

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: P1319009

Luminaire Tested: LDSQA3D05R609835DE010 3LSQCDR1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1319009
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: LDSQA3D05R609835DE010 3LSQCDR1MMS
Description: 3in Adjustable LED luminaire with, R60 optic, 3500K CCT AND, 98CRI , 3LSQCDR1MMS TRIM
Light Source: -
Ballast/Driver: -

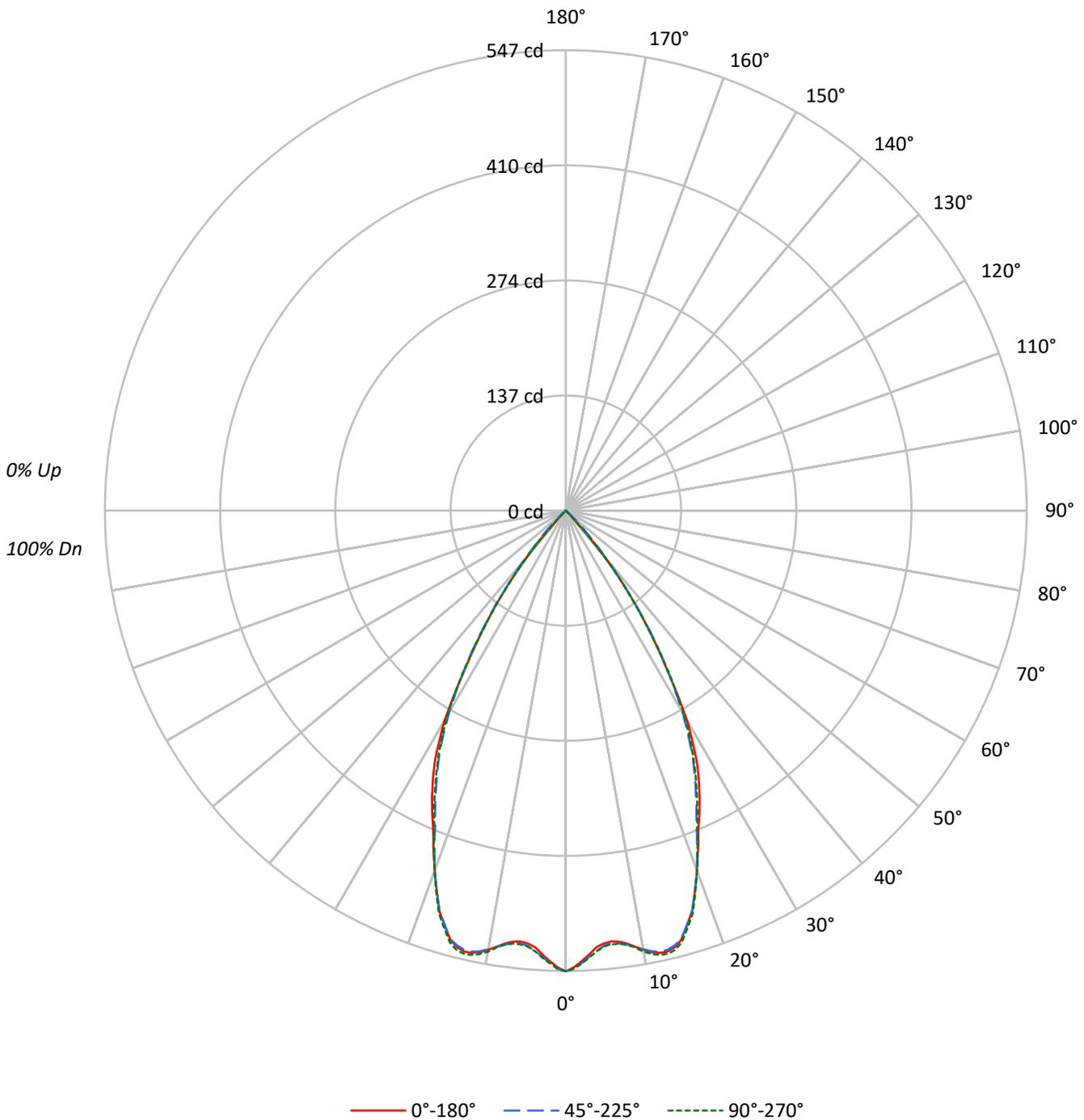
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 485.0 lumens
Efficiency: N/A
Efficacy: 67.4 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				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°	94257	94257	94257
5°	89258	89742	89863
10°	92669	92529	93071
15°	94195	94070	94748
20°	83354	83354	83500
25°	71431	69303	69892
30°	57154	55066	55921
35°	35447	36183	35363
40°	15558	17131	16007
45°	195	5553	463
50°	0	616	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: 5553 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	50.0	10.3
10°-20°	144.9	29.9
20°-30°	168.2	34.7
30°-40°	105.9	21.8
40°-50°	15.9	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°	363.1	74.9
0°-40°	469.0	96.7
0°-60°	485.0	100.0
0°-90°	485.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	485.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	547	547	547	547	547	
5°	516	518	519	520	520	50
15°	528	526	528	531	531	145
25°	376	372	365	366	368	171
35°	169	169	172	169	168	105
45°	1	7	23	10	2	10
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°	547.3	547.3	547.3	547.3	547.3
1°	543.0	544.6	544.6	545.0	544.6
2°	535.7	538.0	538.0	539.2	538.4
3°	528.3	530.3	530.7	532.2	531.8
4°	520.2	523.3	524.5	525.2	524.9
5°	516.3	518.3	519.1	520.2	519.8
6°	514.8	516.3	517.1	518.3	518.3
7°	516.0	517.1	518.3	519.1	518.3
8°	519.4	520.6	520.6	522.1	521.0
9°	524.5	524.9	524.9	526.8	525.6
10°	529.9	529.1	529.1	531.8	532.2
11°	534.5	533.7	533.4	536.1	536.8
12°	537.2	535.7	535.7	539.2	539.6
13°	537.6	535.7	535.7	539.2	540.3
14°	534.5	532.2	532.6	536.5	537.6
15°	528.3	526.4	527.6	531.0	531.4
17.5°	498.9	497.8	498.6	500.9	501.3
20°	454.8	454.1	454.8	454.8	455.6
22.5°	411.1	409.2	405.3	407.7	408.0
25°	375.9	371.7	364.7	366.3	367.8
27.5°	337.3	331.9	324.5	326.4	326.8
30°	287.4	284.7	276.9	278.9	281.2
32.5°	222.0	229.4	224.7	224.3	224.7
35°	168.6	169.0	172.1	168.6	168.2
37.5°	118.0	118.4	120.7	116.8	117.2
40°	69.2	74.3	76.2	74.6	71.2
42.5°	21.7	38.3	43.3	37.5	24.0
45°	0.8	7.3	22.8	9.7	1.9
47.5°	0.0	0.4	10.8	0.8	0.0
50°	0.0	0.0	2.3	0.0	0.0
52.5°	0.0	0.0	0.4	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)