

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: P1245032

Luminaire Tested: PRLX-NIM-L-930-02L-U-NL

Issue Date: 1/30/2026

**Test Information**

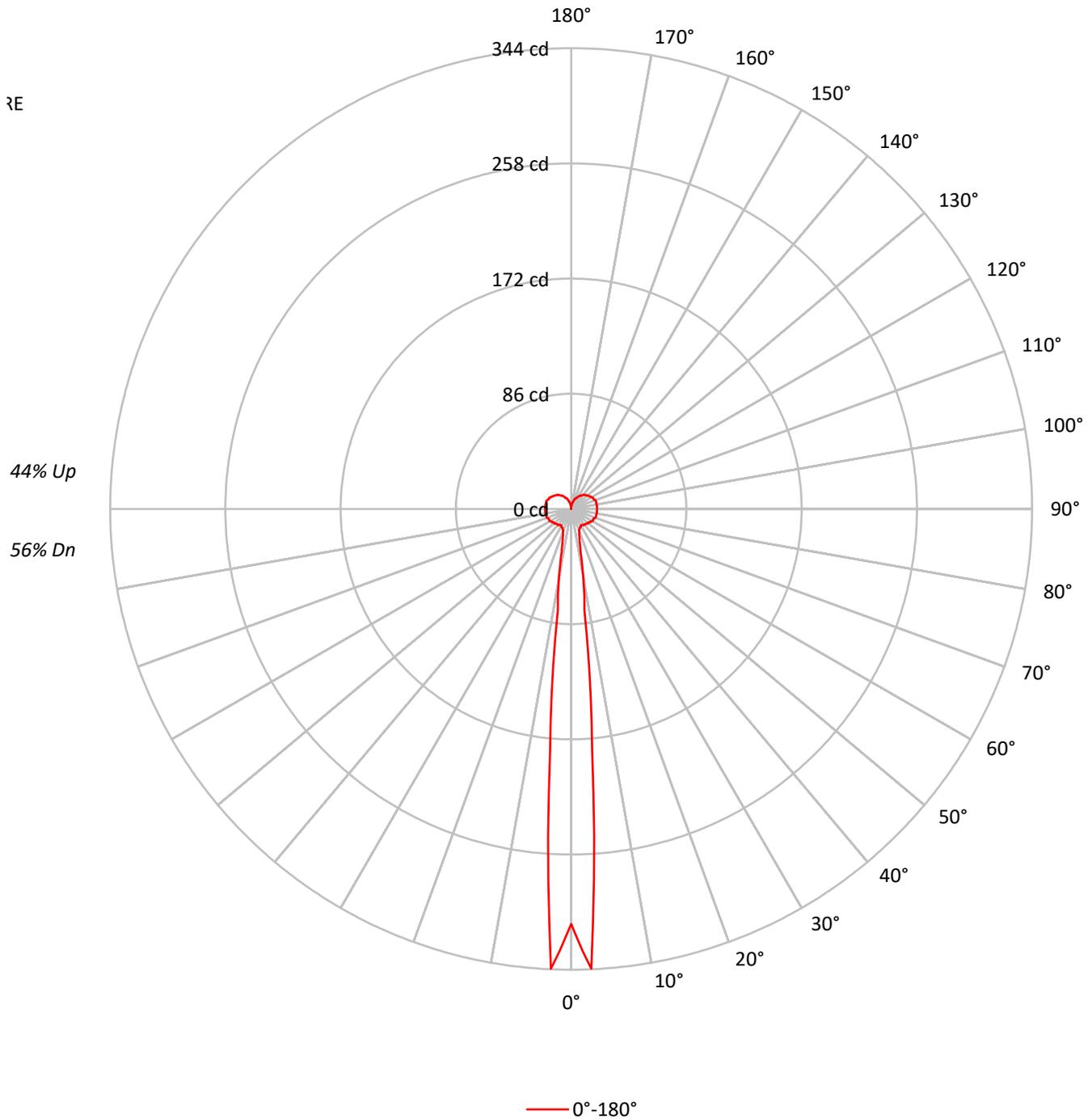
Test Method: LM-79-2019  
Report Number: P1245032  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2412-299-1)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PrentaLux  
Catalog Number: PRLX-NIM-L-930-02L-U-NL  
Description: 3D PRINTED PENDANT LED LUMINAIRE, LARGE LIGHT ENGINE, NATURAL LINES SHADE TEXTUF  
LIGHT LEVEL 1  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 224.2 lumens  
Efficiency: N/A  
Efficacy: 40.0 lumens/watt  
Spacing Criteria (0/90/45): 0.19 / 0.19 / 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): 5.6  
Input Voltage (V): NR  
Input Current (Ain): 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: P1245032  
CATALOG NUMBER: PRLX-NIM-L-930-02L-U-NL

### Luminous Intensity Polar Plot





TEST NUMBER: P1245032

CATALOG NUMBER: PRLX-NIM-L-930-02L-U-NL

**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	56
1	95	89	83	78	87	82	77	73	70	66	62		58	55	53		48	45	43	38
2	85	76	68	61	78	70	63	57	59	54	49		49	45	42		40	37	34	30
3	77	66	57	50	71	61	53	47	52	45	40		43	38	34		35	31	28	24
4	71	58	49	42	65	54	46	40	46	39	34		38	33	29		31	27	24	20
5	65	52	43	36	60	48	40	34	41	35	30		34	29	25		28	24	21	18
6	60	47	38	32	55	44	36	30	37	31	26		31	26	22		26	22	19	16
7	56	43	34	28	51	40	32	27	34	28	23		29	24	20		24	20	17	14
8	52	39	31	25	48	36	29	24	32	25	21		27	22	18		23	19	16	13
9	49	36	28	23	45	34	27	22	29	23	19		25	20	17		21	17	15	12
10	46	33	26	21	43	31	25	20	27	22	18		24	19	16		20	16	14	12

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

	0°
0°	9804
5°	4440
10°	1058
15°	420
20°	265
25°	212
30°	182
35°	168
40°	169
45°	161
50°	164
55°	168
60°	173
65°	170
70°	178
75°	178
80°	179
85°	182

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 90°  
 Luminance: 186 cd/sqm

TEST NUMBER: P1245032

CATALOG NUMBER: PRLX-NIM-L-930-02L-U-NL

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	13.1	5.9
10°-20°	7.5	3.3
20°-30°	7.3	3.2
30°-40°	9.3	4.1
40°-50°	12.2	5.5
50°-60°	15.3	6.8
60°-70°	18.3	8.2
70°-80°	20.4	9.1
80°-90°	21.1	9.4
90°-100°	21.1	9.4
100°-110°	20.4	9.1
110°-120°	18.2	8.1
120°-130°	14.9	6.7
130°-140°	11.4	5.1
140°-150°	7.7	3.4
150°-160°	4.2	1.9
160°-170°	1.7	0.8
170°-180°	0.2	0.1
0°-30°	27.9	12.4
0°-40°	37.2	16.6
0°-60°	64.7	28.9
0°-90°	124.5	55.5
90°-120°	59.6	26.6
90°-150°	93.6	41.7
90°-180°	100.0	44.6
0°-180°	224.2	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	310	
5°	180	13
15°	24	7
25°	15	7
35°	14	9
45°	15	12
55°	17	15
65°	18	18
75°	19	20
85°	19	16
90°	19	11
95°	19	16
105°	19	20
115°	18	18
125°	16	15
135°	14	11
145°	12	8
155°	9	4
165°	6	2
175°	1	0
180°	0	

TEST NUMBER: P1245032

CATALOG NUMBER: PRLX-NIM-L-930-02L-U-NL

**CANDELA DISTRIBUTION (FULL):**

0°	
0°	309.9
2.5°	343.6
5°	180.0
7.5°	76.0
10°	52.0
12.5°	32.7
15°	24.1
17.5°	20.2
20°	17.3
22.5°	16.4
25°	15.4
27.5°	15.4
30°	14.4
32.5°	14.4
35°	14.4
37.5°	15.4
40°	15.4
42.5°	15.4
45°	15.4
47.5°	16.4
50°	16.4
52.5°	16.4
55°	17.3
57.5°	17.3
60°	18.3
62.5°	18.3
65°	18.3
67.5°	18.3
70°	19.3
72.5°	19.3
75°	19.3
77.5°	19.3
80°	19.3
82.5°	19.3
85°	19.3
87.5°	19.3
90°	19.3
92.5°	19.3
95°	19.3
97.5°	19.3
100°	19.3
102.5°	19.3
105°	19.3
107.5°	19.3
110°	19.3



TEST NUMBER: P1245032

CATALOG NUMBER: PRLX-NIM-L-930-02L-U-NL

**CANDELA DISTRIBUTION (continued):**

	0°
112.5°	18.3
115°	18.3
117.5°	18.3
120°	17.3
122.5°	17.3
125°	16.4
127.5°	16.4
130°	15.4
132.5°	15.4
135°	14.4
137.5°	14.4
140°	13.5
142.5°	12.5
145°	12.5
147.5°	11.6
150°	10.6
152.5°	9.6
155°	8.7
157.5°	8.7
160°	7.7
162.5°	6.7
165°	5.8
167.5°	4.8
170°	3.9
172.5°	2.9
175°	1.0
177.5°	0.0
180°	0.0



TEST NUMBER: P1245032

CATALOG NUMBER: PRLX-NIM-L-930-02L-U-NL

**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	1.2	2.3	2.1	3.2	4.4	1.2	2.3	2.1	3.2	4.4
	3H	4.3	5.3	5.2	6.2	7.4	4.3	5.3	5.2	6.2	7.4
	4H	5.8	6.7	6.7	7.7	8.9	5.8	6.7	6.7	7.7	8.9
	6H	7.3	8.1	8.2	9.0	10.3	7.3	8.1	8.2	9.0	10.3
	8H	7.9	8.7	8.9	9.7	10.9	7.9	8.7	8.9	9.7	10.9
	12H	8.6	9.4	9.5	10.3	11.6	8.6	9.4	9.5	10.3	11.6
4H	2H	2.0	2.9	2.9	3.9	5.1	2.0	2.9	2.9	3.9	5.1
	3H	5.3	6.1	6.2	7.1	8.3	5.3	6.1	6.2	7.1	8.3
	4H	6.9	7.7	7.9	8.6	9.9	6.9	7.7	7.9	8.6	9.9
	6H	8.5	9.2	9.5	10.2	11.4	8.5	9.2	9.5	10.2	11.4
	8H	9.3	9.9	10.2	10.9	12.2	9.3	9.9	10.2	10.9	12.2
	12H	10.1	10.6	11.0	11.6	12.9	10.1	10.6	11.0	11.6	12.9
8H	4H	7.5	8.1	8.4	9.1	10.3	7.5	8.1	8.4	9.1	10.3
	6H	9.3	9.8	10.2	10.8	12.1	9.3	9.8	10.2	10.8	12.1
	8H	10.2	10.7	11.1	11.7	12.9	10.2	10.7	11.1	11.7	12.9
	12H	11.1	11.5	12.1	12.5	13.9	11.1	11.5	12.1	12.5	13.9
12H	4H	7.6	8.1	8.5	9.1	10.4	7.6	8.1	8.5	9.1	10.4
	6H	9.4	9.9	10.4	10.9	12.2	9.4	9.9	10.4	10.9	12.2
	8H	10.4	10.9	11.4	11.9	13.2	10.4	10.9	11.4	11.9	13.2

(END OF REPORT)