

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: P1319754

Luminaire Tested: LDSQA3D02R709840DE010 3LSQCLDWWR1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1319754
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-46)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D02R709840DE010 3LSQCLDWWR1MB
Description: 3in Adjustable LED luminaire with, R70 optic, 4000K CCT AND, 98CRI , 3LSQCLDWWR1MB TRI
Light Source: -
Ballast/Driver: -

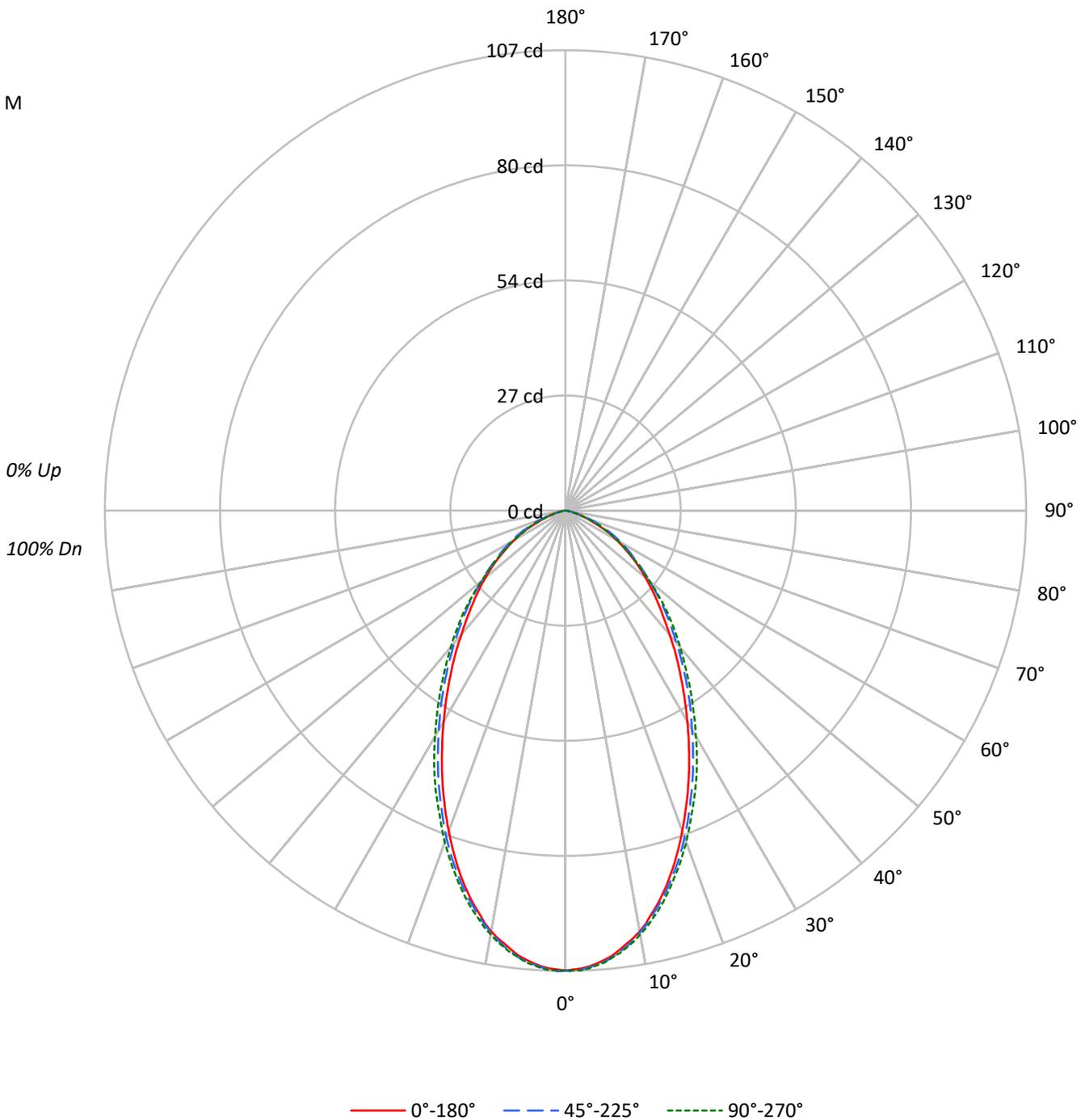
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 153.0 lumens
Efficiency: N/A
Efficacy: 42.5 lumens/watt
Spacing Criteria (0/90/45): 0.89 / 0.93 / 1
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 (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: 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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	111	108	104	102	109	106	103	100	101	99	97	98	96	94	94	93	91	89
2	103	97	92	87	101	95	90	86	92	88	84	89	85	82	86	83	80	79
3	96	87	81	76	94	86	80	75	83	78	74	81	76	72	78	74	71	69
4	89	79	72	66	87	78	71	66	76	70	65	74	69	64	72	67	64	62
5	83	72	65	59	81	71	64	59	69	63	58	67	62	58	66	61	57	55
6	78	66	59	53	76	65	58	53	64	57	53	62	56	52	61	56	52	50
7	73	61	53	48	71	60	53	48	59	52	48	58	52	47	56	51	47	45
8	68	57	49	44	67	56	49	44	55	48	44	53	48	43	52	47	43	41
9	64	53	45	40	63	52	45	40	51	45	40	50	44	40	49	44	40	38
10	61	49	42	37	60	49	42	37	48	41	37	47	41	37	46	41	37	35

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	18411	18411	18411
5°	18118	18187	18222
10°	17366	17401	17488
15°	16118	16243	16386
20°	14534	14827	15029
25°	12884	13245	13568
30°	11256	11693	12051
35°	9776	10302	10617
40°	8453	9015	9308
45°	7404	7916	8135
50°	6511	6805	6805
55°	5645	5915	5765
60°	4788	5098	4822
65°	3708	4238	3871
70°	2669	3172	2669
75°	1996	1863	1530
80°	1289	893	397
85°	395	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 45°
 Luminance: 8135 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.9	6.4
10°-20°	25.4	16.6
20°-30°	31.9	20.9
30°-40°	30.5	19.9
40°-50°	24.8	16.2
50°-60°	17.4	11.3
60°-70°	9.8	6.4
70°-80°	3.1	2.0
80°-90°	0.2	0.2
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°	67.2	43.9
0°-40°	97.7	63.9
0°-60°	139.8	91.4
0°-90°	153.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	153.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	107	107	107	107	107	
5°	105	105	105	105	105	10
15°	90	90	91	91	92	25
25°	68	68	70	71	71	31
35°	46	47	49	50	50	29
45°	30	31	32	33	33	24
55°	19	19	20	19	19	17
65°	9	10	10	10	10	9
75°	3	3	3	2	2	3
85°	0	0	0	0	0	0
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	106.9	106.9	106.9	106.9	106.9
1°	106.7	106.9	107.1	106.7	106.9
2°	106.5	106.7	106.7	106.5	106.9
3°	106.1	106.3	106.3	106.1	106.5
4°	105.5	105.7	105.7	105.5	105.9
5°	104.8	105.0	105.2	105.0	105.4
6°	104.0	104.2	104.4	104.2	104.4
7°	102.9	103.3	103.3	103.3	103.6
8°	101.7	102.1	102.3	102.1	102.5
9°	100.6	100.8	101.0	101.0	101.4
10°	99.3	99.5	99.5	99.7	100.0
11°	97.8	97.8	98.1	98.1	98.7
12°	95.9	96.1	96.4	96.6	97.0
13°	94.2	94.3	94.7	94.9	95.5
14°	92.3	92.6	93.0	93.2	93.8
15°	90.4	90.5	91.1	91.3	91.9
17.5°	85.0	85.2	86.2	86.6	87.1
20°	79.3	79.9	80.9	81.4	82.0
22.5°	73.5	74.0	75.2	76.1	76.5
25°	67.8	68.5	69.7	70.8	71.4
27.5°	62.1	62.8	64.2	65.3	66.1
30°	56.6	57.3	58.8	59.8	60.6
32.5°	51.4	52.2	53.9	54.9	55.4
35°	46.5	47.3	49.0	49.9	50.5
37.5°	42.1	42.9	44.4	45.4	45.7
40°	37.6	38.5	40.1	41.0	41.4
42.5°	33.8	34.5	36.1	36.8	37.4
45°	30.4	31.1	32.5	33.0	33.4
47.5°	27.3	27.7	28.9	29.0	29.4
50°	24.3	24.7	25.4	25.6	25.4
52.5°	21.5	21.8	22.4	22.2	22.2
55°	18.8	19.0	19.7	19.4	19.2
57.5°	16.1	16.5	17.3	16.7	16.5
60°	13.9	14.2	14.8	14.4	14.0
62.5°	11.6	11.8	12.7	12.0	11.6
65°	9.1	9.7	10.4	9.9	9.5
67.5°	6.8	7.8	8.5	7.8	7.4
70°	5.3	5.7	6.3	5.9	5.3
72.5°	4.0	4.2	4.4	4.0	3.6
75°	3.0	3.0	2.8	2.5	2.3
77.5°	2.1	2.1	1.7	1.1	1.1
80°	1.3	1.3	0.9	0.4	0.4
82.5°	0.6	0.6	0.4	0.2	0.2
85°	0.2	0.2	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0



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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)