

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: P1245055

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

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1245055
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-LF
Description: 3D PRINTED PENDANT LED LUMINAIRE, LARGE LIGHT ENGINE, LAYERED FINE SHADE TEXTURE LIGHT LEVEL 7
Light Source: -
Ballast/Driver: -

Summary

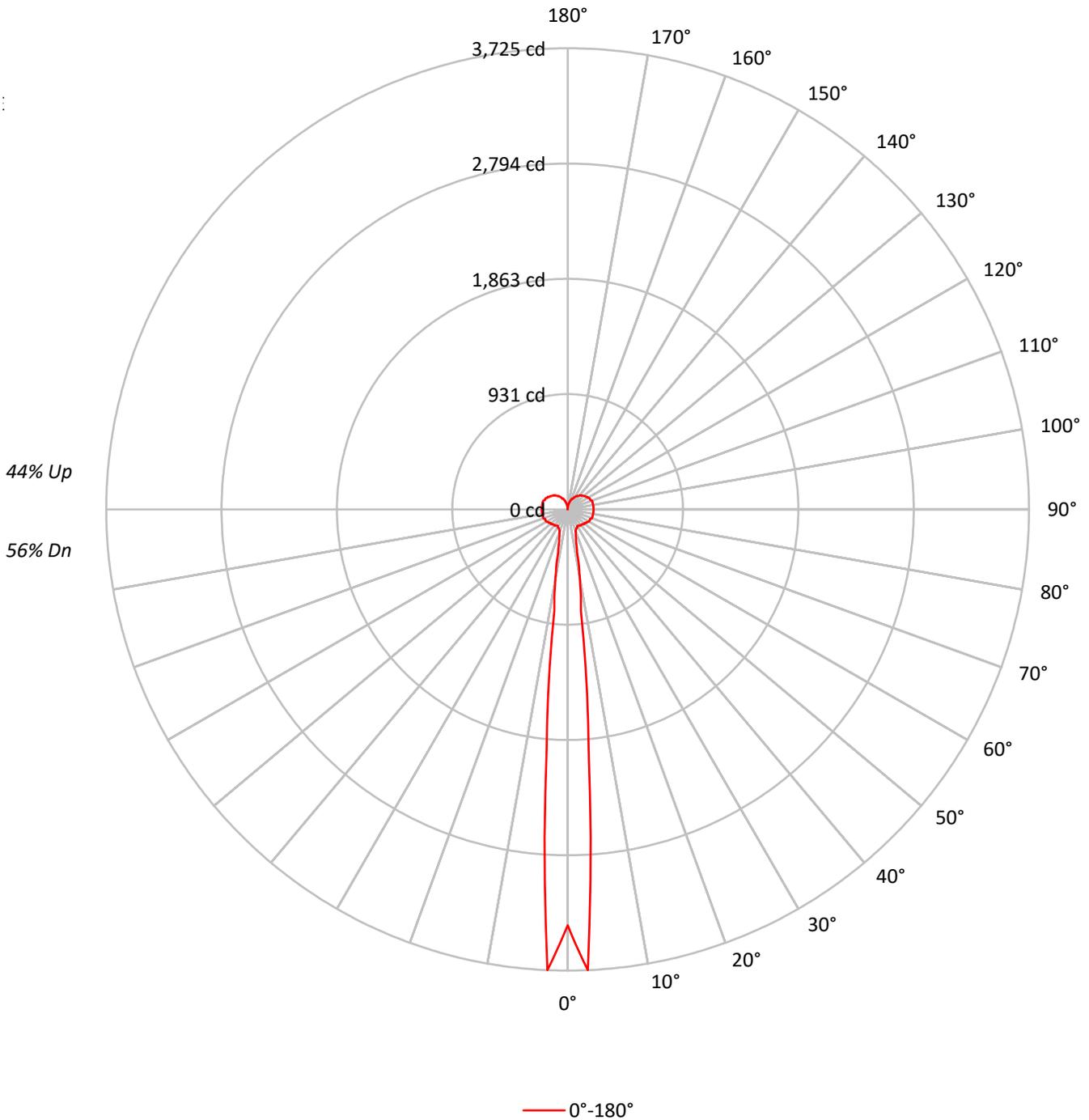
Lumens per Lamp: N/A
Luminaire Lumens: 2428.1 lumens
Efficiency: N/A
Efficacy: 41.7 lumens/watt
Spacing Criteria (0/90/45): 0.19 / 0.19 / 0.18
Luminous Opening: Rectangular w/ Sides (W: 0.58' x L: 0.58' x H: 1.92')
CIE Type: General Diffuse

Input Watts (W): 58.2
Input Voltage (V): NR
Input Current (A_{in}): 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: P1245055

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

Luminous Intensity Polar Plot





TEST NUMBER: P1245055

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	142.4	5.9
10°-20°	80.9	3.3
20°-30°	78.7	3.2
30°-40°	100.9	4.2
40°-50°	132.5	5.5
50°-60°	166.3	6.9
60°-70°	198.1	8.2
70°-80°	220.8	9.1
80°-90°	227.7	9.4
90°-100°	227.7	9.4
100°-110°	220.8	9.1
110°-120°	196.8	8.1
120°-130°	161.7	6.7
130°-140°	123.4	5.1
140°-150°	83.1	3.4
150°-160°	45.6	1.9
160°-170°	18.3	0.8
170°-180°	2.2	0.1
0°-30°	302.1	12.4
0°-40°	403.0	16.6
0°-60°	701.8	28.9
0°-90°	1348.4	55.5
90°-120°	645.3	26.6
90°-150°	1013.5	41.7
90°-180°	1080.0	44.5
0°-180°	2428.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3360	
5°	1951	142
15°	261	81
25°	167	79
35°	156	101
45°	167	132
55°	188	166
65°	198	198
75°	209	221
85°	209	171
90°	209	114
95°	209	171
105°	209	221
115°	198	197
125°	177	162
135°	156	123
145°	136	83
155°	94	46
165°	63	18
175°	10	2
180°	0	

TEST NUMBER: P1245055

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

CANDELA DISTRIBUTION (FULL):

0°	
0°	3359.6
2.5°	3724.7
5°	1951.0
7.5°	824.2
10°	563.4
12.5°	354.7
15°	260.8
17.5°	219.1
20°	187.8
22.5°	177.4
25°	166.9
27.5°	166.9
30°	156.5
32.5°	156.5
35°	156.5
37.5°	166.9
40°	166.9
42.5°	166.9
45°	166.9
47.5°	177.4
50°	177.4
52.5°	177.4
55°	187.8
57.5°	187.8
60°	198.2
62.5°	198.2
65°	198.2
67.5°	198.2
70°	208.7
72.5°	208.7
75°	208.7
77.5°	208.7
80°	208.7
82.5°	208.7
85°	208.7
87.5°	208.7
90°	208.7
92.5°	208.7
95°	208.7
97.5°	208.7
100°	208.7
102.5°	208.7
105°	208.7
107.5°	208.7
110°	208.7

TEST NUMBER: P1245055

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

CANDELA DISTRIBUTION (continued):

	0°
112.5°	198.2
115°	198.2
117.5°	198.2
120°	187.8
122.5°	187.8
125°	177.4
127.5°	177.4
130°	166.9
132.5°	166.9
135°	156.5
137.5°	156.5
140°	146.1
142.5°	135.6
145°	135.6
147.5°	125.2
150°	114.8
152.5°	104.3
155°	93.9
157.5°	93.9
160°	83.5
162.5°	73.0
165°	62.6
167.5°	52.2
170°	41.7
172.5°	31.3
175°	10.4
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	9.5	10.6	10.4	11.5	12.7	9.5	10.6	10.4	11.5	12.7
	3H	12.6	13.5	13.5	14.5	15.7	12.6	13.5	13.5	14.5	15.7
	4H	14.1	15.0	15.0	15.9	17.1	14.1	15.0	15.0	15.9	17.1
	6H	15.5	16.4	16.4	17.3	18.5	15.5	16.4	16.4	17.3	18.5
	8H	16.2	17.0	17.1	18.0	19.2	16.2	17.0	17.1	18.0	19.2
	12H	16.9	17.6	17.8	18.6	19.9	16.9	17.6	17.8	18.6	19.9
4H	2H	10.3	11.2	11.2	12.2	13.4	10.3	11.2	11.2	12.2	13.4
	3H	13.6	14.4	14.5	15.3	16.6	13.6	14.4	14.5	15.3	16.6
	4H	15.2	15.9	16.1	16.9	18.2	15.2	15.9	16.1	16.9	18.2
	6H	16.8	17.5	17.7	18.4	19.7	16.8	17.5	17.7	18.4	19.7
	8H	17.6	18.2	18.5	19.2	20.4	17.6	18.2	18.5	19.2	20.4
	12H	18.3	18.9	19.3	19.9	21.2	18.3	18.9	19.3	19.9	21.2
8H	4H	15.7	16.4	16.7	17.3	18.6	15.7	16.4	16.7	17.3	18.6
	6H	17.5	18.1	18.5	19.1	20.3	17.5	18.1	18.5	19.1	20.3
	8H	18.4	18.9	19.4	19.9	21.2	18.4	18.9	19.4	19.9	21.2
	12H	19.4	19.8	20.4	20.8	22.1	19.4	19.8	20.4	20.8	22.1
12H	4H	15.8	16.4	16.8	17.4	18.7	15.8	16.4	16.8	17.4	18.7
	6H	17.7	18.2	18.7	19.2	20.5	17.7	18.2	18.7	19.2	20.5
	8H	18.7	19.1	19.7	20.1	21.5	18.7	19.1	19.7	20.1	21.5

(END OF REPORT)