

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: P1244981

Luminaire Tested: PRLX-MIN-S-935-12L-U-NL

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1244981
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2412-299-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PrentaLux
Catalog Number: PRLX-MIN-S-935-12L-U-NL
Description: 3D PRINTED PENDANT LED LUMINAIRE, SMALL LIGHT ENGINE, NATURAL LINES SHADE TEXTURE
LIGHT LEVEL 5
Light Source: -
Ballast/Driver: -

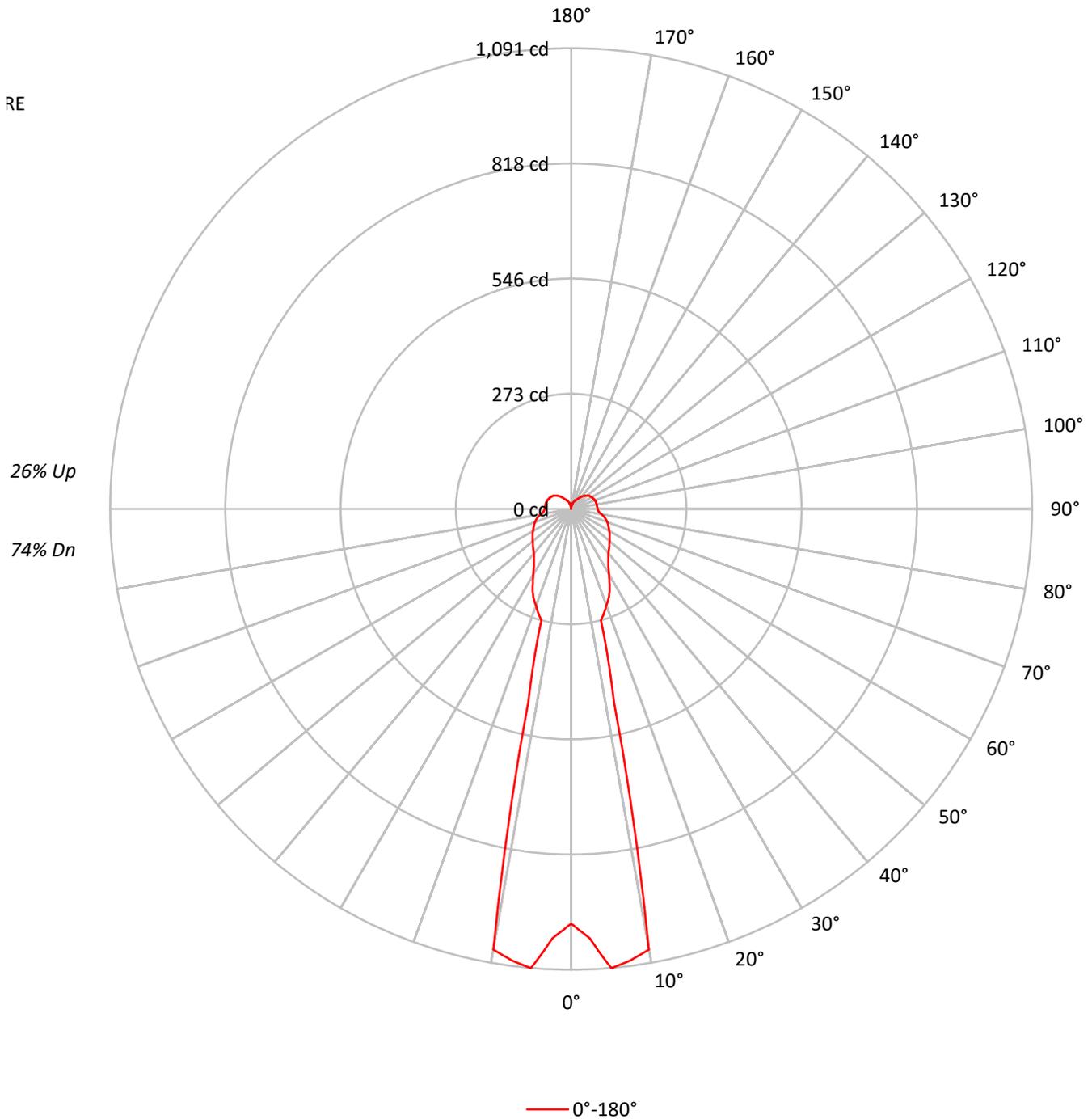
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1163.1 lumens
Efficiency: N/A
Efficacy: 40.2 lumens/watt
Spacing Criteria (0/90/45): 0.43 / 0.43 / 0.38
Luminous Opening: Rectangular w/ Sides (W: 0.62' x L: 0.62' x H: 0.87')
CIE Type: Semi-Direct

Input Watts (W): 28.9
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: P1244981
CATALOG NUMBER: PRLX-MIN-S-935-12L-U-NL

Luminous Intensity Polar Plot





TEST NUMBER: P1244981

CATALOG NUMBER: PRLX-MIN-S-935-12L-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	113	113	113	113	107	107	107	107	97	97	97		87	87	87		78	78	78	74
1	101	96	91	87	96	91	87	83	82	79	76		74	71	69		66	64	62	58
2	92	84	77	71	87	80	73	68	72	67	63		65	61	57		58	55	52	49
3	85	74	66	60	80	71	63	58	64	58	53		58	53	49		52	48	45	42
4	78	67	58	52	74	63	56	50	58	51	46		52	47	43		47	43	40	37
5	72	60	52	46	68	58	50	44	53	46	41		48	43	38		44	39	36	33
6	67	55	47	41	64	53	45	39	48	42	37		44	39	35		40	36	33	30
7	63	51	42	37	60	49	41	36	45	38	34		41	36	32		38	33	30	28
8	59	47	39	34	56	45	38	33	42	35	31		38	33	29		35	31	28	26
9	56	44	36	31	53	42	35	30	39	33	29		36	31	27		33	29	26	24
10	53	41	34	29	50	39	33	28	37	31	27		34	29	26		32	27	24	23

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	27054
5°	26912
10°	23800
15°	5664
20°	4734
25°	3975
30°	3160
35°	2610
40°	2277
45°	2076
50°	1911
55°	1791
60°	1684
65°	1589
70°	1518
75°	1425
80°	1304
85°	1216

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 2076 cd/sqm

TEST NUMBER: P1244981

CATALOG NUMBER: PRLX-MIN-S-935-12L-U-NL

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	101.8	8.8
10°-20°	107.5	9.2
20°-30°	97.9	8.4
30°-40°	96.8	8.3
40°-50°	98.6	8.5
50°-60°	99.8	8.6
60°-70°	96.6	8.3
70°-80°	87.4	7.5
80°-90°	71.9	6.2
90°-100°	67.5	5.8
100°-110°	64.4	5.5
110°-120°	57.5	4.9
120°-130°	47.6	4.1
130°-140°	34.0	2.9
140°-150°	19.5	1.7
150°-160°	10.2	0.9
160°-170°	3.9	0.3
170°-180°	0.3	0.0
0°-30°	307.2	26.4
0°-40°	404.0	34.7
0°-60°	602.3	51.8
0°-90°	858.2	73.8
90°-120°	189.3	16.3
90°-150°	290.5	25.0
90°-180°	305.0	26.2
0°-180°	1163.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	982	
5°	1091	102
15°	273	107
25°	216	98
35°	153	97
45°	127	99
55°	111	100
65°	97	97
75°	83	87
85°	65	55
90°	62	34
95°	62	50
105°	61	64
115°	58	57
125°	54	48
135°	44	34
145°	30	20
155°	21	10
165°	13	4
175°	1	0
180°	0	

TEST NUMBER: P1244981

CATALOG NUMBER: PRLX-MIN-S-935-12L-U-NL

CANDELA DISTRIBUTION (FULL):

0°	
0°	981.8
2.5°	1017.4
5°	1091.4
7.5°	1078.0
10°	1059.3
12.5°	468.6
15°	272.6
17.5°	258.4
20°	243.2
22.5°	230.7
25°	215.6
27.5°	196.0
30°	179.1
32.5°	163.9
35°	153.2
37.5°	144.3
40°	137.2
42.5°	131.9
45°	127.4
47.5°	122.9
50°	118.5
52.5°	114.9
55°	111.4
57.5°	107.8
60°	104.2
62.5°	100.7
65°	97.1
67.5°	94.4
70°	90.9
72.5°	87.3
75°	82.9
77.5°	78.4
80°	73.1
82.5°	67.7
85°	65.0
87.5°	63.3
90°	62.4
92.5°	62.4
95°	61.5
97.5°	61.5
100°	61.5
102.5°	61.5
105°	60.6
107.5°	60.6
110°	59.7

TEST NUMBER: P1244981

CATALOG NUMBER: PRLX-MIN-S-935-12L-U-NL

CANDELA DISTRIBUTION (continued):

	0°
112.5°	58.8
115°	57.9
117.5°	57.0
120°	56.1
122.5°	54.3
125°	53.5
127.5°	51.7
130°	49.0
132.5°	47.2
135°	43.7
137.5°	41.0
140°	37.4
142.5°	33.9
145°	30.3
147.5°	27.6
150°	25.8
152.5°	24.1
155°	21.4
157.5°	19.6
160°	17.8
162.5°	16.0
165°	13.4
167.5°	10.7
170°	7.1
172.5°	3.6
175°	0.9
177.5°	0.0
180°	0.0



TEST NUMBER: P1244981

CATALOG NUMBER: PRLX-MIN-S-935-12L-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	10.7	11.8	11.4	12.6	13.5	10.7	11.8	11.4	12.6	13.5
	3H	13.0	14.1	13.7	14.8	15.7	13.0	14.1	13.7	14.8	15.7
	4H	14.1	15.1	14.8	15.8	16.7	14.1	15.1	14.8	15.8	16.7
	6H	15.0	16.0	15.8	16.7	17.7	15.0	16.0	15.8	16.7	17.7
	8H	15.4	16.3	16.2	17.1	18.1	15.4	16.3	16.2	17.1	18.1
	12H	15.9	16.7	16.6	17.5	18.5	15.9	16.7	16.6	17.5	18.5
4H	2H	11.3	12.3	12.0	13.1	14.0	11.3	12.3	12.0	13.1	14.0
	3H	13.8	14.7	14.6	15.5	16.4	13.8	14.7	14.6	15.5	16.4
	4H	15.0	15.8	15.8	16.6	17.6	15.0	15.8	15.8	16.6	17.6
	6H	16.2	16.9	16.9	17.7	18.6	16.2	16.9	16.9	17.7	18.6
	8H	16.7	17.3	17.5	18.1	19.1	16.7	17.3	17.5	18.1	19.1
	12H	17.2	17.8	18.0	18.6	19.6	17.2	17.8	18.0	18.6	19.6
8H	4H	15.4	16.1	16.2	16.9	17.9	15.4	16.1	16.2	16.9	17.9
	6H	16.7	17.3	17.5	18.1	19.1	16.7	17.3	17.5	18.1	19.1
	8H	17.3	17.8	18.2	18.7	19.7	17.3	17.8	18.2	18.7	19.7
	12H	18.0	18.4	18.8	19.3	20.4	18.0	18.4	18.8	19.3	20.4
12H	4H	15.5	16.1	16.3	16.9	17.9	15.5	16.1	16.3	16.9	17.9
	6H	16.8	17.3	17.7	18.2	19.2	16.8	17.3	17.7	18.2	19.2
	8H	17.5	18.0	18.4	18.8	19.9	17.5	18.0	18.4	18.8	19.9

(END OF REPORT)