

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: P1245058

Luminaire Tested: PRLX-NIM-L-930-23L-U-WO

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1245058  
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-930-23L-U-WO  
Description: 3D PRINTED PENDANT LED LUMINAIRE, LARGE LIGHT ENGINE, WOVEN OVAL SHADE TEXTURE LIGHT LEVEL 7  
Light Source: -  
Ballast/Driver: -

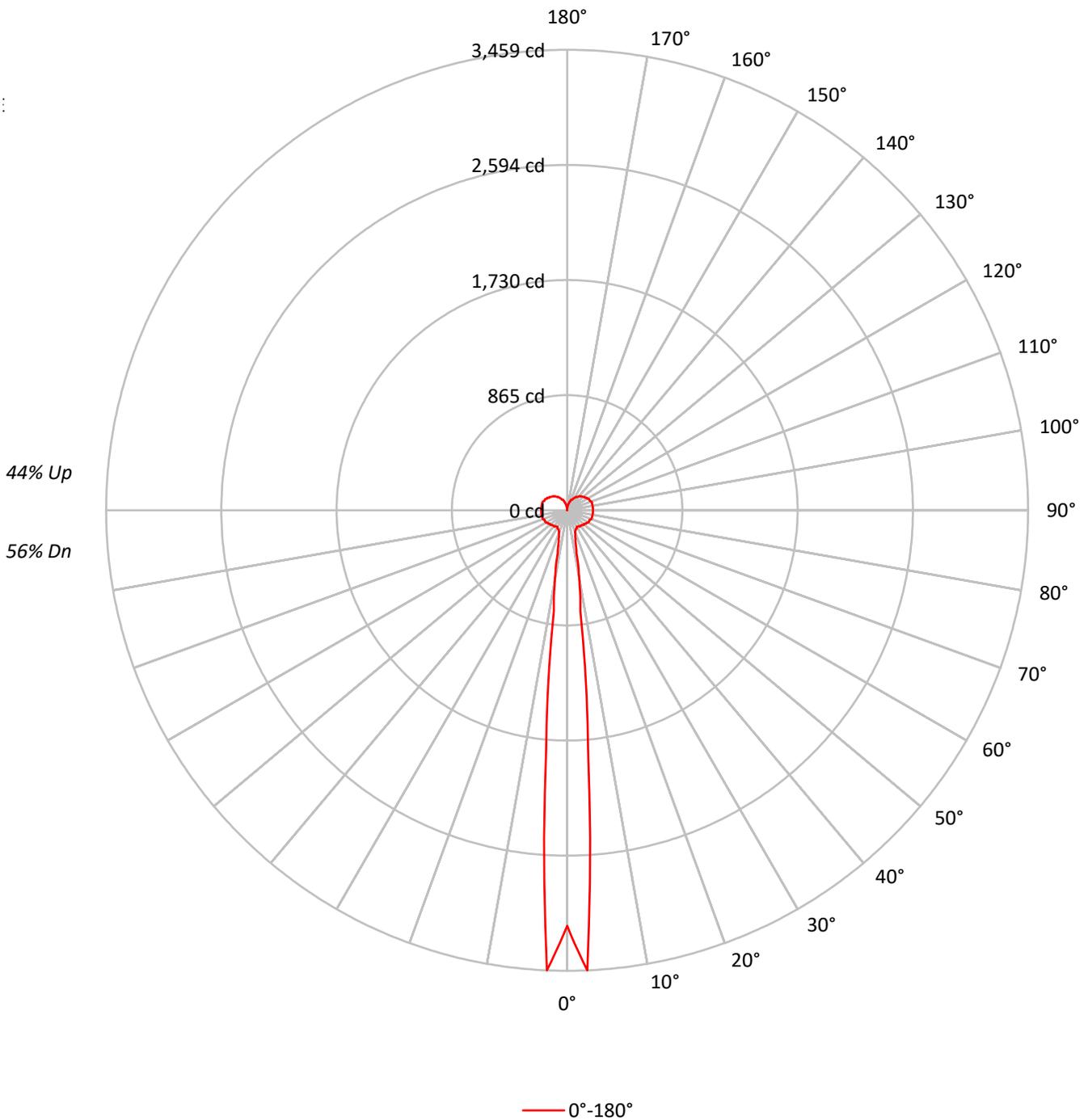
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2254.8 lumens  
Efficiency: N/A  
Efficacy: 38.7 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): 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

TEST NUMBER: P1245058

CATALOG NUMBER: PRLX-NIM-L-930-23L-U-WO

### Luminous Intensity Polar Plot





TEST NUMBER: P1245058

CATALOG NUMBER: PRLX-NIM-L-930-23L-U-WO

**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	15
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°	98712
5°	44695
10°	10644
15°	4218
20°	2674
25°	2137
30°	1832
35°	1700
40°	1704
45°	1618
50°	1649
55°	1690
60°	1741
65°	1713
70°	1788
75°	1786
80°	1798
85°	1824

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 90°  
 Luminance: 1866 cd/sqm



TEST NUMBER: P1245058

CATALOG NUMBER: PRLX-NIM-L-930-23L-U-WO

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	132.3	5.9
10°-20°	75.2	3.3
20°-30°	73.1	3.2
30°-40°	93.7	4.2
40°-50°	123.0	5.5
50°-60°	154.5	6.8
60°-70°	184.0	8.2
70°-80°	205.0	9.1
80°-90°	211.4	9.4
90°-100°	211.4	9.4
100°-110°	205.0	9.1
110°-120°	182.8	8.1
120°-130°	150.1	6.7
130°-140°	114.6	5.1
140°-150°	77.2	3.4
150°-160°	42.4	1.9
160°-170°	17.0	0.8
170°-180°	2.1	0.1
0°-30°	280.5	12.4
0°-40°	374.3	16.6
0°-60°	651.7	28.9
0°-90°	1252.2	55.5
90°-120°	599.3	26.6
90°-150°	941.2	41.7
90°-180°	1003.0	44.5
0°-180°	2254.8	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	3120	
5°	1812	132
15°	242	75
25°	155	73
35°	145	94
45°	155	123
55°	174	154
65°	184	184
75°	194	205
85°	194	158
90°	194	106
95°	194	158
105°	194	205
115°	184	183
125°	165	150
135°	145	115
145°	126	77
155°	87	42
165°	58	17
175°	10	2
180°	0	

TEST NUMBER: P1245058

CATALOG NUMBER: PRLX-NIM-L-930-23L-U-WO

**CANDELA DISTRIBUTION (FULL):**

0°	
0°	3120.2
2.5°	3459.3
5°	1812.0
7.5°	765.5
10°	523.3
12.5°	329.5
15°	242.2
17.5°	203.5
20°	174.4
22.5°	164.7
25°	155.0
27.5°	155.0
30°	145.3
32.5°	145.3
35°	145.3
37.5°	155.0
40°	155.0
42.5°	155.0
45°	155.0
47.5°	164.7
50°	164.7
52.5°	164.7
55°	174.4
57.5°	174.4
60°	184.1
62.5°	184.1
65°	184.1
67.5°	184.1
70°	193.8
72.5°	193.8
75°	193.8
77.5°	193.8
80°	193.8
82.5°	193.8
85°	193.8
87.5°	193.8
90°	193.8
92.5°	193.8
95°	193.8
97.5°	193.8
100°	193.8
102.5°	193.8
105°	193.8
107.5°	193.8
110°	193.8

TEST NUMBER: P1245058

CATALOG NUMBER: PRLX-NIM-L-930-23L-U-WO

**CANDELA DISTRIBUTION (continued):**

	0°
112.5°	184.1
115°	184.1
117.5°	184.1
120°	174.4
122.5°	174.4
125°	164.7
127.5°	164.7
130°	155.0
132.5°	155.0
135°	145.3
137.5°	145.3
140°	135.7
142.5°	126.0
145°	126.0
147.5°	116.3
150°	106.6
152.5°	96.9
155°	87.2
157.5°	87.2
160°	77.5
162.5°	67.8
165°	58.1
167.5°	48.4
170°	38.8
172.5°	29.1
175°	9.7
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	9.3	10.3	10.2	11.2	12.4	9.3	10.3	10.2	11.2	12.4
	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	15.7	16.9	13.8	14.7	14.7	15.7	16.9
	6H	15.3	16.1	16.2	17.1	18.3	15.3	16.1	16.2	17.1	18.3
	8H	15.9	16.8	16.9	17.7	18.9	15.9	16.8	16.9	17.7	18.9
	12H	16.6	17.4	17.5	18.3	19.6	16.6	17.4	17.5	18.3	19.6
4H	2H	10.1	11.0	11.0	11.9	13.1	10.1	11.0	11.0	11.9	13.1
	3H	13.3	14.1	14.2	15.1	16.3	13.3	14.1	14.2	15.1	16.3
	4H	15.0	15.7	15.9	16.6	17.9	15.0	15.7	15.9	16.6	17.9
	6H	16.5	17.2	17.5	18.2	19.4	16.5	17.2	17.5	18.2	19.4
	8H	17.3	17.9	18.3	18.9	20.2	17.3	17.9	18.3	18.9	20.2
	12H	18.1	18.7	19.0	19.6	20.9	18.1	18.7	19.0	19.6	20.9
8H	4H	15.5	16.1	16.4	17.1	18.3	15.5	16.1	16.4	17.1	18.3
	6H	17.3	17.8	18.2	18.8	20.1	17.3	17.8	18.2	18.8	20.1
	8H	18.2	18.7	19.2	19.7	20.9	18.2	18.7	19.2	19.7	20.9
	12H	19.1	19.6	20.1	20.6	21.9	19.1	19.6	20.1	20.6	21.9
12H	4H	15.6	16.2	16.6	17.1	18.4	15.6	16.2	16.6	17.1	18.4
	6H	17.5	17.9	18.4	18.9	20.2	17.5	17.9	18.4	18.9	20.2
	8H	18.4	18.9	19.4	19.9	21.2	18.4	18.9	19.4	19.9	21.2

(END OF REPORT)