

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: P1320381

Luminaire Tested: LDSQA3D20R259840D010 3LSQCDR1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1320381
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D20R259840D010 3LSQCDR1MB
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 98CRI , 3LSQCDR1MB TRIM
Light Source: -
Ballast/Driver: -

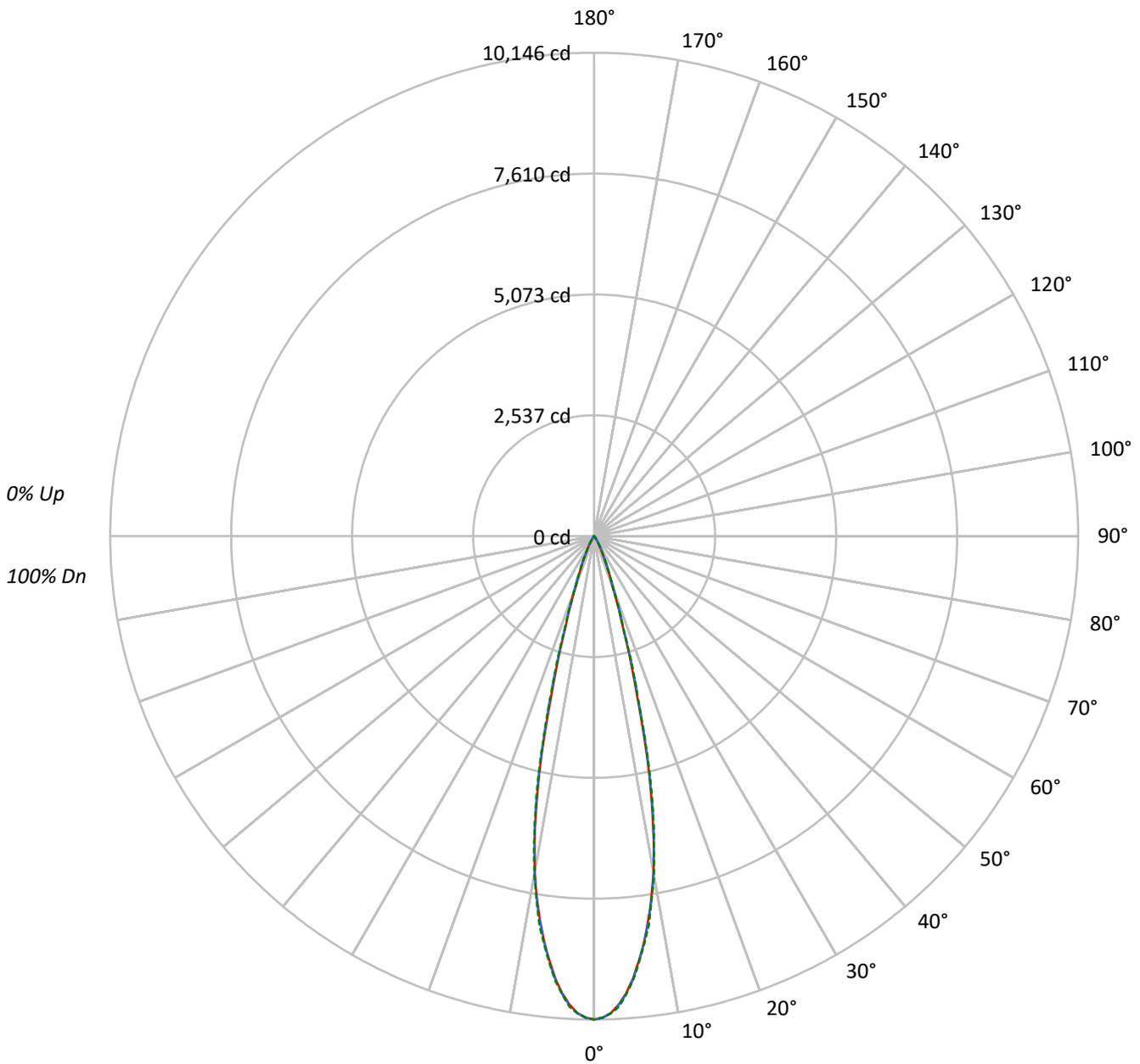
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2112.0 lumens
Efficiency: N/A
Efficacy: 77.1 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.4
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



— 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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	99
1	115	113	111	110	113	111	110	108	107	106	105	103	103	102	100	99	99	97	97	97
2	112	108	105	103	110	107	104	102	104	102	100	101	99	98	98	97	96	94	94	94
3	108	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93	92	92	92
4	105	100	97	94	104	99	96	93	97	95	92	96	93	91	94	92	90	89	89	89
5	103	97	93	90	101	96	93	90	95	92	89	93	91	89	92	90	88	87	87	87
6	100	94	90	87	99	93	90	87	92	89	87	91	88	86	90	87	85	84	84	84
7	97	91	87	85	96	91	87	84	90	86	84	89	86	84	88	85	83	82	82	82
8	95	89	85	82	94	88	85	82	87	84	82	87	84	82	86	83	81	80	80	80
9	93	86	83	80	92	86	82	80	85	82	80	85	82	80	84	81	79	78	78	78
10	91	84	81	78	90	84	80	78	83	80	78	83	80	78	82	79	77	77	77	77

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	1747440	1747440	1747440
5°	1611246	1614894	1618248
10°	1251035	1255565	1262367
15°	618248	644244	644529
20°	208164	222130	212325
25°	86215	95754	88666
30°	33827	42537	34165
35°	8851	17366	9188
40°	3282	6924	3282
45°	390	1973	390
50°	0	429	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: 1973 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	822.2	38.9
10°-20°	994.5	47.1
20°-30°	242.8	11.5
30°-40°	47.2	2.2
40°-50°	5.4	0.3
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°	2059.4	97.5
0°-40°	2106.6	99.7
0°-60°	2112.0	100.0
0°-90°	2112.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2112.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	10146	10146	10146	10146	10146	
5°	9320	9333	9341	9382	9360	820
15°	3468	3550	3613	3649	3615	977
25°	454	478	504	483	467	231
35°	42	60	83	60	44	37
45°	2	5	8	5	2	3
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°	10146.4	10146.4	10146.4	10146.4	10146.4
1°	10107.5	10114.0	10115.6	10125.3	10105.9
2°	10015.1	10016.8	10021.6	10041.1	10023.2
3°	9845.0	9856.4	9858.0	9883.9	9888.8
4°	9613.3	9619.8	9632.8	9676.5	9637.6
5°	9320.0	9333.0	9341.1	9381.6	9360.5
6°	8957.1	8960.3	8978.1	9025.1	8996.0
7°	8587.7	8586.0	8587.7	8624.9	8616.8
8°	8142.1	8134.0	8159.9	8205.3	8236.0
9°	7677.0	7688.4	7704.6	7748.3	7712.7
10°	7153.7	7184.5	7179.6	7182.8	7218.5
11°	6550.9	6560.6	6562.3	6596.3	6591.4
12°	5842.8	5842.8	5896.3	5951.4	5933.6
13°	5128.3	5178.5	5142.9	5154.2	5225.5
14°	4295.4	4334.3	4382.9	4428.3	4392.7
15°	3467.5	3550.1	3613.3	3648.9	3614.9
17.5°	1986.5	2014.0	2067.5	2074.0	2052.9
20°	1135.8	1169.9	1212.0	1199.0	1158.5
22.5°	714.6	724.3	766.4	745.3	735.6
25°	453.7	478.0	503.9	482.9	466.6
27.5°	281.9	298.1	325.7	303.0	285.2
30°	170.1	184.7	213.9	183.1	171.8
32.5°	89.1	110.2	134.5	111.8	89.1
35°	42.1	60.0	82.6	60.0	43.7
37.5°	25.9	32.4	50.2	32.4	25.9
40°	14.6	21.1	30.8	21.1	14.6
42.5°	6.5	11.3	14.6	11.3	8.1
45°	1.6	4.9	8.1	4.9	1.6
47.5°	0.0	0.0	4.9	1.6	0.0
50°	0.0	0.0	1.6	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)