

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: P1320237

Luminaire Tested: LDSQA3D17R259840DE010 3LSQCDR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1320237
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-35)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D17R259840DE010 3LSQCDR1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 98CRI , 3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

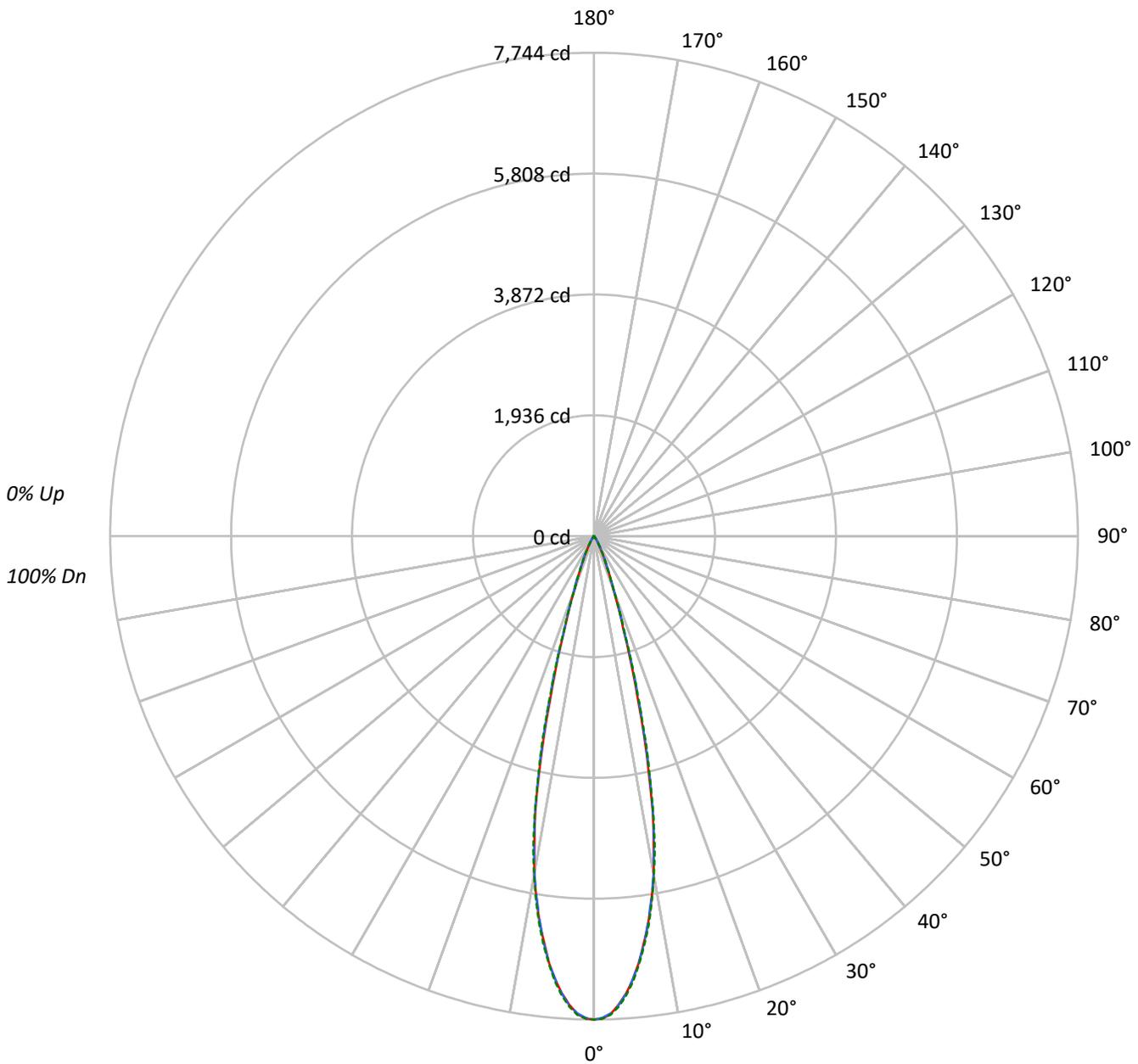
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1635.9 lumens
Efficiency: N/A
Efficacy: 80.2 lumens/watt
Spacing Criteria (0/90/45): 0.45 / 0.45 / 0.41
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 (A_{in}): 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	109	108	107	106	105	103	102	102	100	99	99	97	97	97
2	112	108	105	103	110	107	104	102	103	101	100	101	99	97	98	97	95	94	94	94
3	108	104	100	98	107	103	99	97	100	98	95	98	96	94	96	94	93	91	91	91
4	105	100	96	93	104	99	96	93	97	94	92	95	93	91	94	92	90	89	89	89
5	102	97	93	90	101	96	92	90	94	91	89	93	90	88	91	89	87	86	86	86
6	100	94	90	87	98	93	89	87	92	88	86	90	88	86	89	87	85	84	84	84
7	97	91	87	84	96	90	87	84	89	86	84	88	85	83	87	85	83	82	82	82
8	95	88	84	82	94	88	84	82	87	84	81	86	83	81	85	83	81	80	80	80
9	92	86	82	80	91	86	82	79	85	82	79	84	81	79	83	81	79	78	78	78
10	90	84	80	78	89	84	80	77	83	80	77	82	79	77	82	79	77	76	76	76

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	1333727	1333727	1333727
5°	1231912	1231497	1238378
10°	962309	959686	966226
15°	484115	504334	503906
20°	165644	170226	167477
25°	66566	74852	69417
30°	27026	32236	26270
35°	7863	14149	7863
40°	3642	6160	3642
45°	1218	2436	1218
50°	670	991	670
55°	751	751	751
60°	861	861	861
65°	489	489	489
70°	604	604	604
75°	799	799	799
80°	0	1190	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°
 Vertical Angle: 45°
 Luminance: 2436 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	628.3	38.4
10°-20°	769.0	47.0
20°-30°	187.9	11.5
30°-40°	38.8	2.4
40°-50°	6.8	0.4
50°-60°	2.3	0.1
60°-70°	1.7	0.1
70°-80°	1.1	0.1
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°	1585.1	96.9
0°-40°	1623.9	99.3
0°-60°	1633.0	99.8
0°-90°	1635.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1635.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	7744	7744	7744	7744	7744	
5°	7126	7132	7123	7138	7163	628
15°	2715	2761	2829	2841	2826	758
25°	350	366	394	372	365	179
35°	37	52	67	51	37	32
45°	5	8	10	8	5	5
55°	2	2	2	2	2	2
65°	1	2	1	1	1	2
75°	1	1	1	1	1	1
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°	7744.2	7744.2	7744.2	7744.2	7744.2
1°	7729.2	7719.3	7716.8	7718.0	7730.5
2°	7659.4	7653.2	7651.9	7655.7	7673.1
3°	7517.3	7524.8	7527.3	7539.7	7548.5
4°	7342.8	7357.7	7351.5	7366.4	7376.4
5°	7125.8	7132.1	7123.4	7138.3	7163.2
6°	6872.8	6850.3	6871.5	6877.8	6895.2
7°	6557.4	6562.4	6569.8	6577.3	6603.5
8°	6247.0	6232.0	6228.3	6263.2	6284.4
9°	5884.2	5886.7	5873.0	5912.9	5919.1
10°	5502.7	5471.5	5487.7	5518.9	5525.1
11°	4999.1	4990.3	5014.0	5062.6	5101.3
12°	4526.6	4531.6	4556.5	4572.7	4564.0
13°	3902.0	3939.4	3970.6	3986.8	3965.6
14°	3337.3	3337.3	3377.2	3383.4	3459.5
15°	2715.2	2761.3	2828.6	2841.1	2826.2
17.5°	1568.3	1574.5	1606.9	1605.7	1629.4
20°	903.8	912.5	928.8	925.0	913.8
22.5°	543.5	562.2	600.9	569.7	561.0
25°	350.3	366.5	393.9	371.5	365.3
27.5°	219.4	230.6	251.8	231.9	221.9
30°	135.9	142.1	162.1	143.4	132.1
32.5°	73.6	89.8	106.0	89.8	73.6
35°	37.4	52.4	67.3	51.1	37.4
37.5°	24.9	29.9	43.6	28.7	24.9
40°	16.2	19.9	27.4	19.9	16.2
42.5°	8.7	12.5	15.0	13.7	8.7
45°	5.0	7.5	10.0	7.5	5.0
47.5°	3.7	3.7	6.2	3.7	2.5
50°	2.5	2.5	3.7	2.5	2.5
52.5°	2.5	2.5	2.5	2.5	2.5
55°	2.5	2.5	2.5	2.5	2.5
57.5°	2.5	2.5	2.5	2.5	2.5
60°	2.5	2.5	2.5	2.5	2.5
62.5°	2.5	2.5	2.5	2.5	2.5
65°	1.2	2.5	1.2	1.2	1.2
67.5°	1.2	1.2	1.2	1.2	1.2
70°	1.2	1.2	1.2	1.2	1.2
72.5°	1.2	1.2	1.2	1.2	1.2
75°	1.2	1.2	1.2	1.2	1.2
77.5°	1.2	1.2	1.2	1.2	1.2
80°	0.0	0.0	1.2	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)