

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: P1310109

Luminaire Tested: LDSQA3D05R609035DE010 3LSQCDR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1310109
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-41)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D05R609035DE010 3LSQCDR1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 3500K CCT AND, 90CRI , 3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

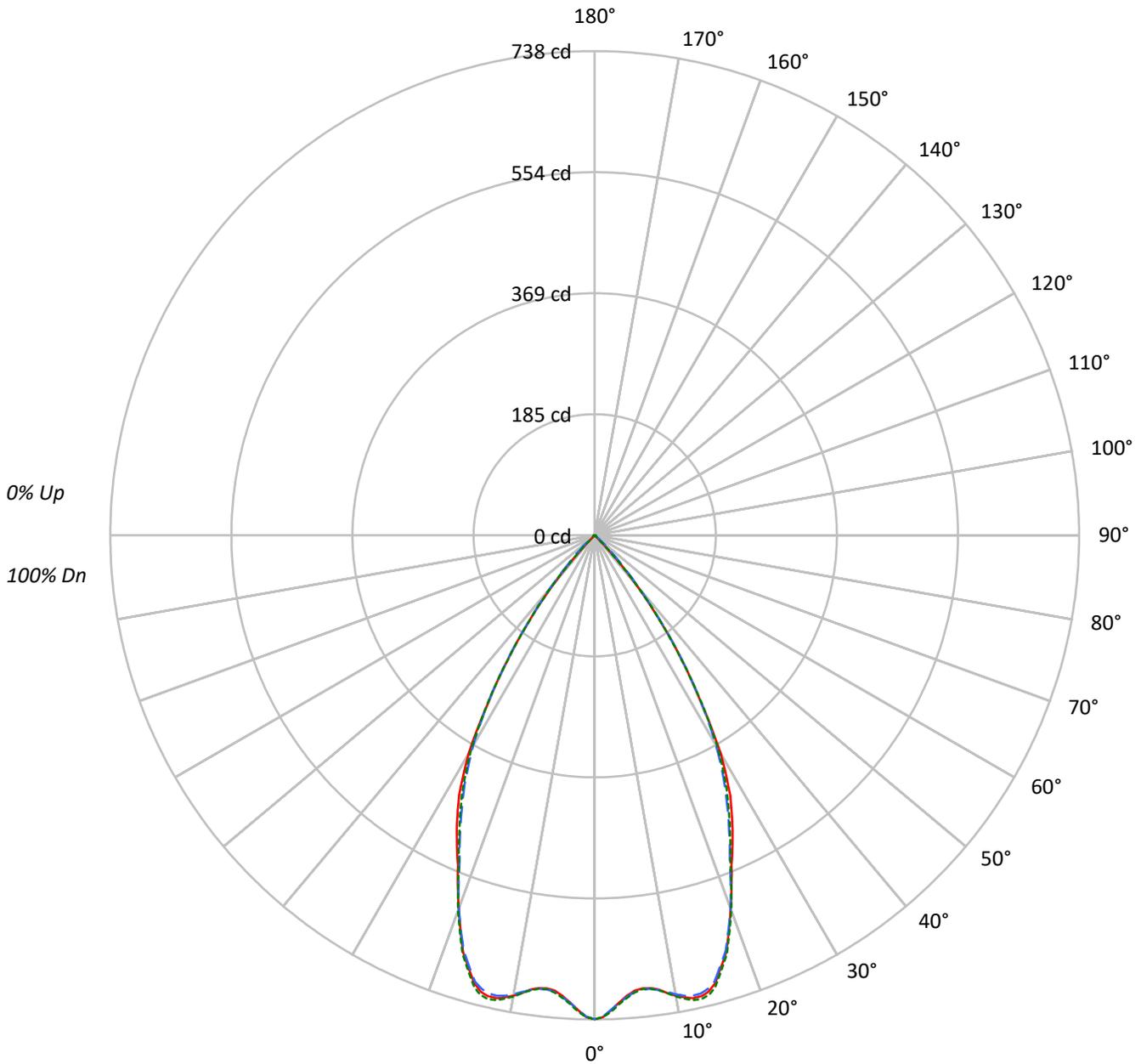
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 658.0 lumens
Efficiency: N/A
Efficacy: 91.4 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.92 / 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 (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



— 0°-180° - - 45°-225° - - - 90°-270°



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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	108	106	111	109	107	105	105	103	101	101	100	98	98	96	95	95	95	95	94
2	108	103	99	96	106	102	98	95	98	95	93	95	93	91	93	91	89	89	89	89	87
3	103	97	92	88	101	95	91	87	93	89	86	90	87	84	88	85	83	83	83	83	82
4	98	90	85	81	96	89	84	80	87	83	79	85	81	79	83	80	78	78	78	78	76
5	93	85	79	75	91	84	79	75	82	77	74	80	76	73	79	75	73	73	73	73	71
6	88	80	74	70	87	79	73	69	77	73	69	76	72	68	75	71	68	68	68	68	67
7	84	75	69	65	83	74	69	65	73	68	64	72	67	64	71	67	64	64	64	64	62
8	80	71	65	61	79	70	65	61	69	64	60	68	64	60	67	63	60	60	60	60	59
9	76	67	61	57	75	66	61	57	65	60	57	65	60	57	64	60	56	56	56	56	55
10	73	63	58	54	72	63	57	54	62	57	54	61	57	53	61	56	53	53	53	53	52

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	127049	127049	127049
5°	120411	120774	120947
10°	124602	124234	124864
15°	126110	125575	126859
20°	111047	110955	111523
25°	94500	91764	92543
30°	76265	73600	74833
35°	48272	48714	48167
40°	22572	23494	22909
45°	1388	8281	1632
50°	697	1929	697
55°	781	781	781
60°	723	723	723
65°	611	856	611
70°	755	755	755
75°	665	665	665
80°	496	496	496
85°	988	988	988

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°
 Vertical Angle: 45°
 Luminance: 8281 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	67.2	10.2
10°-20°	193.7	29.4
20°-30°	223.2	33.9
30°-40°	143.3	21.8
40°-50°	24.9	3.8
50°-60°	2.4	0.4
60°-70°	1.8	0.3
70°-80°	1.1	0.2
80°-90°	0.3	0.1
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°	484.1	73.6
0°-40°	627.4	95.4
0°-60°	654.8	99.5
0°-90°	658.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	658.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	738	738	738	738	738	
5°	696	698	699	700	700	67
15°	707	705	704	709	712	194
25°	497	492	483	483	487	227
35°	230	228	232	227	229	143
45°	6	17	34	20	7	19
55°	3	3	3	3	3	2
65°	2	2	2	2	2	2
75°	1	1	1	1	1	1
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°	737.7	737.7	737.7	737.7	737.7
1°	734.6	734.1	733.6	734.1	734.6
2°	724.3	723.8	723.3	725.4	726.4
3°	713.0	713.5	714.0	715.1	715.6
4°	703.7	704.8	705.3	706.3	706.8
5°	696.5	698.1	698.6	700.1	699.6
6°	694.5	695.5	696.0	696.5	695.5
7°	695.5	696.0	696.5	697.6	696.5
8°	699.1	699.6	700.1	700.6	700.6
9°	706.3	705.3	704.8	706.8	706.3
10°	712.5	710.9	710.4	713.5	714.0
11°	717.6	715.6	715.1	718.7	719.7
12°	721.2	718.1	717.6	722.3	724.3
13°	721.2	717.1	717.1	722.3	725.4
14°	717.1	712.5	712.5	718.1	721.8
15°	707.3	704.8	704.3	708.9	711.5
17.5°	666.2	663.1	663.6	668.7	669.2
20°	605.9	604.4	605.4	606.4	608.5
22.5°	544.7	543.6	538.0	539.5	540.5
25°	497.3	491.6	482.9	483.4	487.0
27.5°	447.4	441.7	429.3	431.9	435.5
30°	383.5	378.9	370.1	371.7	376.3
32.5°	301.2	310.4	302.2	304.8	303.2
35°	229.6	228.1	231.7	227.0	229.1
37.5°	161.6	162.2	163.7	159.6	159.6
40°	100.4	103.0	104.5	102.4	101.9
42.5°	42.2	57.7	60.7	57.7	42.7
45°	5.7	17.0	34.0	20.1	6.7
47.5°	2.6	3.6	18.0	3.6	2.6
50°	2.6	2.6	7.2	2.6	2.6
52.5°	2.6	2.6	2.6	2.6	2.6
55°	2.6	2.6	2.6	2.6	2.6
57.5°	2.6	2.6	2.6	2.6	2.6
60°	2.1	2.1	2.1	2.1	2.1
62.5°	2.1	2.1	2.1	2.1	2.1
65°	1.5	2.1	2.1	2.1	1.5
67.5°	1.5	1.5	1.5	1.5	1.5
70°	1.5	1.5	1.5	1.5	1.5
72.5°	1.0	1.0	1.0	1.0	1.0
75°	1.0	1.0	1.0	1.0	1.0
77.5°	1.0	1.0	1.0	1.0	1.0
80°	0.5	0.5	0.5	0.5	0.5
82.5°	0.5	0.5	0.5	0.5	0.5
85°	0.5	0.5	0.5	0.5	0.5
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)