

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: P1244909

Luminaire Tested: PRLX-MIN-M-935-01L-U-NL

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1244909
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-935-01L-U-NL
Description: 3D PRINTED PENDANT LED LUMINAIRE, MEDIUM LIGHT ENGINE, NATURAL LINES SHADE TEXT LIGHT LEVEL 1
Light Source: -
Ballast/Driver: -

Summary

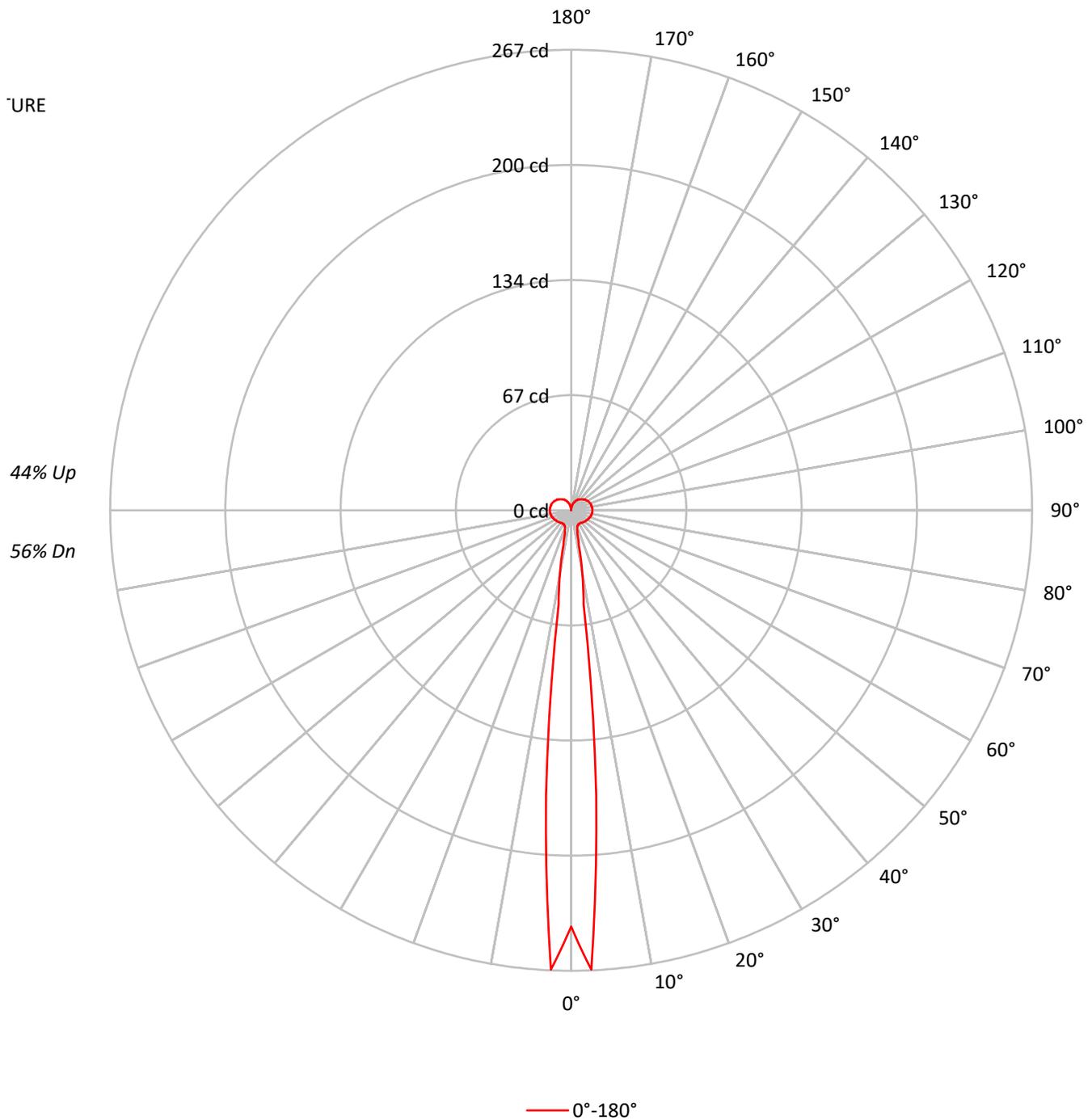
Lumens per Lamp: N/A
Luminaire Lumens: 142.0 lumens
Efficiency: N/A
Efficacy: 22.5 lumens/watt
Spacing Criteria (0/90/45): 0.21 / 0.21 / 0.18
Luminous Opening: Rectangular w/ Sides (W: 0.46' x L: 0.46' x H: 1.92')
CIE Type: General Diffuse

Input Watts (W): 6.3
Input Voltage (V): NR
Input Current (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: P1244909

CATALOG NUMBER: PRLX-MIN-M-935-01L-U-NL

Luminous Intensity Polar Plot





TEST NUMBER: P1244909

CATALOG NUMBER: PRLX-MIN-M-935-01L-U-NL

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	30
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	18	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°	12366
5°	6252
10°	1120
15°	355
20°	223
25°	180
30°	158
35°	145
40°	139
45°	137
50°	136
55°	135
60°	136
65°	136
70°	139
75°	142
80°	144
85°	148

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 90°
 Luminance: 151 cd/sqm

TEST NUMBER: P1244909

CATALOG NUMBER: PRLX-MIN-M-935-01L-U-NL

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.6	7.5
10°-20°	4.6	3.3
20°-30°	4.4	3.1
30°-40°	5.8	4.1
40°-50°	7.6	5.3
50°-60°	9.4	6.6
60°-70°	11.1	7.8
70°-80°	12.6	8.9
80°-90°	13.4	9.4
90°-100°	13.4	9.4
100°-110°	12.7	8.9
110°-120°	11.3	8.0
120°-130°	9.3	6.6
130°-140°	7.0	5.0
140°-150°	4.8	3.4
150°-160°	2.7	1.9
160°-170°	1.1	0.8
170°-180°	0.1	0.1
0°-30°	19.7	13.8
0°-40°	25.4	17.9
0°-60°	42.5	29.9
0°-90°	79.6	56.0
90°-120°	37.4	26.3
90°-150°	58.6	41.2
90°-180°	62.0	43.7
0°-180°	142.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	241	
5°	166	11
15°	14	5
25°	9	4
35°	9	6
45°	10	8
55°	10	9
65°	11	11
75°	12	13
85°	12	10
90°	12	7
95°	12	10
105°	12	13
115°	11	11
125°	10	9
135°	9	7
145°	8	5
155°	6	3
165°	4	1
175°	0	0
180°	0	

TEST NUMBER: P1244909

CATALOG NUMBER: PRLX-MIN-M-935-01L-U-NL

CANDELA DISTRIBUTION (FULL):

0°	
0°	241.3
2.5°	266.6
5°	166.0
7.5°	55.0
10°	37.4
12.5°	20.5
15°	14.2
17.5°	11.8
20°	10.3
22.5°	9.8
25°	9.4
27.5°	9.1
30°	9.1
32.5°	9.1
35°	9.1
37.5°	9.3
40°	9.4
42.5°	9.6
45°	9.8
47.5°	10.0
50°	10.2
52.5°	10.3
55°	10.5
57.5°	10.7
60°	10.9
62.5°	11.0
65°	11.2
67.5°	11.4
70°	11.6
72.5°	11.8
75°	11.9
77.5°	12.1
80°	12.1
82.5°	12.3
85°	12.3
87.5°	12.3
90°	12.3
92.5°	12.3
95°	12.3
97.5°	12.3
100°	12.1
102.5°	12.1
105°	11.9
107.5°	11.9
110°	11.8

TEST NUMBER: P1244909

CATALOG NUMBER: PRLX-MIN-M-935-01L-U-NL

CANDELA DISTRIBUTION (continued):

	0°
112.5°	11.6
115°	11.4
117.5°	11.2
120°	10.9
122.5°	10.7
125°	10.3
127.5°	10.2
130°	9.8
132.5°	9.4
135°	9.1
137.5°	8.7
140°	8.4
142.5°	8.0
145°	7.7
147.5°	7.3
150°	6.8
152.5°	6.2
155°	5.9
157.5°	5.3
160°	4.8
162.5°	4.5
165°	3.7
167.5°	3.0
170°	2.1
172.5°	1.2
175°	0.4
177.5°	0.0
180°	0.0



TEST NUMBER: P1244909

CATALOG NUMBER: PRLX-MIN-M-935-01L-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	0.4	1.5	1.3	2.4	3.5	0.4	1.5	1.3	2.4	3.5
	3H	3.5	4.4	4.4	5.3	6.5	3.5	4.4	4.4	5.3	6.5
	4H	4.9	5.8	5.9	6.8	8.0	4.9	5.8	5.9	6.8	8.0
	6H	6.4	7.3	7.3	8.2	9.4	6.4	7.3	7.3	8.2	9.4
	8H	7.1	7.9	8.1	8.9	10.1	7.1	7.9	8.1	8.9	10.1
	12H	7.8	8.6	8.8	9.6	10.8	7.8	8.6	8.8	9.6	10.8
4H	2H	1.2	2.1	2.1	3.0	4.2	1.2	2.1	2.1	3.0	4.2
	3H	4.4	5.2	5.3	6.2	7.4	4.4	5.2	5.3	6.2	7.4
	4H	6.1	6.8	7.0	7.7	9.0	6.1	6.8	7.0	7.7	9.0
	6H	7.7	8.4	8.6	9.3	10.6	7.7	8.4	8.6	9.3	10.6
	8H	8.5	9.1	9.4	10.1	11.3	8.5	9.1	9.4	10.1	11.3
	12H	9.3	9.9	10.3	10.9	12.1	9.3	9.9	10.3	10.9	12.1
8H	4H	6.6	7.2	7.5	8.2	9.4	6.6	7.2	7.5	8.2	9.4
	6H	8.4	9.0	9.4	10.0	11.2	8.4	9.0	9.4	10.0	11.2
	8H	9.4	9.9	10.4	10.9	12.1	9.4	9.9	10.4	10.9	12.1
	12H	10.4	10.8	11.3	11.8	13.1	10.4	10.8	11.3	11.8	13.1
12H	4H	6.7	7.3	7.7	8.3	9.5	6.7	7.3	7.7	8.3	9.5
	6H	8.6	9.1	9.6	10.1	11.4	8.6	9.1	9.6	10.1	11.4
	8H	9.7	10.1	10.6	11.1	12.4	9.7	10.1	10.6	11.1	12.4

(END OF REPORT)