

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: P1244914

Luminaire Tested: PRLX-MIN-M-935-03L-U-PS

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1244914
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-935-03L-U-PS
Description: 3D PRINTED PENDANT LED LUMINAIRE, MEDIUM LIGHT ENGINE, PINSTRIPE SHADE TEXTURE
LIGHT LEVEL 2
Light Source: -
Ballast/Driver: -

Summary

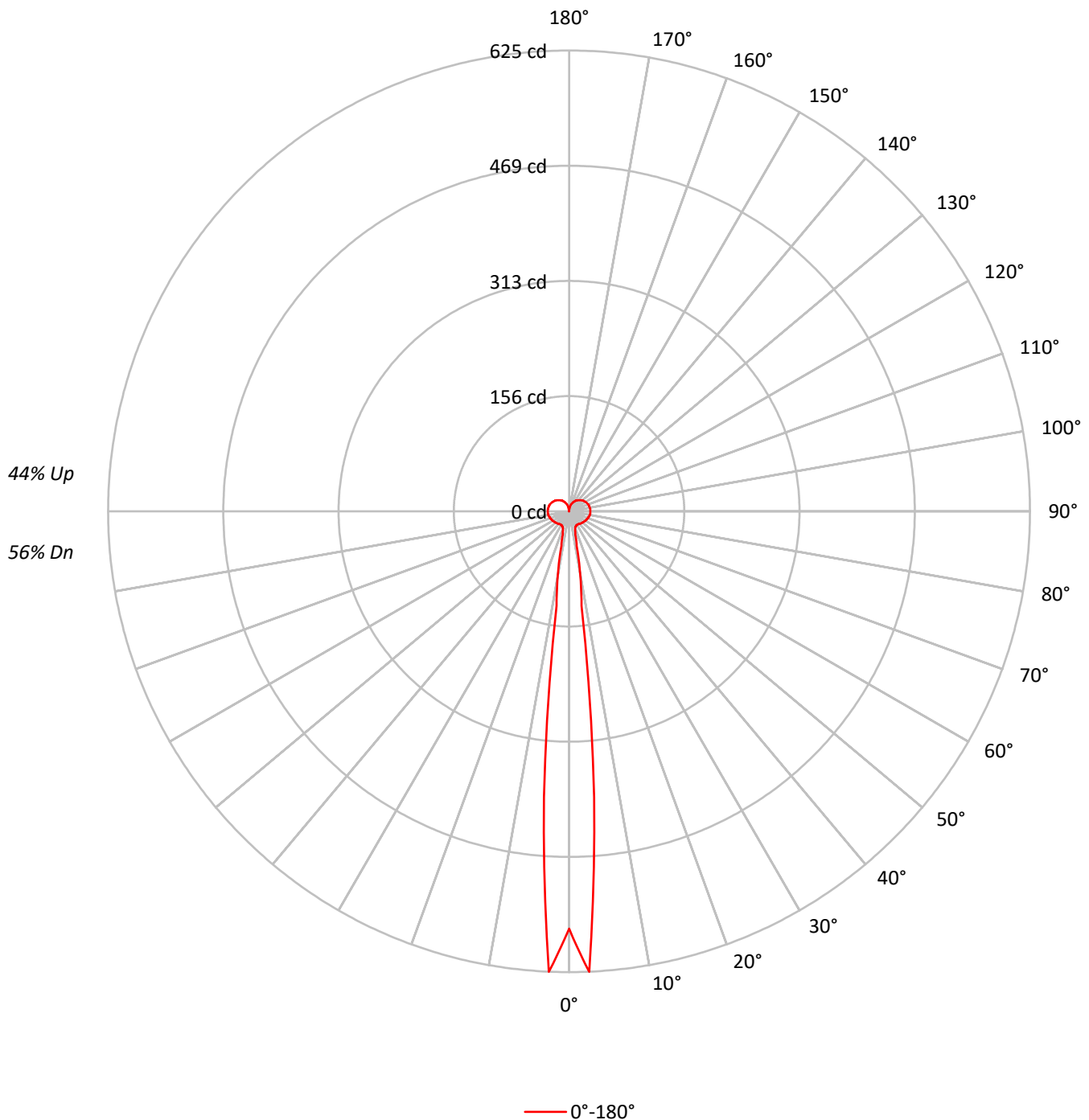
Lumens per Lamp: N/A
Luminaire Lumens: 333.0 lumens
Efficiency: N/A
Efficacy: 30.0 lumens/watt
Spacing Criteria (0/90/45): 0.21 / 0.21 / 0.18
Luminous Opening: Rectangular w/ Sides (W: 0.46' x L: 0.46' x H: 1.92')
CIE Type: General Diffuse

Input Watts (W): 11.1
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

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CATALOG NUMBER: PRLX-MIN-M-935-03L-U-PS

Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20			
RC	80				70				50				30				10			
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	31		
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	19	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°	29001
5°	14658
10°	2627
15°	836
20°	523
25°	424
30°	369
35°	339
40°	328
45°	322
50°	317
55°	315
60°	317
65°	320
70°	325
75°	334
80°	339
85°	347

MAXIMUM LUMINANCE 45°-90°:

Luminance: 353 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.9	7.5
10°-20°	10.9	3.3
20°-30°	10.3	3.1
30°-40°	13.5	4.1
40°-50°	17.8	5.4
50°-60°	22.1	6.6
60°-70°	26.1	7.8
70°-80°	29.6	8.9
80°-90°	31.4	9.4
90°-100°	31.4	9.4
100°-110°	29.7	8.9
110°-120°	26.5	8.0
120°-130°	21.9	6.6
130°-140°	16.5	5.0
140°-150°	11.3	3.4
150°-160°	6.4	1.9
160°-170°	2.5	0.8
170°-180°	0.2	0.1
0°-30°	46.1	13.8
0°-40°	59.6	17.9
0°-60°	99.5	29.9
0°-90°	186.6	56.0
90°-120°	87.6	26.3
90°-150°	137.3	41.2
90°-180°	146.0	43.8
0°-180°	333.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	566	
5°	389	25
15°	33	11
25°	22	10
35°	21	14
45°	23	18
55°	25	22
65°	26	26
75°	28	30
85°	29	23
90°	29	16
95°	29	23
105°	28	30
115°	27	26
125°	24	22
135°	21	17
145°	18	11
155°	14	6
165°	9	3
175°	1	0
180°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	565.9
2.5°	625.2
5°	389.2
7.5°	129.1
10°	87.7
12.5°	48.0
15°	33.4
17.5°	27.6
20°	24.2
22.5°	23.0
25°	22.1
27.5°	21.3
30°	21.3
32.5°	21.3
35°	21.3
37.5°	21.7
40°	22.1
42.5°	22.6
45°	23.0
47.5°	23.4
50°	23.8
52.5°	24.2
55°	24.6
57.5°	25.1
60°	25.5
62.5°	25.9
65°	26.3
67.5°	26.7
70°	27.1
72.5°	27.6
75°	28.0
77.5°	28.4
80°	28.4
82.5°	28.8
85°	28.8
87.5°	28.8
90°	28.8
92.5°	28.8
95°	28.8
97.5°	28.8
100°	28.4
102.5°	28.4
105°	28.0
107.5°	28.0
110°	27.6

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CANDELA DISTRIBUTION (continued):

	0°
112.5°	27.1
115°	26.7
117.5°	26.3
120°	25.5
122.5°	25.1
125°	24.2
127.5°	23.8
130°	23.0
132.5°	22.1
135°	21.3
137.5°	20.5
140°	19.6
142.5°	18.8
145°	18.0
147.5°	17.1
150°	15.9
152.5°	14.6
155°	13.8
157.5°	12.5
160°	11.3
162.5°	10.4
165°	8.8
167.5°	7.1
170°	5.0
172.5°	2.9
175°	0.8
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	3.4	4.4	4.3	5.3	6.5	3.4	4.4	4.3	5.3	6.5
	3H	6.4	7.4	7.3	8.3	9.5	6.4	7.4	7.3	8.3	9.5
	4H	7.9	8.8	8.8	9.7	10.9	7.9	8.8	8.8	9.7	10.9
	6H	9.4	10.2	10.3	11.2	12.4	9.4	10.2	10.3	11.2	12.4
	8H	10.1	10.9	11.0	11.9	13.1	10.1	10.9	11.0	11.9	13.1
	12H	10.8	11.6	11.7	12.5	13.8	10.8	11.6	11.7	12.5	13.8
4H	2H	4.2	5.1	5.1	6.0	7.2	4.2	5.1	5.1	6.0	7.2
	3H	7.4	8.2	8.3	9.1	10.3	7.4	8.2	8.3	9.1	10.3
	4H	9.0	9.8	9.9	10.7	11.9	9.0	9.8	9.9	10.7	11.9
	6H	10.7	11.3	11.6	12.3	13.5	10.7	11.3	11.6	12.3	13.5
	8H	11.5	12.1	12.4	13.1	14.3	11.5	12.1	12.4	13.1	14.3
	12H	12.3	12.8	13.2	13.8	15.1	12.3	12.8	13.2	13.8	15.1
8H	4H	9.6	10.2	10.5	11.1	12.4	9.6	10.2	10.5	11.1	12.4
	6H	11.4	11.9	12.4	12.9	14.2	11.4	11.9	12.4	12.9	14.2
	8H	12.3	12.8	13.3	13.8	15.1	12.3	12.8	13.3	13.8	15.1
	12H	13.3	13.7	14.3	14.7	16.1	13.3	13.7	14.3	14.7	16.1
12H	4H	9.7	10.2	10.6	11.2	12.5	9.7	10.2	10.6	11.2	12.5
	6H	11.6	12.1	12.6	13.1	14.4	11.6	12.1	12.6	13.1	14.4
	8H	12.6	13.0	13.6	14.0	15.4	12.6	13.0	13.6	14.0	15.4

(END OF REPORT)