

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: P1310828

Luminaire Tested: LDSQA3D24R359035D010 3LSQCDR1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1310828
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D24R359035D010 3LSQCDR1MB
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 90CRI , 3LSQCDR1MB TRIM
Light Source: -
Ballast/Driver: -

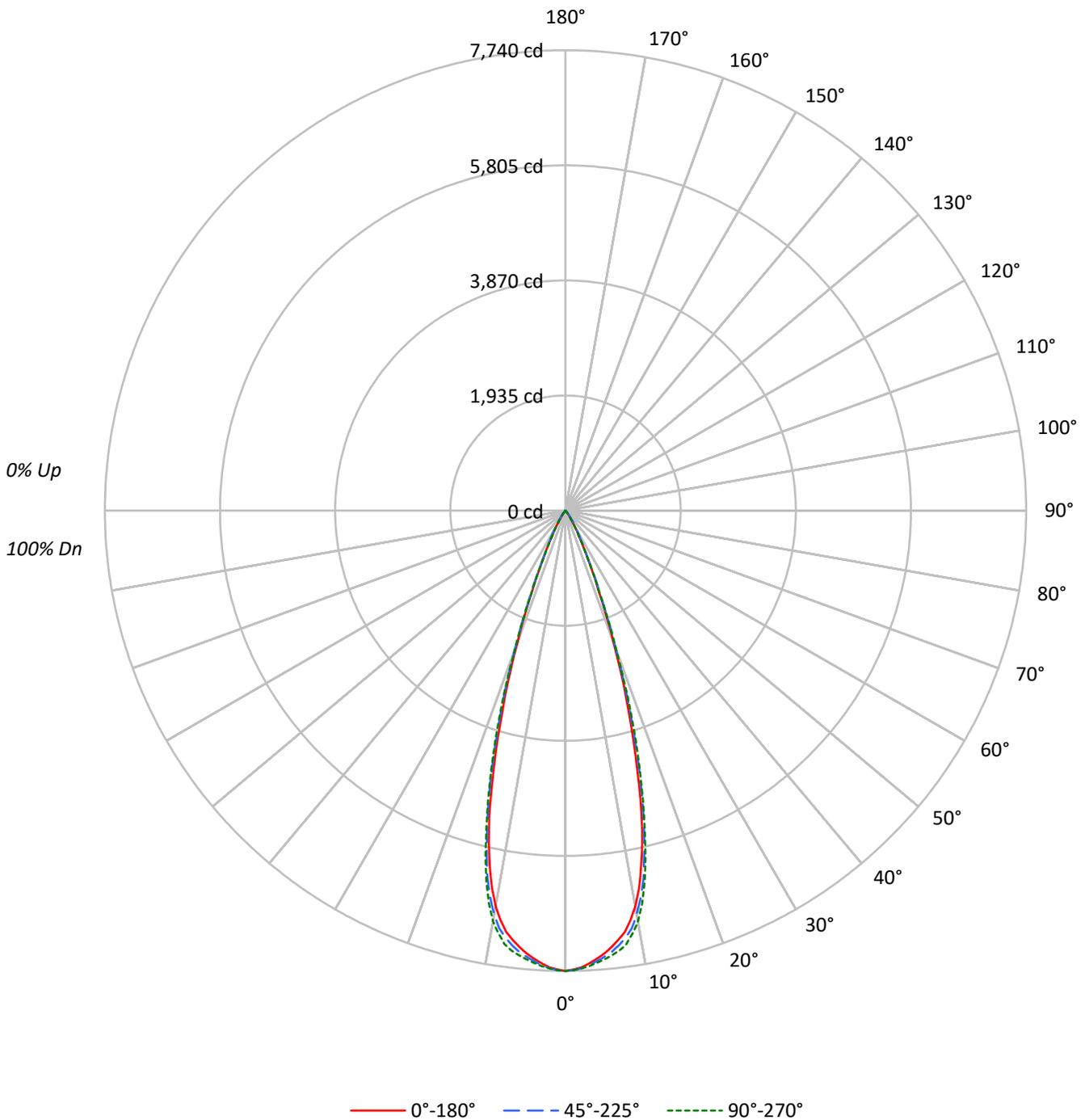
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2577.0 lumens
Efficiency: N/A
Efficacy: 89.5 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	98
1	115	113	111	109	113	111	109	107	107	105	104	103	102	101	100	99	98	96	96	94
2	111	107	104	102	109	106	103	100	102	100	98	100	98	96	97	96	94	93	93	91
3	107	102	99	96	105	101	98	95	99	96	94	96	94	92	94	92	91	89	89	87
4	104	98	94	91	102	97	93	90	95	92	89	93	91	88	92	89	87	86	86	84
5	100	94	90	87	99	93	90	87	92	88	86	90	87	85	89	86	84	83	83	81
6	97	91	86	83	96	90	86	83	89	85	83	88	84	82	86	84	82	80	80	78
7	94	88	83	80	93	87	83	80	86	82	80	85	82	79	84	81	79	78	77	75
8	91	85	80	77	91	84	80	77	83	80	77	82	79	77	81	79	76	75	75	73
9	89	82	78	75	88	81	77	75	81	77	74	80	77	74	79	76	74	73	73	71
10	86	79	75	72	85	79	75	72	78	75	72	78	74	72	77	74	72	71	71	69

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	1332969	1332969	1332969
5°	1292541	1301721	1308775
10°	1181136	1206126	1226832
15°	849394	886515	893790
20°	432439	454138	455256
25°	164069	167566	162910
30°	63736	73879	62106
35°	21887	34333	20604
40°	7352	13309	6880
45°	487	4481	487
50°	0	536	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: 4481 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	700.6	27.2
10°-20°	1305.3	50.7
20°-30°	469.2	18.2
30°-40°	91.6	3.6
40°-50°	10.2	0.4
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°	2475.2	96.0
0°-40°	2566.8	99.6
0°-60°	2577.0	100.0
0°-90°	2577.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2577.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	7740	7740	7740	7740	7740	
5°	7476	7497	7530	7564	7570	693
15°	4764	4844	4972	5007	5013	1266
25°	863	872	882	876	857	453
35°	104	118	163	120	98	77
45°	2	6	18	6	2	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°	7739.8	7739.8	7739.8	7739.8	7739.8
1°	7717.4	7727.6	7729.6	7743.9	7727.6
2°	7684.7	7690.9	7699.0	7711.3	7703.1
3°	7621.5	7633.7	7652.1	7668.4	7668.4
4°	7554.1	7570.4	7592.9	7621.5	7619.4
5°	7476.5	7496.9	7529.6	7564.3	7570.4
6°	7378.6	7403.1	7456.1	7505.1	7513.3
7°	7274.5	7311.2	7362.2	7433.7	7452.0
8°	7152.0	7180.6	7254.1	7337.7	7358.2
9°	6972.4	7015.3	7109.1	7186.7	7198.9
10°	6754.0	6784.6	6896.9	6978.5	7015.3
11°	6472.3	6517.2	6627.4	6711.1	6735.6
12°	6113.1	6178.4	6307.0	6368.2	6388.6
13°	5725.3	5780.4	5880.4	5955.9	5972.3
14°	5288.5	5341.6	5445.6	5506.9	5492.6
15°	4763.9	4843.5	4972.1	5006.8	5012.9
17.5°	3518.9	3569.9	3684.2	3739.3	3778.1
20°	2359.5	2408.5	2477.9	2514.6	2484.0
22.5°	1434.9	1475.7	1512.5	1510.4	1500.2
25°	863.4	871.5	881.8	875.6	857.3
27.5°	504.2	526.6	557.2	536.8	506.2
30°	320.5	338.8	371.5	336.8	312.3
32.5°	169.4	214.3	249.0	202.1	177.6
35°	104.1	118.4	163.3	120.4	98.0
37.5°	63.3	73.5	102.1	71.4	57.2
40°	32.7	46.9	59.2	42.9	30.6
42.5°	10.2	22.5	32.7	20.4	10.2
45°	2.0	6.1	18.4	6.1	2.0
47.5°	0.0	0.0	8.2	2.0	0.0
50°	0.0	0.0	2.0	0.0	0.0
52.5°	0.0	0.0	0.0	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)