

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: P1244895

Luminaire Tested: PRLX-MIN-M-930-01L-U-OW

Issue Date: 1/30/2026

**Test Information**

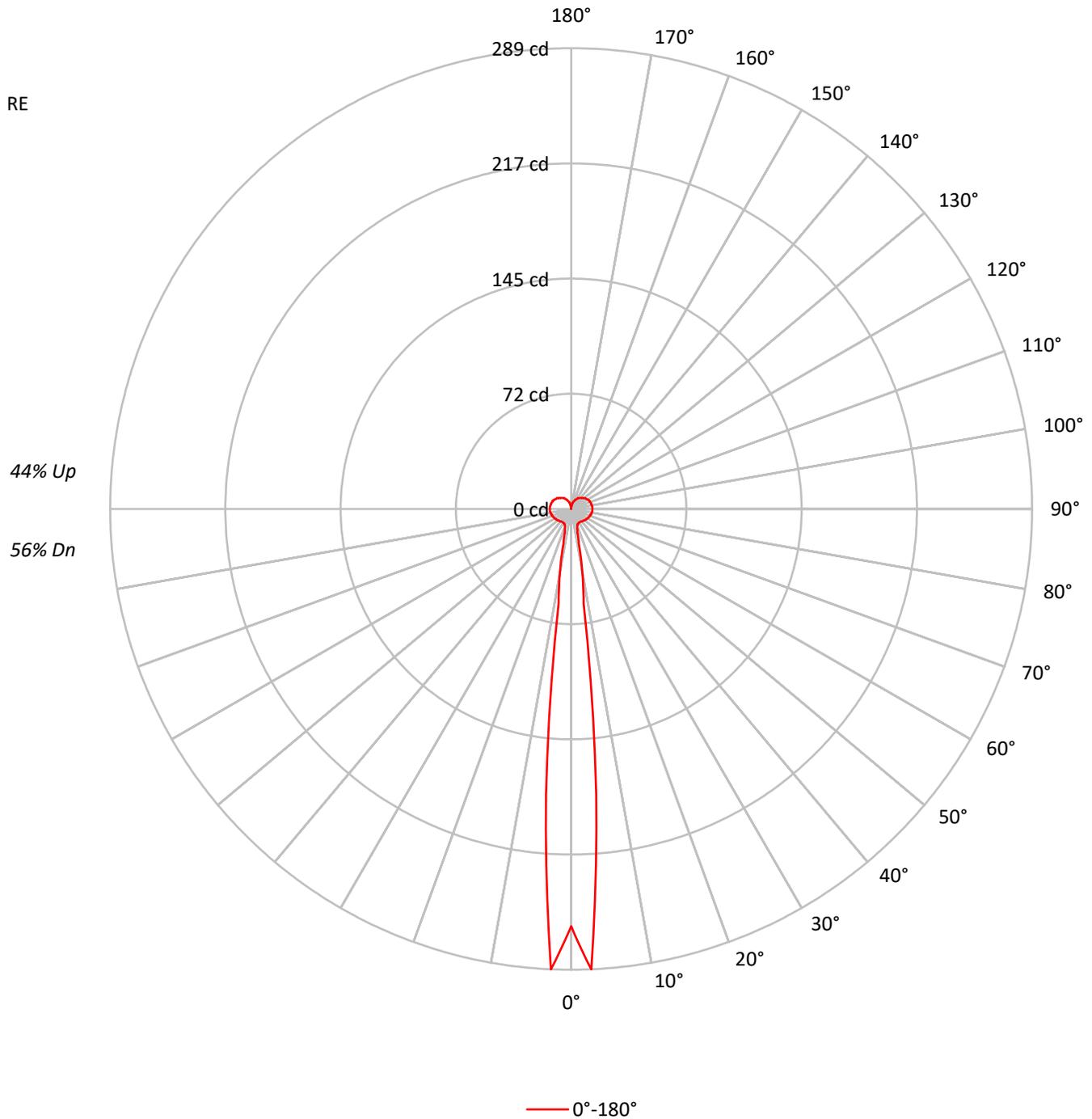
Test Method: LM-79-2019  
Report Number: P1244895  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2412-299-23)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PrentaLux  
Catalog Number: PRLX-MIN-M-930-01L-U-OW  
Description: 3D PRINTED PENDANT LED LUMINAIRE, MEDIUM LIGHT ENGINE, OPEN WEAVE SHADE TEXTU  
LIGHT LEVEL 1  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 153.9 lumens  
Efficiency: N/A  
Efficacy: 24.4 lumens/watt  
Spacing Criteria (0/90/45): 0.21 / 0.21 / 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): 6.3  
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: P1244895  
CATALOG NUMBER: PRLX-MIN-M-930-01L-U-OW

### Luminous Intensity Polar Plot





TEST NUMBER: P1244895

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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20					20						20								20		
RC	80					70						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	84	79		88	82	78	73		70	66	63		59	56	53		48	46	44	39
2	86	76	69	62		79	71	64	58		60	55	50		50	46	42		41	38	35	31
3	78	67	58	51		71	62	54	48		52	46	41		44	39	35		36	32	29	25
4	71	59	50	43		65	55	47	41		47	40	35		39	34	30		32	28	25	22
5	66	53	44	37		60	49	41	35		42	36	31		36	31	27		29	26	22	19
6	61	48	39	33		56	45	37	31		38	32	27		33	28	24		27	23	20	17
7	57	44	35	29		52	41	33	28		35	29	25		30	25	22		25	21	19	16
8	53	40	32	27		49	38	30	25		33	27	22		28	23	20		24	20	17	15
9	50	37	29	24		46	35	28	23		31	25	21		26	22	18		23	19	16	14
10	47	35	27	22		44	33	26	21		29	23	19		25	20	17		21	18	15	13

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

	0°
0°	13411
5°	6779
10°	1216
15°	388
20°	242
25°	195
30°	172
35°	158
40°	151
45°	148
50°	147
55°	146
60°	147
65°	148
70°	151
75°	154
80°	156
85°	160

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 90°  
 Luminance: 163 cd/sqm

TEST NUMBER: P1244895

CATALOG NUMBER: PRLX-MIN-M-930-01L-U-OW

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	11.5	7.5
10°-20°	5.0	3.3
20°-30°	4.8	3.1
30°-40°	6.3	4.1
40°-50°	8.2	5.3
50°-60°	10.2	6.6
60°-70°	12.1	7.9
70°-80°	13.6	8.9
80°-90°	14.5	9.4
90°-100°	14.5	9.4
100°-110°	13.7	8.9
110°-120°	12.3	8.0
120°-130°	10.1	6.6
130°-140°	7.7	5.0
140°-150°	5.2	3.4
150°-160°	2.9	1.9
160°-170°	1.2	0.8
170°-180°	0.1	0.1
0°-30°	21.3	13.8
0°-40°	27.6	17.9
0°-60°	46.0	29.9
0°-90°	86.3	56.0
90°-120°	40.5	26.3
90°-150°	63.4	41.2
90°-180°	68.0	44.2
0°-180°	153.9	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	262	
5°	180	12
15°	16	5
25°	10	5
35°	10	6
45°	11	8
55°	11	10
65°	12	12
75°	13	14
85°	13	11
90°	13	7
95°	13	11
105°	13	14
115°	12	12
125°	11	10
135°	10	8
145°	8	5
155°	6	3
165°	4	1
175°	0	0
180°	0	

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CATALOG NUMBER: PRLX-MIN-M-930-01L-U-OW

**CANDELA DISTRIBUTION (FULL):**

0°	
0°	261.7
2.5°	289.1
5°	180.0
7.5°	59.7
10°	40.6
12.5°	22.2
15°	15.5
17.5°	12.7
20°	11.2
22.5°	10.6
25°	10.2
27.5°	9.9
30°	9.9
32.5°	9.9
35°	9.9
37.5°	10.0
40°	10.2
42.5°	10.4
45°	10.6
47.5°	10.8
50°	11.0
52.5°	11.2
55°	11.4
57.5°	11.6
60°	11.8
62.5°	12.0
65°	12.2
67.5°	12.4
70°	12.6
72.5°	12.7
75°	12.9
77.5°	13.1
80°	13.1
82.5°	13.3
85°	13.3
87.5°	13.3
90°	13.3
92.5°	13.3
95°	13.3
97.5°	13.3
100°	13.1
102.5°	13.1
105°	12.9
107.5°	12.9
110°	12.7

TEST NUMBER: P1244895

CATALOG NUMBER: PRLX-MIN-M-930-01L-U-OW

**CANDELA DISTRIBUTION (continued):**

	0°
112.5°	12.6
115°	12.4
117.5°	12.2
120°	11.8
122.5°	11.6
125°	11.2
127.5°	11.0
130°	10.6
132.5°	10.2
135°	9.9
137.5°	9.5
140°	9.1
142.5°	8.7
145°	8.3
147.5°	7.9
150°	7.3
152.5°	6.8
155°	6.4
157.5°	5.8
160°	5.2
162.5°	4.8
165°	4.1
167.5°	3.3
170°	2.3
172.5°	1.4
175°	0.4
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	0.7	1.7	1.6	2.7	3.8	0.7	1.7	1.6	2.7	3.8
	3H	3.8	4.7	4.6	5.6	6.8	3.8	4.7	4.6	5.6	6.8
	4H	5.2	6.1	6.1	7.1	8.3	5.2	6.1	6.1	7.1	8.3
	6H	6.7	7.6	7.6	8.5	9.7	6.7	7.6	7.6	8.5	9.7
	8H	7.4	8.2	8.3	9.2	10.4	7.4	8.2	8.3	9.2	10.4
	12H	8.1	8.9	9.0	9.8	11.1	8.1	8.9	9.0	9.8	11.1
4H	2H	1.5	2.4	2.4	3.3	4.5	1.5	2.4	2.4	3.3	4.5
	3H	4.7	5.5	5.6	6.5	7.7	4.7	5.5	5.6	6.5	7.7
	4H	6.3	7.1	7.3	8.0	9.3	6.3	7.1	7.3	8.0	9.3
	6H	8.0	8.6	8.9	9.6	10.8	8.0	8.6	8.9	9.6	10.8
	8H	8.8	9.4	9.7	10.4	11.6	8.8	9.4	9.7	10.4	11.6
	12H	9.6	10.1	10.5	11.1	12.4	9.6	10.1	10.5	11.1	12.4
8H	4H	6.9	7.5	7.8	8.5	9.7	6.9	7.5	7.8	8.5	9.7
	6H	8.7	9.2	9.7	10.2	11.5	8.7	9.2	9.7	10.2	11.5
	8H	9.7	10.1	10.6	11.1	12.4	9.7	10.1	10.6	11.1	12.4
	12H	10.6	11.1	11.6	12.1	13.4	10.6	11.1	11.6	12.1	13.4
12H	4H	7.0	7.5	7.9	8.5	9.8	7.0	7.5	7.9	8.5	9.8
	6H	8.9	9.4	9.9	10.4	11.7	8.9	9.4	9.9	10.4	11.7
	8H	9.9	10.4	10.9	11.4	12.7	9.9	10.4	10.9	11.4	12.7

(END OF REPORT)