

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: P1318486

Luminaire Tested: LDSQA3D17R259830DE010 3LSQPHR1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1318486
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: LDSQA3D17R259830DE010 3LSQPHR1MB
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 98CRI , 3LSQPHR1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

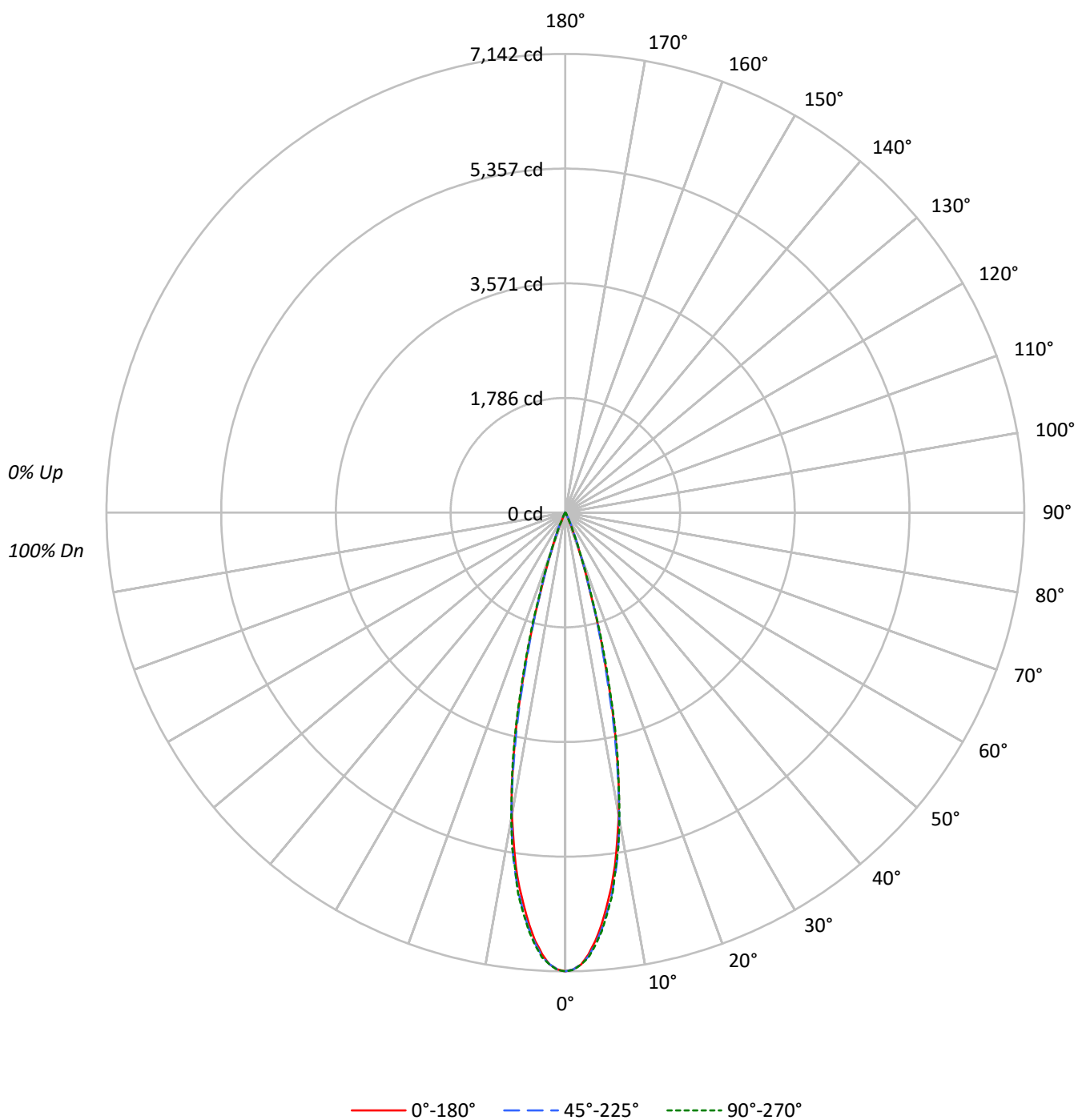
Lumens per Lamp: N/A
Luminaire Lumens: 1318.0 lumens
Efficiency: N/A
Efficacy: 64.6 lumens/watt
Spacing Criteria (0/90/45): 0.43 / 0.43 / 0.4
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
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					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	100	100
1	115	113	112	110	113	111	110	108	107	106	105	104	103	102	100	100	99	97	97	97
2	112	109	106	104	110	107	105	103	104	102	101	101	100	98	99	97	96	95	95	95
3	109	105	102	99	107	104	101	98	101	99	97	99	97	95	97	95	94	93	93	93
4	106	101	98	95	105	100	97	95	99	96	94	97	94	93	95	93	92	91	91	91
5	104	98	95	92	102	98	94	92	96	93	91	95	92	90	93	91	89	88	88	88
6	101	96	92	89	100	95	92	89	94	91	89	93	90	88	91	89	87	86	86	86
7	99	93	89	87	98	93	89	87	92	89	86	91	88	86	90	87	86	85	85	85
8	97	91	87	85	96	90	87	85	90	86	84	89	86	84	88	85	84	83	83	83
9	95	89	85	83	94	88	85	83	88	85	82	87	84	82	86	84	82	81	81	81
10	93	87	83	81	92	86	83	81	86	83	81	85	82	80	85	82	80	80	80	80

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	1229945	1229945	1229945
5°	1114578	1124726	1130224
10°	837882	843846	847746
15°	414882	402508	429342
20°	117168	119111	120394
25°	20314	38404	24114
30°	7955	8173	8412
35°	2481	2712	2712
40°	787	1057	787
45°	585	292	585
50°	322	0	322
55°	360	0	360
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: 585 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	567.3	43.0
10°-20°	639.8	48.5
20°-30°	99.2	7.5
30°-40°	10.0	0.8
40°-50°	1.4	0.1
50°-60°	0.2	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°	1306.4	99.1
0°-40°	1316.4	99.9
0°-60°	1318.0	100.0
0°-90°	1318.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1318.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	7142	7142	7142	7142	7142	
5°	6447	6459	6506	6532	6538	562
15°	2327	2310	2258	2359	2408	637
25°	107	159	202	154	127	90
35°	12	13	13	14	13	9
45°	2	1	1	1	2	2
55°	1	0	0	0	1	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	0

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	7141.6	7141.6	7141.6	7141.6	7141.6
1°	7112.2	7121.6	7111.1	7122.8	7121.6
2°	7038.2	7047.6	7034.7	7041.7	7041.7
3°	6886.6	6906.6	6918.3	6926.6	6933.6
4°	6686.8	6709.1	6726.8	6747.9	6747.9
5°	6447.1	6458.8	6505.8	6531.7	6537.6
6°	6161.5	6208.5	6243.8	6295.5	6263.7
7°	5875.9	5914.7	5964.1	5972.3	5994.6
8°	5551.6	5592.7	5638.5	5630.3	5611.5
9°	5156.7	5216.7	5270.7	5253.1	5276.6
10°	4791.2	4827.7	4825.3	4807.7	4847.6
11°	4367.0	4375.2	4329.4	4401.1	4357.6
12°	3864.0	3871.1	3812.3	3882.8	3927.5
13°	3382.2	3365.7	3284.6	3377.5	3433.9
14°	2827.5	2833.4	2730.0	2909.8	2895.7
15°	2326.9	2310.4	2257.5	2358.6	2408.0
17.5°	1239.8	1250.4	1237.5	1288.0	1319.7
20°	639.3	656.9	649.9	671.0	656.9
22.5°	331.4	356.1	363.1	346.7	302.0
25°	106.9	158.7	202.1	153.9	126.9
27.5°	64.6	63.5	98.7	68.2	69.3
30°	40.0	38.8	41.1	41.1	42.3
32.5°	22.3	23.5	22.3	24.7	23.5
35°	11.8	12.9	12.9	14.1	12.9
37.5°	7.1	8.2	8.2	8.2	7.1
40°	3.5	4.7	4.7	3.5	3.5
42.5°	2.4	2.4	2.4	2.4	2.4
45°	2.4	1.2	1.2	1.2	2.4
47.5°	1.2	1.2	0.0	1.2	1.2
50°	1.2	1.2	0.0	1.2	1.2
52.5°	1.2	0.0	0.0	0.0	1.2
55°	1.2	0.0	0.0	0.0	1.2
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)