

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: P1311225

Luminaire Tested: LDSQA3D05R609040DE010 3LSQCDR1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1311225
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: LDSQA3D05R609040DE010 3LSQCDR1MB
Description: 3in Adjustable LED luminaire with, R60 optic, 4000K CCT AND, 90CRI , 3LSQCDR1MB TRIM
Light Source: -
Ballast/Driver: -

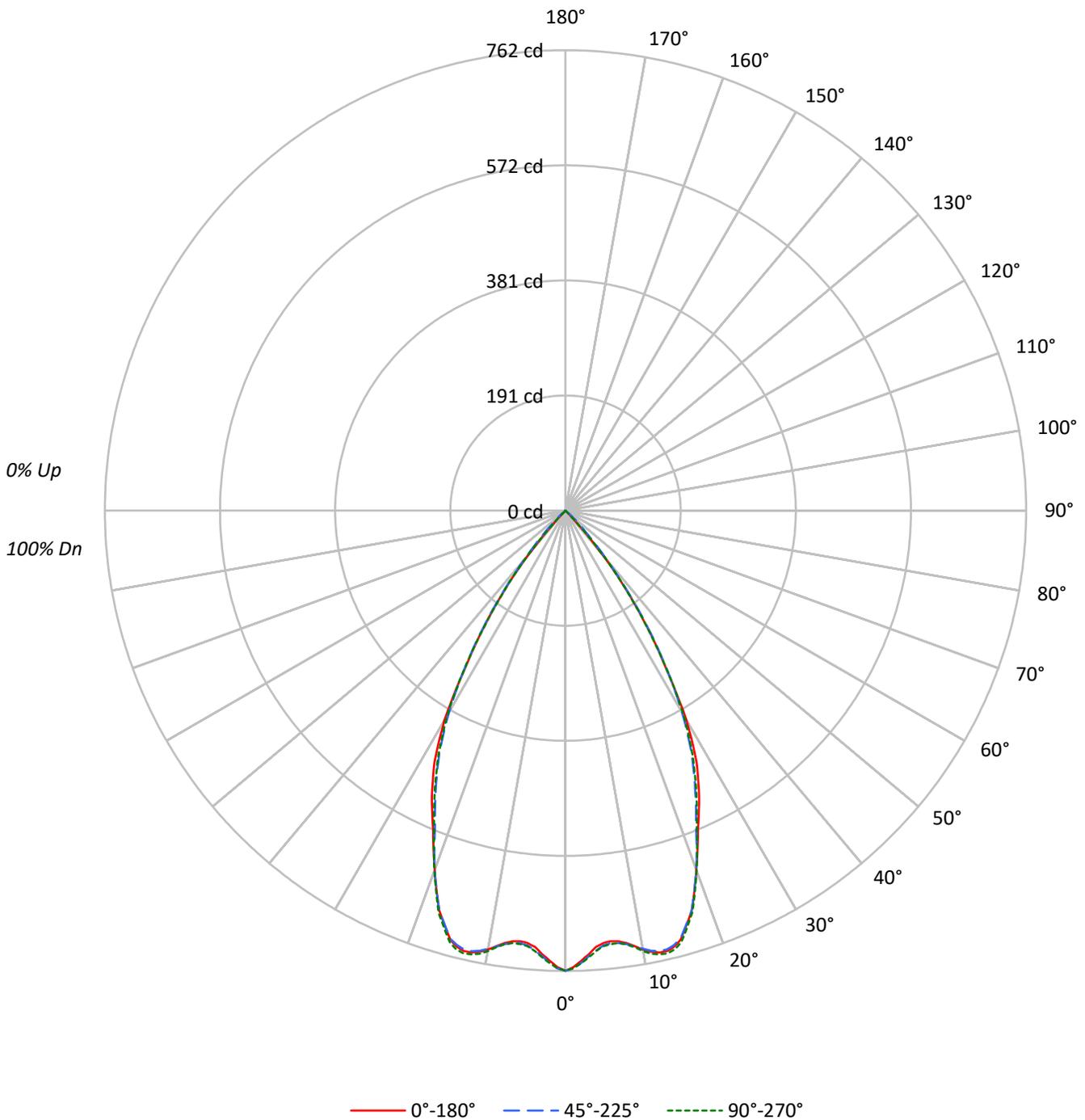
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 675.0 lumens
Efficiency: N/A
Efficacy: 93.7 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): 7.2
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	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°	131182	131182	131182
5°	124232	124889	125079
10°	128974	128781	129533
15°	131103	130906	131869
20°	116013	116013	116215
25°	99422	96458	97275
30°	79546	76643	77816
35°	49345	50354	49239
40°	21673	23831	22257
45°	268	7745	658
50°	0	857	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: 7745 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	69.6	10.3
10°-20°	201.7	29.9
20°-30°	234.1	34.7
30°-40°	147.4	21.8
40°-50°	22.1	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°	505.3	74.9
0°-40°	652.7	96.7
0°-60°	675.0	100.0
0°-90°	675.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	675.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	762	762	762	762	762	
5°	719	721	722	724	724	69
15°	735	733	734	739	740	202
25°	523	517	508	510	512	238
35°	235	235	240	235	234	147
45°	1	10	32	14	3	14
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°	761.7	761.7	761.7	761.7	761.7
1°	755.8	757.9	757.9	758.5	757.9
2°	745.5	748.8	748.8	750.4	749.3
3°	735.3	738.0	738.5	740.7	740.2
4°	724.0	728.3	729.9	731.0	730.5
5°	718.6	721.3	722.4	724.0	723.5
6°	716.5	718.6	719.7	721.3	721.3
7°	718.1	719.7	721.3	722.4	721.3
8°	722.9	724.5	724.5	726.7	725.1
9°	729.9	730.5	730.5	733.2	731.5
10°	737.5	736.4	736.4	740.2	740.7
11°	743.9	742.8	742.3	746.1	747.2
12°	747.7	745.5	745.5	750.4	750.9
13°	748.2	745.5	745.5	750.4	752.0
14°	743.9	740.7	741.2	746.6	748.2
15°	735.3	732.6	734.2	739.1	739.6
17.5°	694.4	692.8	693.9	697.1	697.6
20°	633.0	632.0	633.0	633.0	634.1
22.5°	572.2	569.5	564.1	567.4	567.9
25°	523.2	517.3	507.6	509.8	511.9
27.5°	469.4	461.9	451.6	454.3	454.9
30°	400.0	396.2	385.4	388.1	391.3
32.5°	309.0	319.2	312.7	312.2	312.7
35°	234.7	235.2	239.5	234.7	234.2
37.5°	164.2	164.7	167.9	162.6	163.1
40°	96.4	103.4	106.0	103.9	99.0
42.5°	30.1	53.3	60.3	52.2	33.4
45°	1.1	10.2	31.8	13.5	2.7
47.5°	0.0	0.5	15.1	1.1	0.0
50°	0.0	0.0	3.2	0.0	0.0
52.5°	0.0	0.0	0.5	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)