16.0	16.2	16.8	17.8	15.4	16.0	16.2	16.8	17.8
	6H	16.7	17.2	17.6	18.1	19.1	16.7	17.2	17.6	18.1	19.1
	8H	17.4	17.9	18.3	18.7	19.8	17.4	17.9	18.3	18.7	19.8

(END OF REPORT)