

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: P1309939

Luminaire Tested: LDSQA3D02R609035DE010 3LSQCDR1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1309939
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-29)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D02R609035DE010 3LSQCDR1MB
Description: 3in Adjustable LED luminaire with, R60 optic, 3500K CCT AND, 90CRI , 3LSQCDR1MB TRIM
Light Source: -
Ballast/Driver: -

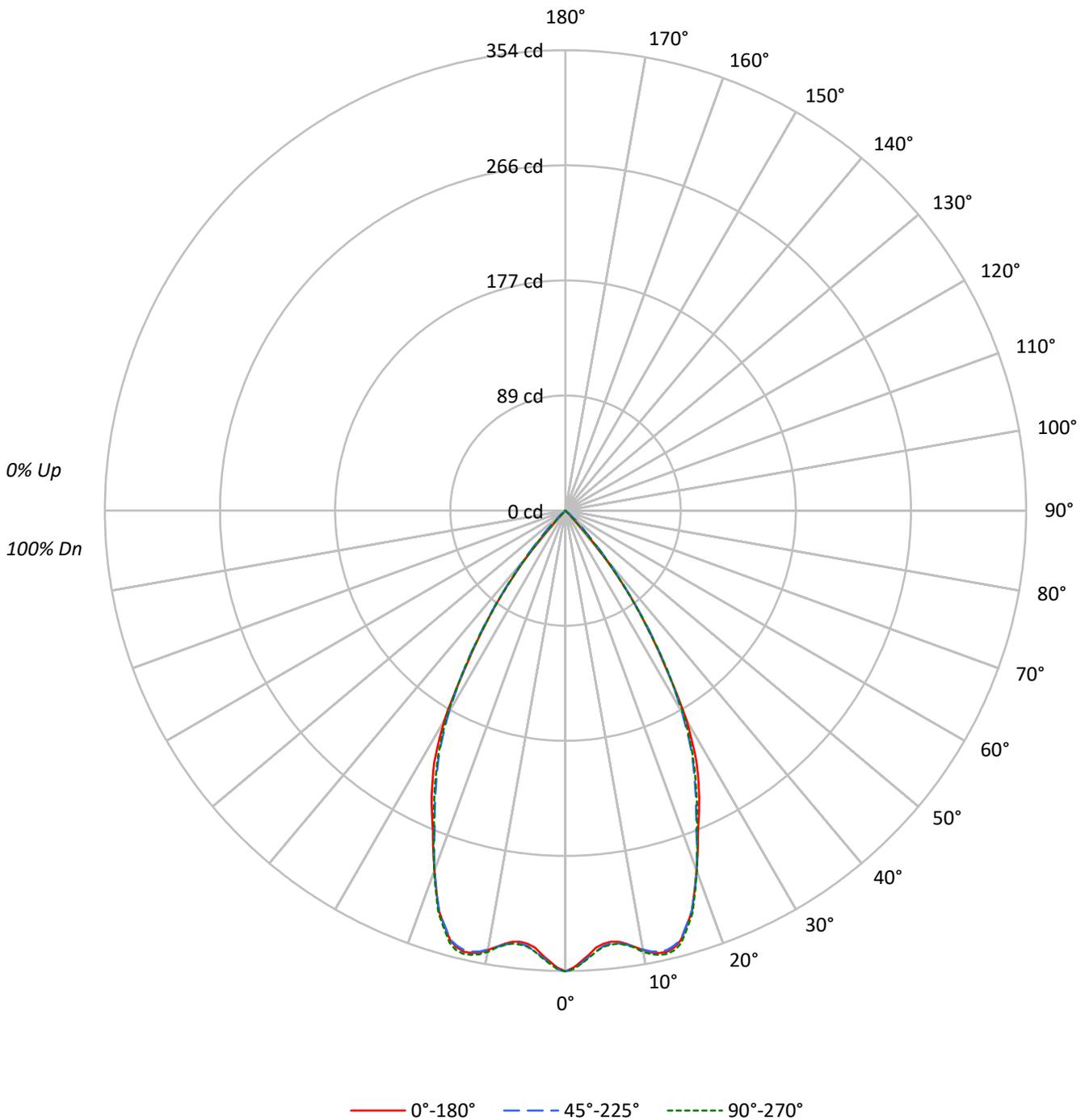
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 314.0 lumens
Efficiency: N/A
Efficacy: 87.2 lumens/watt
Spacing Criteria (0/90/45): 0.95 / 0.93 / 0.9
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				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	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	100
1	114	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	96	96	96	94
2	108	104	100	97	106	102	98	95	99	96	93	96	93	91	93	91	89	93	91	89	88
3	103	97	92	88	101	96	91	88	93	89	86	91	88	85	88	86	84	88	86	84	82
4	98	91	86	81	96	90	85	81	88	83	80	86	82	79	84	81	78	84	81	78	77
5	93	85	80	76	92	84	79	75	83	78	75	81	77	74	79	76	73	79	76	73	72
6	89	80	74	70	87	79	74	70	78	73	70	77	72	69	75	72	69	75	72	69	67
7	85	76	70	66	83	75	69	65	74	69	65	72	68	65	71	67	64	71	67	64	63
8	81	71	66	62	79	71	65	61	70	65	61	69	64	61	68	64	61	68	64	61	59
9	77	67	62	58	76	67	61	58	66	61	57	65	61	57	64	60	57	64	60	57	56
10	73	64	58	54	72	63	58	54	63	58	54	62	57	54	61	57	54	61	57	54	53

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	61018	61018	61018
5°	57794	58088	58174
10°	60001	59914	60263
15°	60996	60907	61352
20°	53975	53975	54066
25°	46252	44865	45245
30°	37009	35657	36194
35°	22959	23421	22896
40°	10072	11084	10364
45°	122	3605	317
50°	0	402	0
55°	0	0	0
60°	0	0	0
65°	0	0	0
70°	0	0	0
75°	0	0	0
80°	0	0	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°
 Vertical Angle: 45°
 Luminance: 3605 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.4	10.3
10°-20°	93.8	29.9
20°-30°	108.9	34.7
30°-40°	68.6	21.8
40°-50°	10.3	3.3
50°-60°	0.1	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	235.1	74.9
0°-40°	303.6	96.7
0°-60°	314.0	100.0
0°-90°	314.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	314.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	354	354	354	354	354	
5°	334	336	336	337	336	32
15°	342	341	342	344	344	94
25°	243	241	236	237	238	111
35°	109	109	111	109	109	68
45°	0	5	15	6	1	7
55°	0	0	0	0	0	0
65°	0	0	0	0	0	0
75°	0	0	0	0	0	0
85°	0	0	0	0	0	0
90°	0	0	0	0	0	0



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	354.3	354.3	354.3	354.3	354.3
1°	351.6	352.6	352.6	352.8	352.6
2°	346.8	348.3	348.3	349.1	348.6
3°	342.1	343.3	343.6	344.6	344.3
4°	336.8	338.8	339.6	340.1	339.8
5°	334.3	335.5	336.0	336.8	336.5
6°	333.3	334.3	334.8	335.5	335.5
7°	334.0	334.8	335.5	336.0	335.5
8°	336.3	337.0	337.0	338.0	337.3
9°	339.6	339.8	339.8	341.1	340.3
10°	343.1	342.6	342.6	344.3	344.6
11°	346.1	345.6	345.3	347.1	347.6
12°	347.8	346.8	346.8	349.1	349.3
13°	348.1	346.8	346.8	349.1	349.8
14°	346.1	344.6	344.8	347.3	348.1
15°	342.1	340.8	341.6	343.8	344.1
17.5°	323.0	322.3	322.8	324.3	324.5
20°	294.5	294.0	294.5	294.5	295.0
22.5°	266.2	264.9	262.4	263.9	264.2
25°	243.4	240.6	236.1	237.1	238.1
27.5°	218.4	214.8	210.1	211.3	211.6
30°	186.1	184.3	179.3	180.5	182.0
32.5°	143.7	148.5	145.5	145.2	145.5
35°	109.2	109.4	111.4	109.2	108.9
37.5°	76.4	76.6	78.1	75.6	75.9
40°	44.8	48.1	49.3	48.3	46.1
42.5°	14.0	24.8	28.0	24.3	15.5
45°	0.5	4.8	14.8	6.3	1.3
47.5°	0.0	0.3	7.0	0.5	0.0
50°	0.0	0.0	1.5	0.0	0.0
52.5°	0.0	0.0	0.3	0.0	0.0
55°	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	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)