

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: P1245403

Luminaire Tested: PRLX-UNA-M-930-03L-U-PS

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1245403  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2412-299-24)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PrentaLux  
Catalog Number: PRLX-UNA-M-930-03L-U-PS  
Description: 3D PRINTED PENDANT LED LUMINAIRE, MEDIUM LIGHT ENGINE, PINSTRIPE SHADE TEXTURE LIGHT LEVEL 2  
Light Source: -  
Ballast/Driver: -

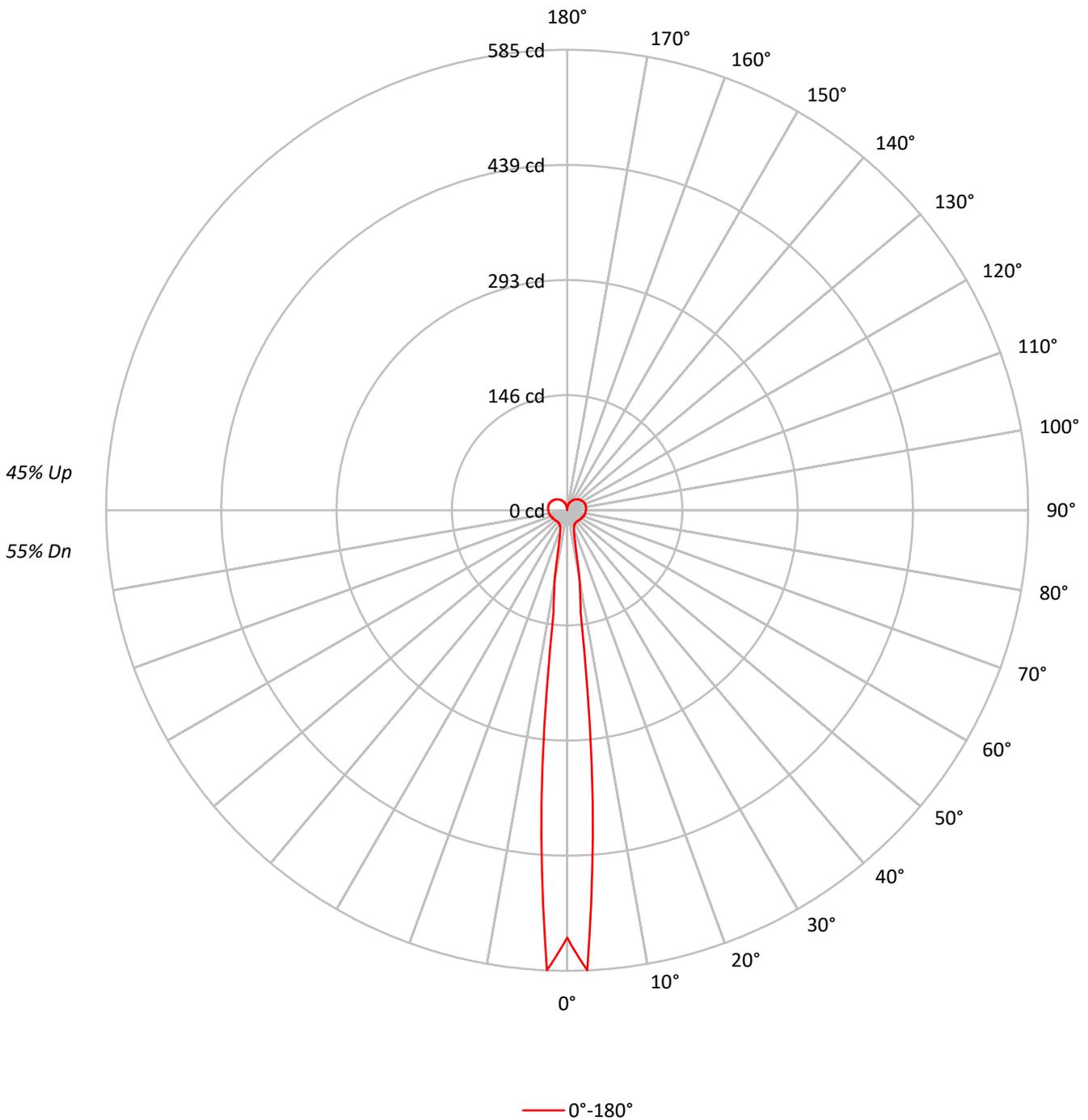
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 291.0 lumens  
Efficiency: N/A  
Efficacy: 26.2 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): 11.1  
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: P1245403

CATALOG NUMBER: PRLX-UNA-M-930-03L-U-PS

### Luminous Intensity Polar Plot





TEST NUMBER: P1245403

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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	55
1	95	90	84	79	88	83	78	74	70	67	64		59	56	54		48	46	45	39
2	86	77	70	63	79	71	65	59	61	56	51		51	47	43		42	39	36	31
3	78	68	59	53	72	63	55	49	53	48	43		45	40	36		37	33	30	26
4	72	60	51	45	66	56	48	42	48	42	37		40	35	32		33	30	27	23
5	67	54	45	39	61	50	43	37	43	37	32		37	32	28		31	27	24	21
6	62	49	41	34	57	46	38	33	40	33	29		34	29	25		28	25	22	19
7	58	45	37	31	53	42	35	29	37	31	26		31	27	23		27	23	20	17
8	54	41	34	28	50	39	32	27	34	28	24		29	25	21		25	21	19	16
9	51	38	31	26	47	36	29	25	32	26	22		28	23	20		24	20	17	15
10	48	36	29	24	45	34	27	23	30	24	21		26	22	19		23	19	17	15

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

	0°
0°	27817
5°	14078
10°	2705
15°	908
20°	543
25°	414
30°	341
35°	307
40°	280
45°	270
50°	262
55°	258
60°	259
65°	258
70°	264
75°	272
80°	276
85°	283

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 90°  
 Luminance: 293 cd/sqm



TEST NUMBER: P1245403

CATALOG NUMBER: PRLX-UNA-M-930-03L-U-PS

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	24.1	8.3
10°-20°	11.6	4.0
20°-30°	10.0	3.4
30°-40°	12.1	4.1
40°-50°	14.9	5.1
50°-60°	18.1	6.2
60°-70°	21.1	7.3
70°-80°	24.0	8.2
80°-90°	25.6	8.8
90°-100°	26.3	9.1
100°-110°	25.7	8.8
110°-120°	23.3	8.0
120°-130°	19.6	6.7
130°-140°	15.2	5.2
140°-150°	10.5	3.6
150°-160°	6.1	2.1
160°-170°	2.6	0.9
170°-180°	0.4	0.1
0°-30°	45.7	15.7
0°-40°	57.7	19.8
0°-60°	90.7	31.2
0°-90°	161.4	55.5
90°-120°	75.3	25.9
90°-150°	120.5	41.4
90°-180°	130.0	44.7
0°-180°	291.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	543	
5°	374	24
15°	36	12
25°	22	10
35°	19	12
45°	19	15
55°	20	18
65°	21	21
75°	23	24
85°	24	19
90°	24	13
95°	24	20
105°	24	26
115°	24	23
125°	22	20
135°	20	15
145°	17	10
155°	13	6
165°	9	3
175°	3	0
180°	0	

TEST NUMBER: P1245403

CATALOG NUMBER: PRLX-UNA-M-930-03L-U-PS

**CANDELA DISTRIBUTION (FULL):**

0°	
0°	542.8
2.5°	584.9
5°	373.8
7.5°	130.4
10°	90.3
12.5°	51.7
15°	36.3
17.5°	29.3
20°	25.1
22.5°	22.8
25°	21.6
27.5°	20.4
30°	19.7
32.5°	19.3
35°	19.3
37.5°	18.9
40°	18.9
42.5°	18.9
45°	19.3
47.5°	19.3
50°	19.7
52.5°	19.7
55°	20.1
57.5°	20.4
60°	20.8
62.5°	20.8
65°	21.2
67.5°	21.6
70°	22.0
72.5°	22.4
75°	22.8
77.5°	22.8
80°	23.1
82.5°	23.5
85°	23.5
87.5°	23.5
90°	23.9
92.5°	23.9
95°	24.3
97.5°	24.3
100°	24.3
102.5°	24.3
105°	24.3
107.5°	24.3
110°	23.9

TEST NUMBER: P1245403

CATALOG NUMBER: PRLX-UNA-M-930-03L-U-PS

**CANDELA DISTRIBUTION (continued):**

	0°
112.5°	23.9
115°	23.5
117.5°	23.1
120°	22.8
122.5°	22.4
125°	22.0
127.5°	21.2
130°	20.8
132.5°	20.1
135°	19.7
137.5°	18.9
140°	18.1
142.5°	17.4
145°	16.6
147.5°	15.8
150°	15.0
152.5°	13.9
155°	13.1
157.5°	12.0
160°	11.2
162.5°	10.0
165°	8.9
167.5°	7.7
170°	6.6
172.5°	4.6
175°	2.7
177.5°	1.2
180°	0.4



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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	2.4	3.4	3.3	4.4	5.5	2.4	3.4	3.3	4.4	5.5
	3H	5.4	6.4	6.3	7.3	8.5	5.4	6.4	6.3	7.3	8.5
	4H	6.9	7.8	7.9	8.8	10.0	6.9	7.8	7.9	8.8	10.0
	6H	8.4	9.2	9.3	10.2	11.4	8.4	9.2	9.3	10.2	11.4
	8H	9.1	9.9	10.0	10.9	12.1	9.1	9.9	10.0	10.9	12.1
	12H	9.8	10.6	10.8	11.5	12.8	9.8	10.6	10.8	11.5	12.8
4H	2H	3.2	4.1	4.1	5.0	6.2	3.2	4.1	4.1	5.0	6.2
	3H	6.4	7.2	7.3	8.1	9.3	6.4	7.2	7.3	8.1	9.3
	4H	8.0	8.8	9.0	9.7	11.0	8.0	8.8	9.0	9.7	11.0
	6H	9.7	10.3	10.6	11.3	12.5	9.7	10.3	10.6	11.3	12.5
	8H	10.5	11.1	11.4	12.1	13.3	10.5	11.1	11.4	12.1	13.3
	12H	11.3	11.8	12.3	12.8	14.1	11.3	11.8	12.3	12.8	14.1
8H	4H	8.6	9.2	9.5	10.1	11.4	8.6	9.2	9.5	10.1	11.4
	6H	10.4	10.9	11.4	11.9	13.2	10.4	10.9	11.4	11.9	13.2
	8H	11.4	11.8	12.3	12.8	14.1	11.4	11.8	12.3	12.8	14.1
	12H	12.3	12.8	13.3	13.8	15.1	12.3	12.8	13.3	13.8	15.1
12H	4H	8.7	9.2	9.7	10.2	11.5	8.7	9.2	9.7	10.2	11.5
	6H	10.6	11.1	11.6	12.1	13.4	10.6	11.1	11.6	12.1	13.4
	8H	11.6	12.1	12.6	13.1	14.4	11.6	12.1	12.6	13.1	14.4

(END OF REPORT)