

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: PORTFOLIO

Report Number: P1309862

Luminaire Tested: LDSQA3D02R259035DE010 3LSQPHRLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1309862
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D02R259035DE010 3LSQPHRLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 90CRI , 3LSQPHRLP1MW TRIM
Light Source: -
Ballast/Driver: -

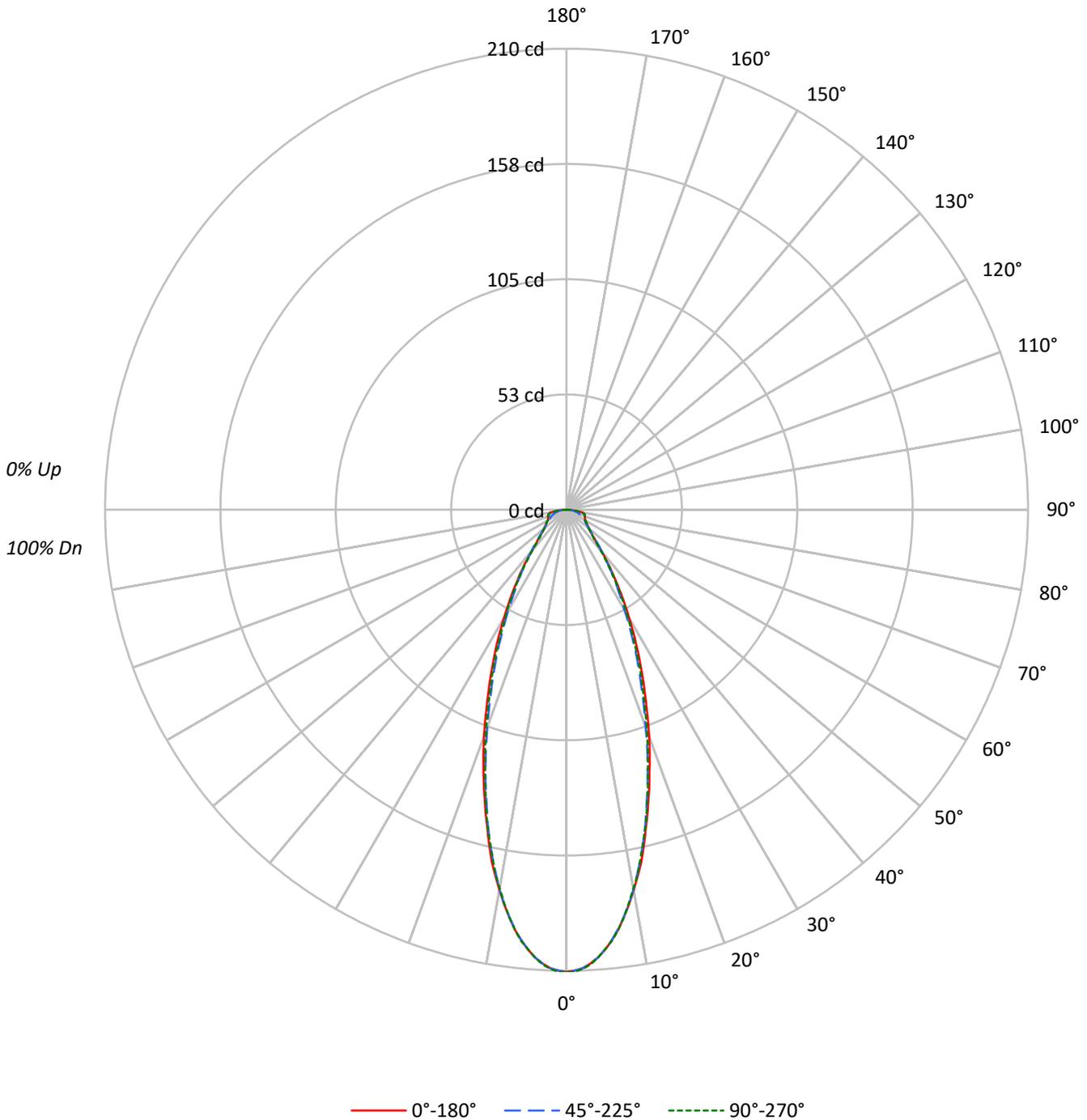
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 158.9 lumens
Efficiency: N/A
Efficacy: 44.2 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.64 / 0.68
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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: 24 FT

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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		0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	111	107	104	101	109	105	102	99	101	99	96	97	95	93	94	92	91	89		
2	104	98	92	88	102	96	91	87	93	89	85	89	86	83	87	84	81	80		
3	98	90	83	78	95	88	82	78	85	80	76	83	79	75	80	77	74	72		
4	92	83	76	71	90	81	75	70	79	74	69	77	72	69	75	71	68	66		
5	87	77	70	65	85	76	69	64	74	68	64	72	67	63	70	66	63	61		
6	82	72	65	60	80	71	64	59	69	63	59	68	62	59	66	62	58	56		
7	78	67	60	55	76	66	60	55	65	59	55	64	58	55	63	58	54	53		
8	74	63	56	52	72	62	56	52	61	55	51	60	55	51	59	54	51	49		
9	70	60	53	49	69	59	53	48	58	52	48	57	52	48	56	51	48	46		
10	67	56	50	46	66	56	50	46	55	49	46	54	49	45	53	49	45	44		

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	36253	36253	36253
5°	34784	34749	34749
10°	30761	30709	30621
15°	25390	25033	25176
20°	20124	19299	19610
25°	15316	14518	14898
30°	11296	10500	10938
35°	8073	7716	7821
40°	5531	5643	5373
45°	4092	4335	4043
50°	3563	3563	3510
55°	3393	3243	3393
60°	3444	3203	3444
65°	3790	3260	3790
70°	4532	3273	4431
75°	5656	3527	5656
80°	7240	3769	6744
85°	5928	3557	5928

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 80°
 Luminance: 7240 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.4	11.6
10°-20°	39.0	24.6
20°-30°	35.8	22.5
30°-40°	23.6	14.8
40°-50°	13.7	8.6
50°-60°	10.0	6.3
60°-70°	8.5	5.3
70°-80°	7.0	4.4
80°-90°	2.9	1.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	93.2	58.6
0°-40°	116.8	73.5
0°-60°	140.5	88.4
0°-90°	158.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	158.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	210	210	210	210	210	
5°	201	201	201	201	201	18
15°	142	142	140	141	141	39
25°	81	78	76	77	78	37
35°	38	38	37	37	37	24
45°	17	17	18	17	17	14
55°	11	11	11	11	11	10
65°	9	8	8	8	9	9
75°	8	6	5	6	8	9
85°	3	3	2	3	3	3
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	210.5	210.5	210.5	210.5	210.5
1°	210.0	210.0	210.0	210.0	210.5
2°	209.0	208.8	209.0	209.0	209.3
3°	207.0	207.0	207.0	207.0	207.5
4°	204.5	204.5	204.5	204.5	204.5
5°	201.2	201.0	201.0	201.2	201.0
6°	197.2	197.2	197.2	197.2	197.5
7°	192.7	192.4	192.4	192.2	192.7
8°	187.4	187.4	187.2	186.9	187.4
9°	181.9	182.1	181.6	181.4	181.4
10°	175.9	175.6	175.6	175.6	175.1
11°	169.8	169.1	168.8	168.8	169.3
12°	163.8	162.5	162.0	162.0	162.0
13°	156.5	156.0	155.3	154.8	155.0
14°	149.2	149.2	148.0	148.0	148.5
15°	142.4	141.9	140.4	140.9	141.2
17.5°	125.6	124.6	122.8	122.8	123.1
20°	109.8	108.0	105.3	106.5	107.0
22.5°	94.2	92.5	89.7	90.9	91.4
25°	80.6	78.4	76.4	76.6	78.4
27.5°	68.3	65.8	63.8	64.6	65.6
30°	56.8	55.3	52.8	54.0	55.0
32.5°	47.0	45.7	44.0	44.7	45.7
35°	38.4	37.7	36.7	36.7	37.2
37.5°	31.2	30.9	30.4	30.1	29.9
40°	24.6	25.1	25.1	24.6	23.9
42.5°	20.1	20.6	21.1	20.1	19.3
45°	16.8	17.3	17.8	16.8	16.6
47.5°	14.8	15.1	15.3	14.8	14.6
50°	13.3	13.3	13.3	13.1	13.1
52.5°	12.3	12.1	11.8	12.1	12.1
55°	11.3	11.3	10.8	11.1	11.3
57.5°	10.6	10.3	10.0	10.3	10.6
60°	10.0	9.5	9.3	9.5	10.0
62.5°	9.5	9.0	8.5	9.0	9.5
65°	9.3	8.5	8.0	8.5	9.3
67.5°	9.0	8.0	7.3	8.0	9.0
70°	9.0	7.5	6.5	7.5	8.8
72.5°	8.8	7.0	6.0	7.0	8.8
75°	8.5	6.5	5.3	6.5	8.5
77.5°	8.3	6.0	4.5	6.0	8.0
80°	7.3	5.5	3.8	5.5	6.8
82.5°	5.3	4.5	3.0	4.5	5.0
85°	3.0	3.3	1.8	3.3	3.0
87.5°	0.5	0.8	0.5	1.3	1.0



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)