

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: P1318863

Luminaire Tested: LDSQA3D02R609835DE010 3LSQCDR1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1318863
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: LDSQA3D02R609835DE010 3LSQCDR1MMS
Description: 3in Adjustable LED luminaire with, R60 optic, 3500K CCT AND, 98CRI , 3LSQCDR1MMS TRIM
Light Source: -
Ballast/Driver: -

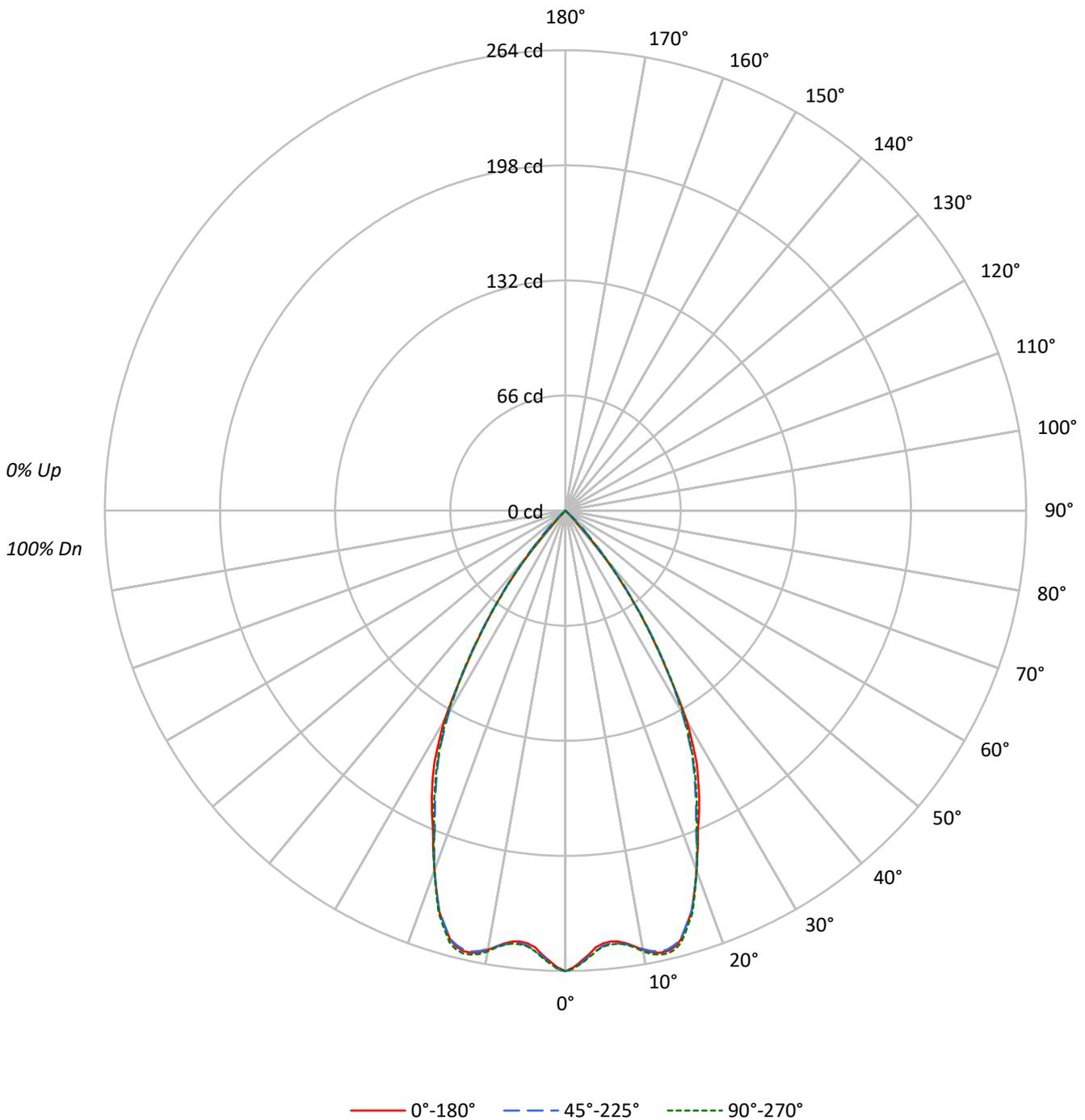
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 234.0 lumens
Efficiency: N/A
Efficacy: 65.0 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°	45484	45484	45484
5°	43065	43289	43358
10°	44717	44647	44909
15°	45448	45377	45716
20°	40229	40229	40284
25°	34471	33445	33730
30°	27583	26568	26986
35°	17114	17450	17072
40°	7509	8273	7711
45°	97	2679	219
50°	0	295	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: 2679 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.1	10.3
10°-20°	69.9	29.9
20°-30°	81.2	34.7
30°-40°	51.1	21.8
40°-50°	7.7	3.3
50°-60°	0.0	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°	175.2	74.9
0°-40°	226.3	96.7
0°-60°	234.0	100.0
0°-90°	234.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	234.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	264	264	264	264	264	
5°	249	250	250	251	251	24
15°	255	254	254	256	256	70
25°	181	179	176	177	178	82
35°	81	82	83	81	81	51
45°	0	4	11	5	1	5
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°	264.1	264.1	264.1	264.1	264.1
1°	262.0	262.7	262.7	262.9	262.7
2°	258.5	259.6	259.6	260.1	259.8
3°	254.9	255.8	256.0	256.8	256.6
4°	251.0	252.5	253.0	253.4	253.2
5°	249.1	250.1	250.4	251.0	250.8
6°	248.4	249.1	249.5	250.1	250.1
7°	248.9	249.5	250.1	250.4	250.1
8°	250.6	251.2	251.2	251.9	251.4
9°	253.0	253.2	253.2	254.2	253.6
10°	255.7	255.3	255.3	256.6	256.8
11°	257.9	257.5	257.3	258.6	259.0
12°	259.2	258.5	258.5	260.1	260.3
13°	259.4	258.5	258.5	260.1	260.7
14°	257.9	256.8	257.0	258.8	259.4
15°	254.9	254.0	254.5	256.2	256.4
17.5°	240.7	240.2	240.5	241.7	241.8
20°	219.5	219.1	219.5	219.5	219.8
22.5°	198.4	197.4	195.6	196.7	196.9
25°	181.4	179.3	176.0	176.7	177.5
27.5°	162.7	160.1	156.6	157.5	157.7
30°	138.7	137.3	133.6	134.5	135.7
32.5°	107.1	110.7	108.4	108.2	108.4
35°	81.4	81.5	83.0	81.4	81.2
37.5°	56.9	57.1	58.2	56.4	56.5
40°	33.4	35.8	36.8	36.0	34.3
42.5°	10.5	18.5	20.9	18.1	11.6
45°	0.4	3.5	11.0	4.7	0.9
47.5°	0.0	0.2	5.2	0.4	0.0
50°	0.0	0.0	1.1	0.0	0.0
52.5°	0.0	0.0	0.2	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)