

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: P1316754

Luminaire Tested: LDSQA3D17R359740DE010 3LSQCDR1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1316754
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: LDSQA3D17R359740DE010 3LSQCDR1MB
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 97CRI , 3LSQCDR1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

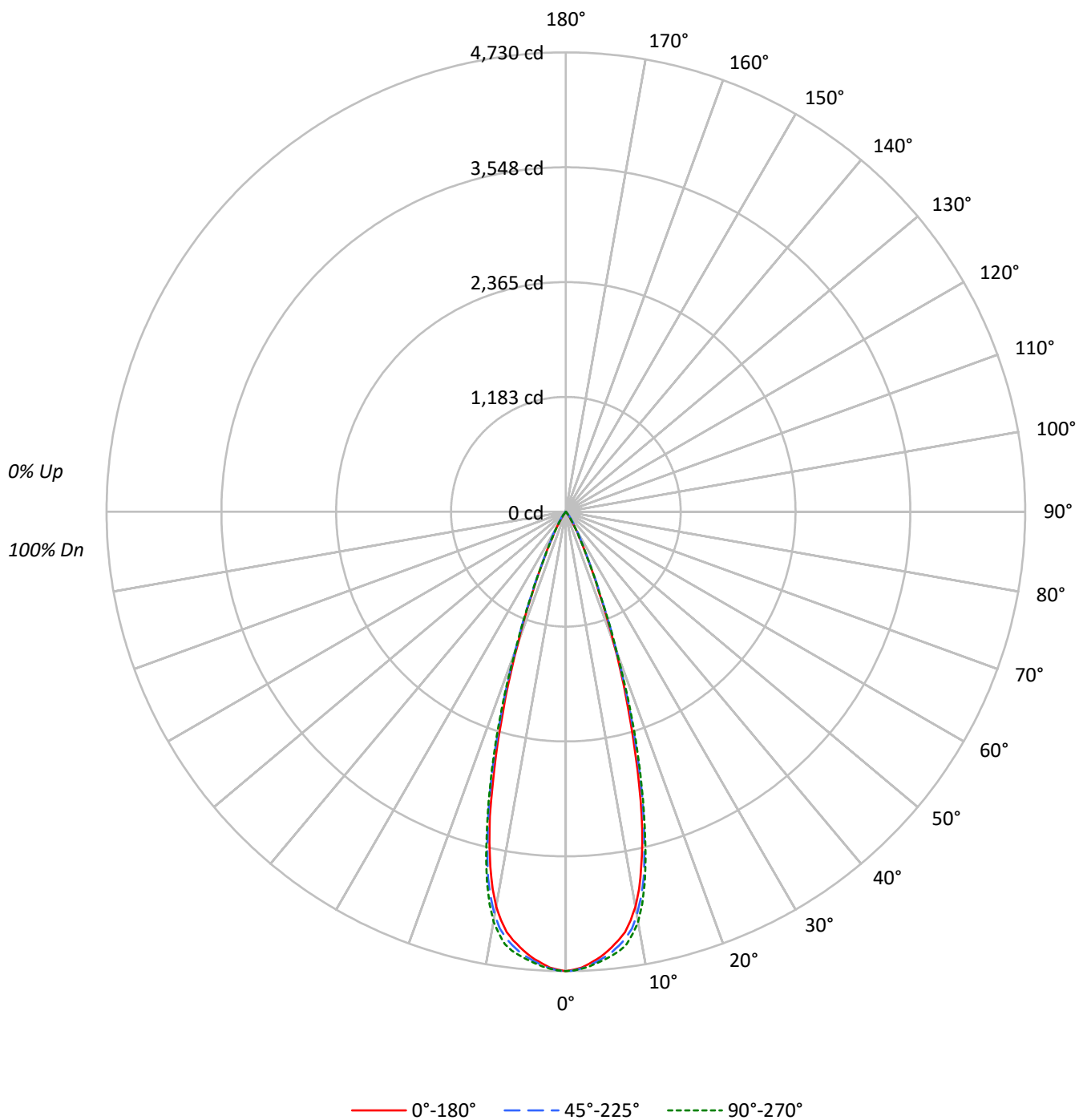
Lumens per Lamp: N/A
Luminaire Lumens: 1575.0 lumens
Efficiency: N/A
Efficacy: 74.3 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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	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	95	94
2	111	107	104	102	109	106	103	100	102	100	98	100	98	96	97	96	94	93	92	91
3	107	102	99	96	105	101	98	95	99	96	94	96	94	92	94	92	91	89	88	87
4	104	98	94	91	102	97	93	90	95	92	89	93	91	88	92	89	87	86	85	84
5	100	94	90	87	99	93	90	87	92	88	86	90	87	85	89	86	84	83	82	81
6	97	91	86	83	96	90	86	83	89	85	83	88	84	82	86	84	82	80	79	78
7	94	88	83	80	93	87	83	80	86	82	80	85	82	79	84	81	79	77	76	75
8	91	85	80	77	91	84	80	77	83	80	77	82	79	77	81	79	76	74	73	72
9	89	82	78	75	88	81	77	75	81	77	74	80	77	74	79	76	74	71	70	69
10	86	79	75	72	85	79	75	72	78	75	72	78	74	72	77	74	72	69	67	65

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	814682	814682	814682
5°	789977	795579	799901
10°	721885	737152	749813
15°	519132	541812	546269
20°	264302	277552	278249
25°	100277	102405	99555
30°	38958	45142	37963
35°	13372	20982	12594
40°	4496	8139	4204
45°	292	2728	292
50°	0	322	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: 2728 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	428.2	27.2
10°-20°	797.8	50.7
20°-30°	286.8	18.2
30°-40°	56.0	3.6
40°-50°	6.2	0.4
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°	1512.8	96.0
0°-40°	1568.7	99.6
0°-60°	1575.0	100.0
0°-90°	1575.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1575.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4730	4730	4730	4730	4730	
5°	4570	4582	4602	4623	4627	423
15°	2912	2960	3039	3060	3064	774
25°	528	533	539	535	524	277
35°	64	72	100	74	60	47
45°	1	4	11	4	1	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	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	4730.4	4730.4	4730.4	4730.4	4730.4
1°	4716.7	4722.9	4724.2	4732.9	4722.9
2°	4696.7	4700.5	4705.5	4712.9	4707.9
3°	4658.0	4665.5	4676.8	4686.7	4686.7
4°	4616.9	4626.9	4640.6	4658.0	4656.8
5°	4569.5	4582.0	4601.9	4623.1	4626.9
6°	4509.6	4524.6	4557.0	4586.9	4591.9
7°	4446.0	4468.4	4499.6	4543.3	4554.5
8°	4371.1	4388.6	4433.5	4484.7	4497.1
9°	4261.4	4287.6	4344.9	4392.3	4399.8
10°	4127.9	4146.6	4215.2	4265.1	4287.6
11°	3955.7	3983.2	4050.5	4101.7	4116.6
12°	3736.2	3776.1	3854.7	3892.1	3904.6
13°	3499.2	3532.8	3594.0	3640.1	3650.1
14°	3232.2	3264.6	3328.2	3365.7	3356.9
15°	2911.6	2960.2	3038.8	3060.0	3063.8
17.5°	2150.6	2181.8	2251.7	2285.4	2309.1
20°	1442.1	1472.0	1514.4	1536.9	1518.2
22.5°	877.0	901.9	924.4	923.1	916.9
25°	527.7	532.7	538.9	535.2	523.9
27.5°	308.1	321.8	340.6	328.1	309.4
30°	195.9	207.1	227.0	205.8	190.9
32.5°	103.5	131.0	152.2	123.5	108.5
35°	63.6	72.4	99.8	73.6	59.9
37.5°	38.7	44.9	62.4	43.7	34.9
40°	20.0	28.7	36.2	26.2	18.7
42.5°	6.2	13.7	20.0	12.5	6.2
45°	1.2	3.7	11.2	3.7	1.2
47.5°	0.0	0.0	5.0	1.2	0.0
50°	0.0	0.0	1.2	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)