

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: P1315751

Luminaire Tested: LDSQA3D17R259735DE010 3LSQPHR1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1315751
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: LDSQA3D17R259735DE010 3LSQPHR1MB
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 97CRI , 3LSQPHR1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

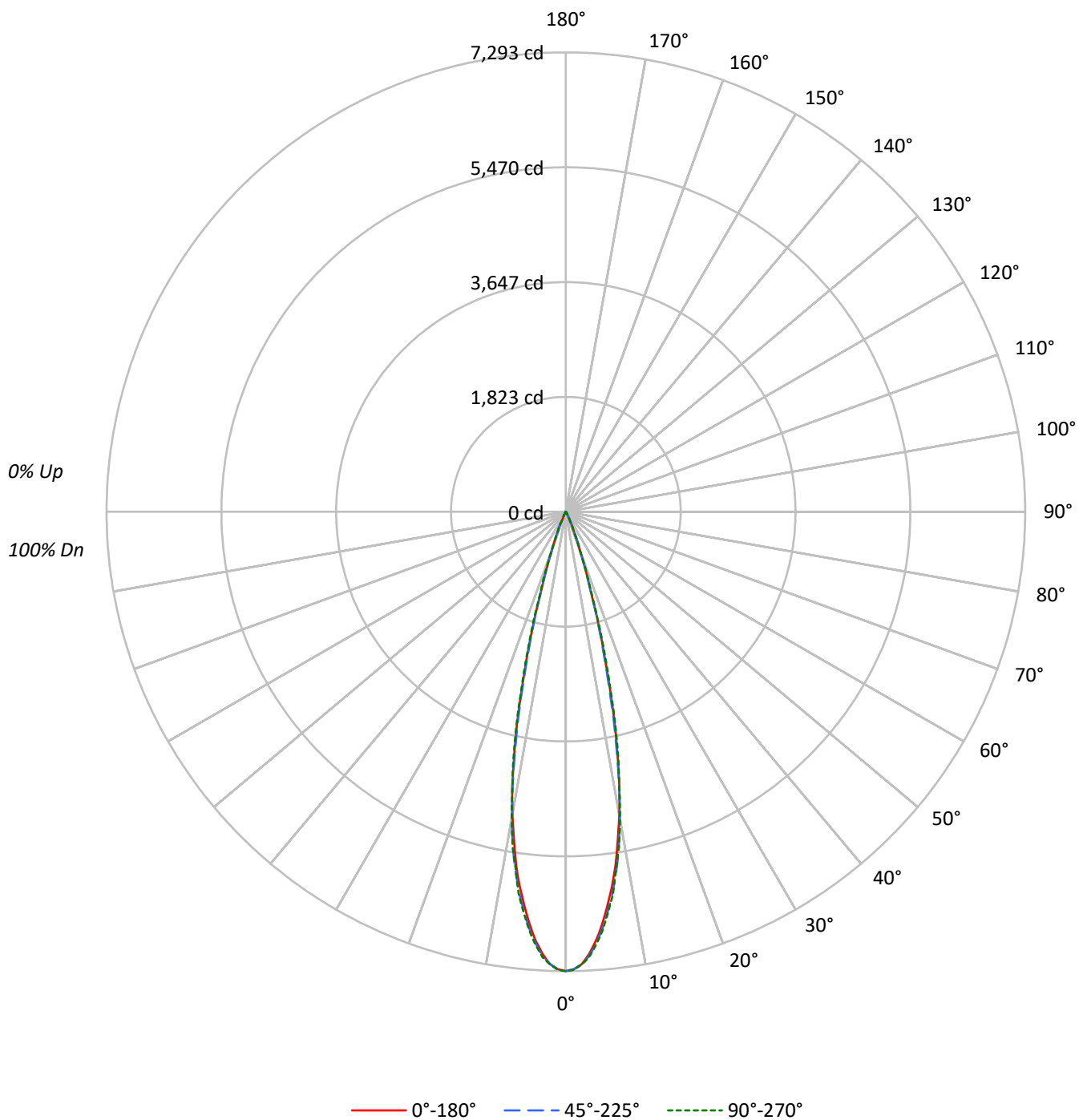
Lumens per Lamp: N/A
Luminaire Lumens: 1346.0 lumens
Efficiency: N/A
Efficacy: 63.5 lumens/watt
Spacing Criteria (0/90/45): 0.43 / 0.43 / 0.4
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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					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	86	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°	1256071	1256071	1256071
5°	1138245	1148618	1154237
10°	855685	861771	865758
15°	423690	411066	438453
20°	119661	121640	122960
25°	20751	39222	24627
30°	8114	8352	8591
35°	2523	2775	2775
40°	809	1079	809
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°	579.4	43.0
10°-20°	653.4	48.5
20°-30°	101.3	7.5
30°-40°	10.3	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°	1334.1	99.1
0°-40°	1344.4	99.9
0°-60°	1346.0	100.0
0°-90°	1346.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1346.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	7293	7293	7293	7293	7293	
5°	6584	6596	6644	6670	6676	574
15°	2376	2360	2306	2409	2459	651
25°	109	162	206	157	130	92
35°	12	13	13	14	13	10
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°	7293.3	7293.3	7293.3	7293.3	7293.3
1°	7263.3	7272.9	7262.1	7274.1	7272.9
2°	7187.7	7197.3	7184.1	7191.3	7191.3
3°	7032.9	7053.3	7065.3	7073.7	7080.9
4°	6828.9	6851.7	6869.7	6891.3	6891.3
5°	6584.0	6596.0	6644.0	6670.4	6676.5
6°	6292.4	6340.4	6376.4	6429.2	6396.8
7°	6000.8	6040.4	6090.8	6099.2	6122.0
8°	5669.5	5711.5	5758.3	5749.9	5730.7
9°	5266.3	5327.5	5382.7	5364.7	5388.7
10°	4893.0	4930.2	4927.8	4909.8	4950.6
11°	4459.8	4468.2	4421.4	4494.6	4450.2
12°	3946.1	3953.3	3893.3	3965.3	4010.9
13°	3454.0	3437.2	3354.4	3449.2	3506.8
14°	2887.6	2893.6	2788.0	2971.6	2957.2
15°	2376.3	2359.5	2305.5	2408.7	2459.1
17.5°	1266.2	1277.0	1263.8	1315.4	1347.8
20°	652.9	670.9	663.7	685.3	670.9
22.5°	338.4	363.6	370.8	354.0	308.4
25°	109.2	162.0	206.4	157.2	129.6
27.5°	66.0	64.8	100.8	69.6	70.8
30°	40.8	39.6	42.0	42.0	43.2
32.5°	22.8	24.0	22.8	25.2	24.0
35°	12.0	13.2	13.2	14.4	13.2
37.5°	7.2	8.4	8.4	8.4	7.2
40°	3.6	4.8	4.8	3.6	3.6
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)