

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: P1320384

Luminaire Tested: LDSQA3D20R259840D010 3LSQPHR1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1320384
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D20R259840D010 3LSQPHR1MB
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 98CRI , 3LSQPHR1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

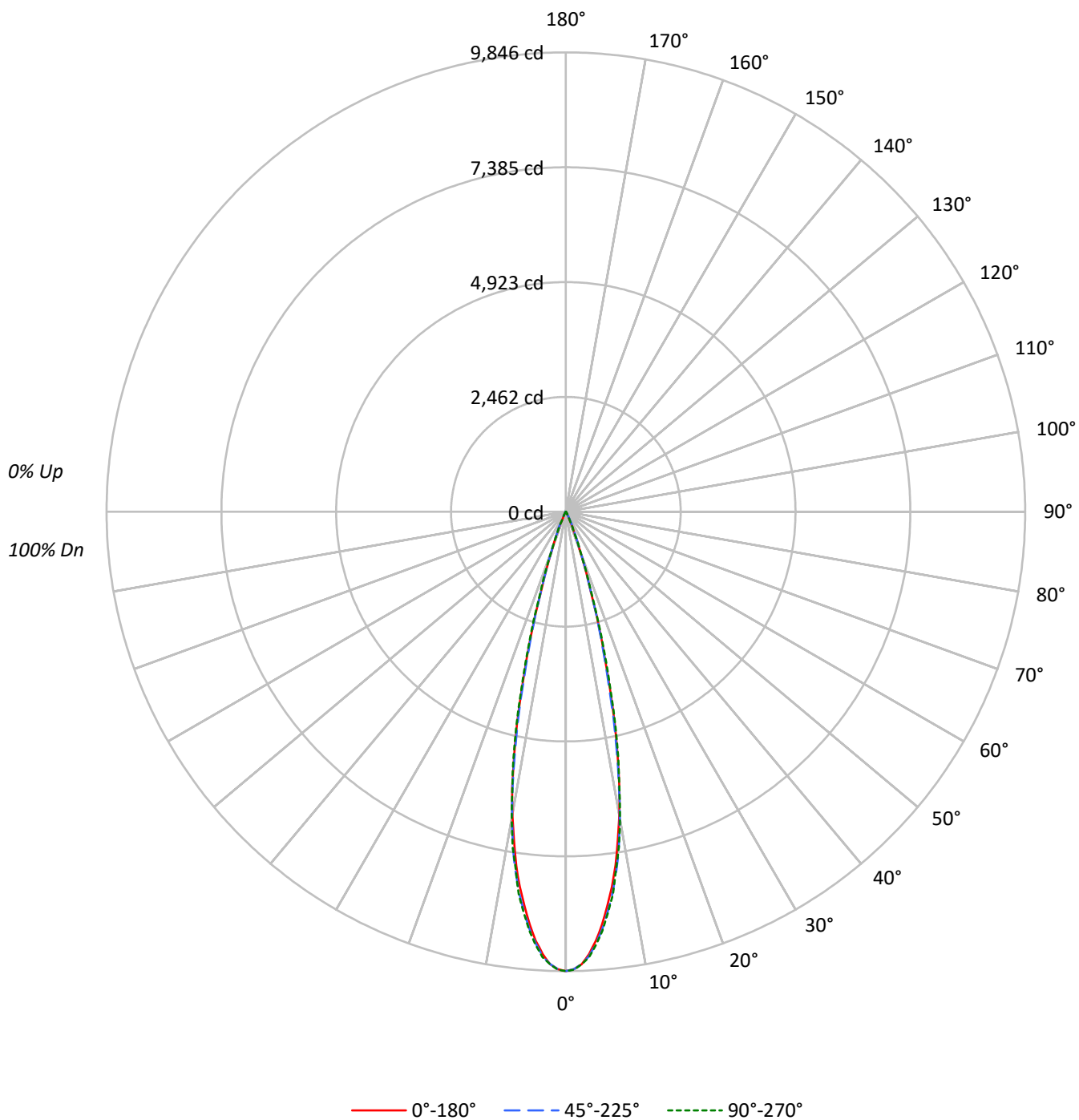
Lumens per Lamp: N/A
Luminaire Lumens: 1817.0 lumens
Efficiency: N/A
Efficacy: 66.3 lumens/watt
Spacing Criteria (0/90/45): 0.43 / 0.43 / 0.4
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	115	113	112	110	113	111	110	108	107	106	105		104	103	102		100
2	112	109	106	104	110	107	105	103	104	102	101		101	100	98		99
3	109	105	102	99	107	104	101	98	101	99	97		99	97	95		97
4	106	101	98	95	105	100	97	95	99	96	94		97	94	93		95
5	104	98	95	92	102	98	94	92	96	93	91		95	92	90		93
6	101	96	92	89	100	95	92	89	94	91	89		93	90	88		91
7	99	93	89	87	98	93	89	87	92	89	86		91	88	86		90
8	97	91	87	85	96	90	87	85	90	86	84		89	86	84		88
9	95	89	85	83	94	88	85	83	88	85	82		87	84	82		86
10	93	87	83	81	92	86	83	81	86	83	81		85	82	80		85

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	1695618	1695618	1695618
5°	1536562	1550565	1558120
10°	1155114	1163333	1168719
15°	571944	554899	591878
20°	161521	164197	165974
25°	28010	52960	33255
30°	10957	11276	11594
35°	3406	3742	3742
40°	1102	1461	1102
45°	779	390	779
50°	429	0	429
55°	480	0	480
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: 0°

Vertical Angle: 45°

Luminance: 779 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	782.1	43.0
10°-20°	882.0	48.5
20°-30°	136.8	7.5
30°-40°	13.9	0.8
40°-50°	1.9	0.1
50°-60°	0.3	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°	1801.0	99.1
0°-40°	1814.8	99.9
0°-60°	1817.0	100.0
0°-90°	1817.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1817.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	9846	9846	9846	9846	9846	
5°	8888	8904	8969	9005	9013	775
15°	3208	3185	3112	3252	3320	879
25°	147	219	279	212	175	124
35°	16	18	18	19	18	13
45°	3	2	2	2	3	2
55°	2	0	0	0	2	1
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	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	9845.5	9845.5	9845.5	9845.5	9845.5
1°	9804.9	9817.9	9803.3	9819.5	9817.9
2°	9702.9	9715.8	9698.0	9707.7	9707.7
3°	9493.9	9521.4	9537.6	9549.0	9558.7
4°	9218.5	9249.2	9273.6	9302.7	9302.7
5°	8888.0	8904.2	8969.0	9004.6	9012.7
6°	8494.3	8559.1	8607.7	8679.0	8635.2
7°	8100.6	8154.0	8222.1	8233.4	8264.2
8°	7653.4	7710.1	7773.3	7762.0	7736.1
9°	7109.1	7191.7	7266.2	7241.9	7274.3
10°	6605.2	6655.4	6652.2	6627.9	6683.0
11°	6020.4	6031.7	5968.5	6067.3	6007.4
12°	5326.9	5336.7	5255.7	5352.9	5414.4
13°	4662.7	4640.0	4528.2	4656.2	4734.0
14°	3898.0	3906.1	3763.5	4011.4	3992.0
15°	3207.8	3185.2	3112.2	3251.6	3319.6
17.5°	1709.2	1723.8	1706.0	1775.6	1819.4
20°	881.3	905.6	895.9	925.1	905.6
22.5°	456.9	490.9	500.6	477.9	416.4
25°	147.4	218.7	278.7	212.2	175.0
27.5°	89.1	87.5	136.1	94.0	95.6
30°	55.1	53.5	56.7	56.7	58.3
32.5°	30.8	32.4	30.8	34.0	32.4
35°	16.2	17.8	17.8	19.4	17.8
37.5°	9.7	11.3	11.3	11.3	9.7
40°	4.9	6.5	6.5	4.9	4.9
42.5°	3.2	3.2	3.2	3.2	3.2
45°	3.2	1.6	1.6	1.6	3.2
47.5°	1.6	1.6	0.0	1.6	1.6
50°	1.6	1.6	0.0	1.6	1.6
52.5°	1.6	0.0	0.0	0.0	1.6
55°	1.6	0.0	0.0	0.0	1.6
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)