

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: P1244900

Luminaire Tested: PRLX-MIN-M-930-04L-U-NL

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1244900
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-930-04L-U-NL
Description: 3D PRINTED PENDANT LED LUMINAIRE, MEDIUM LIGHT ENGINE, NATURAL LINES SHADE TEXT LIGHT LEVEL 3
Light Source: -
Ballast/Driver: -

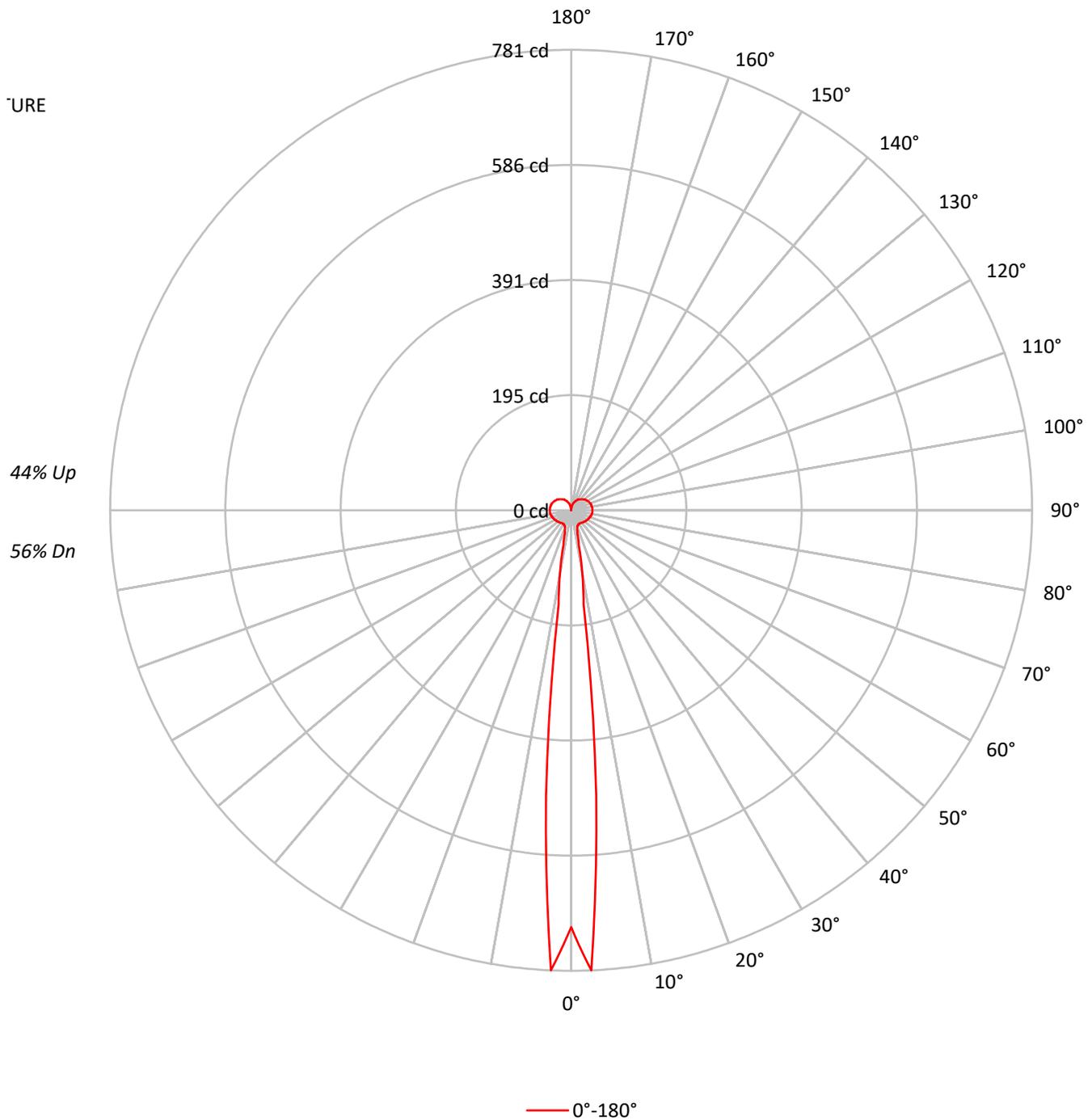
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 416.1 lumens
Efficiency: N/A
Efficacy: 25.7 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): 16.2
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: P1244900
CATALOG NUMBER: PRLX-MIN-M-930-04L-U-NL

Luminous Intensity Polar Plot





TEST NUMBER: P1244900

CATALOG NUMBER: PRLX-MIN-M-930-04L-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	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°	36232
5°	18315
10°	3283
15°	1043
20°	655
25°	531
30°	461
35°	424
40°	411
45°	401
50°	396
55°	395
60°	395
65°	400
70°	407
75°	417
80°	424
85°	434

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 90°
 Luminance: 441 cd/sqm

TEST NUMBER: P1244900

CATALOG NUMBER: PRLX-MIN-M-930-04L-U-NL

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	31.1	7.5
10°-20°	13.6	3.3
20°-30°	12.8	3.1
30°-40°	16.9	4.1
40°-50°	22.2	5.3
50°-60°	27.6	6.6
60°-70°	32.6	7.8
70°-80°	36.9	8.9
80°-90°	39.2	9.4
90°-100°	39.2	9.4
100°-110°	37.2	8.9
110°-120°	33.1	8.0
120°-130°	27.3	6.6
130°-140°	20.7	5.0
140°-150°	14.1	3.4
150°-160°	8.0	1.9
160°-170°	3.2	0.8
170°-180°	0.3	0.1
0°-30°	57.6	13.8
0°-40°	74.5	17.9
0°-60°	124.4	29.9
0°-90°	233.1	56.0
90°-120°	109.5	26.3
90°-150°	171.5	41.2
90°-180°	183.0	44.0
0°-180°	416.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	707	
5°	486	31
15°	42	14
25°	28	13
35°	27	17
45°	29	22
55°	31	28
65°	33	33
75°	35	37
85°	36	29
90°	36	20
95°	36	29
105°	35	37
115°	33	33
125°	30	27
135°	27	21
145°	22	14
155°	17	8
165°	11	3
175°	1	0
180°	0	

TEST NUMBER: P1244900

CATALOG NUMBER: PRLX-MIN-M-930-04L-U-NL

CANDELA DISTRIBUTION (FULL):

0°	
0°	707.0
2.5°	781.0
5°	486.3
7.5°	161.2
10°	109.6
12.5°	60.0
15°	41.7
17.5°	34.4
20°	30.3
22.5°	28.7
25°	27.7
27.5°	26.6
30°	26.6
32.5°	26.6
35°	26.6
37.5°	27.1
40°	27.7
42.5°	28.2
45°	28.7
47.5°	29.2
50°	29.7
52.5°	30.3
55°	30.8
57.5°	31.3
60°	31.8
62.5°	32.3
65°	32.9
67.5°	33.4
70°	33.9
72.5°	34.4
75°	35.0
77.5°	35.5
80°	35.5
82.5°	36.0
85°	36.0
87.5°	36.0
90°	36.0
92.5°	36.0
95°	36.0
97.5°	36.0
100°	35.5
102.5°	35.5
105°	35.0
107.5°	35.0
110°	34.4

TEST NUMBER: P1244900

CATALOG NUMBER: PRLX-MIN-M-930-04L-U-NL

CANDELA DISTRIBUTION (continued):

	0°
112.5°	33.9
115°	33.4
117.5°	32.9
120°	31.8
122.5°	31.3
125°	30.3
127.5°	29.7
130°	28.7
132.5°	27.7
135°	26.6
137.5°	25.6
140°	24.5
142.5°	23.5
145°	22.4
147.5°	21.4
150°	19.8
152.5°	18.3
155°	17.2
157.5°	15.7
160°	14.1
162.5°	13.0
165°	11.0
167.5°	8.9
170°	6.3
172.5°	3.7
175°	1.0
177.5°	0.0
180°	0.0



TEST NUMBER: P1244900

CATALOG NUMBER: PRLX-MIN-M-930-04L-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	4.1	5.2	5.0	6.1	7.3	4.1	5.2	5.0	6.1	7.3
	3H	7.2	8.1	8.1	9.1	10.3	7.2	8.1	8.1	9.1	10.3
	4H	8.7	9.6	9.6	10.5	11.7	8.7	9.6	9.6	10.5	11.7
	6H	10.2	11.0	11.1	11.9	13.2	10.2	11.0	11.1	11.9	13.2
	8H	10.9	11.7	11.8	12.6	13.9	10.9	11.7	11.8	12.6	13.9
	12H	11.6	12.3	12.5	13.3	14.5	11.6	12.3	12.5	13.3	14.5
4H	2H	4.9	5.8	5.8	6.8	8.0	4.9	5.8	5.8	6.8	8.0
	3H	8.1	8.9	9.1	9.9	11.1	8.1	8.9	9.1	9.9	11.1
	4H	9.8	10.5	10.7	11.5	12.7	9.8	10.5	10.7	11.5	12.7
	6H	11.4	12.1	12.4	13.1	14.3	11.4	12.1	12.4	13.1	14.3
	8H	12.2	12.9	13.2	13.8	15.1	12.2	12.9	13.2	13.8	15.1
	12H	13.0	13.6	14.0	14.6	15.8	13.0	13.6	14.0	14.6	15.8
8H	4H	10.3	10.9	11.3	11.9	13.2	10.3	10.9	11.3	11.9	13.2
	6H	12.2	12.7	13.1	13.7	15.0	12.2	12.7	13.1	13.7	15.0
	8H	13.1	13.6	14.1	14.6	15.9	13.1	13.6	14.1	14.6	15.9
	12H	14.1	14.5	15.1	15.5	16.8	14.1	14.5	15.1	15.5	16.8
12H	4H	10.4	11.0	11.4	12.0	13.3	10.4	11.0	11.4	12.0	13.3
	6H	12.4	12.8	13.3	13.8	15.1	12.4	12.8	13.3	13.8	15.1
	8H	13.4	13.8	14.4	14.8	16.1	13.4	13.8	14.4	14.8	16.1

(END OF REPORT)