

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: P1312654

Luminaire Tested: LDSQA3D17R129050DE010 3LSQCDR1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1312654
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-24)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D17R129050DE010 3LSQCDR1MW
Description: 3in Adjustable LED luminaire with, R12 optic, 5000K CCT AND, 90CRI , 3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

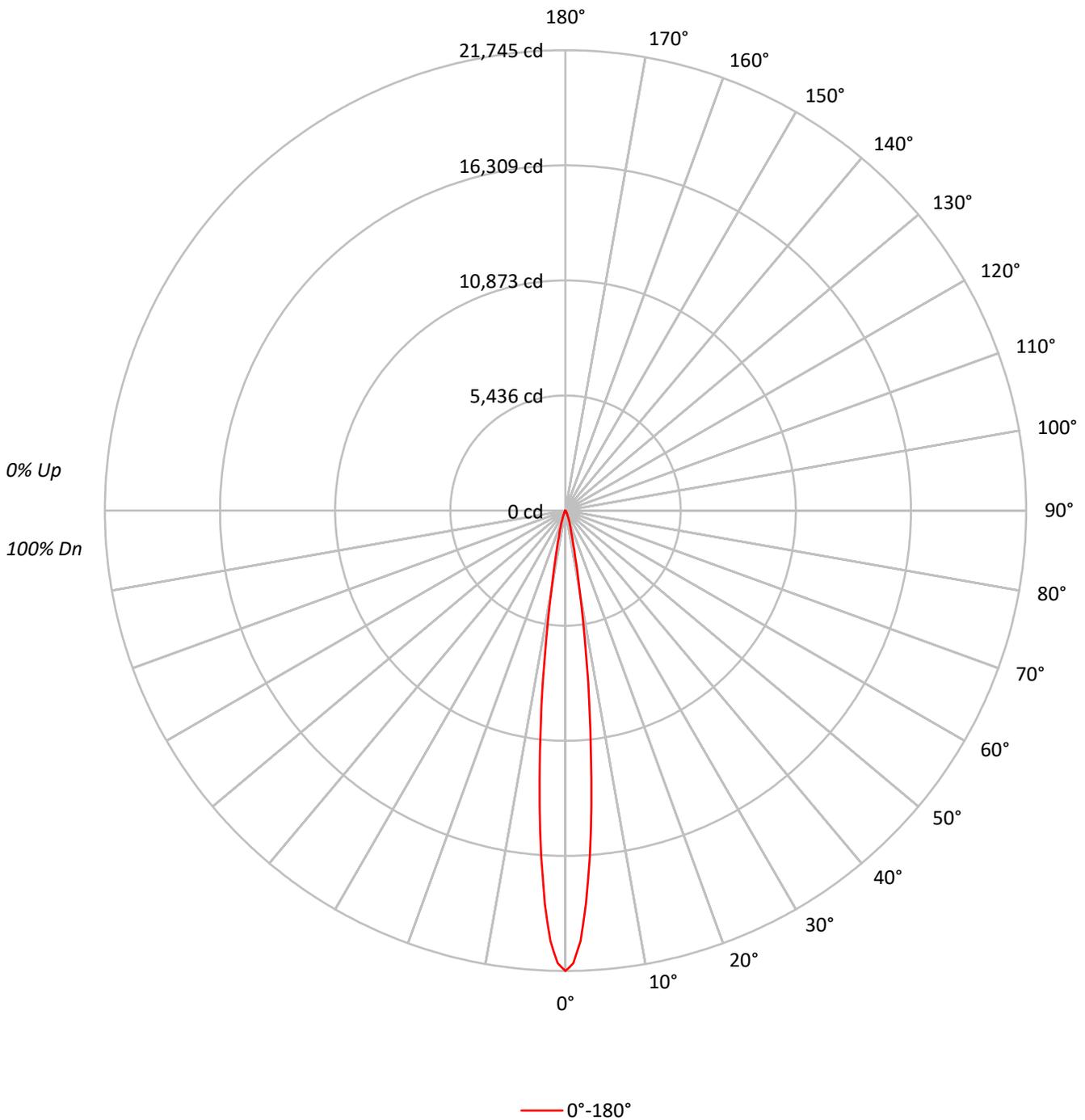
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1476.0 lumens
Efficiency: N/A
Efficacy: 64.5 lumens/watt
Spacing Criteria (0/90/45): 0.22 / 0.22 / 0.22
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 22.9
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





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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	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	100
1	116	114	113	111	114	112	111	109	108	107	106	104	104	103	101	101	100	100	100	100	98
2	113	110	108	106	111	108	106	104	105	104	102	103	101	100	100	99	98	98	98	98	97
3	110	107	104	102	109	105	103	101	103	101	99	101	99	98	99	98	96	96	96	96	95
4	108	104	101	98	107	103	100	98	101	99	97	99	97	96	98	96	95	95	95	95	94
5	106	102	98	96	105	101	98	96	99	97	95	98	96	94	97	95	93	93	93	93	92
6	104	99	96	94	103	99	96	94	98	95	93	96	94	93	95	93	92	92	92	92	91
7	102	98	94	92	101	97	94	92	96	93	92	95	93	91	94	92	91	91	91	91	90
8	101	96	93	91	100	95	93	90	95	92	90	94	92	90	93	91	90	90	90	90	89
9	99	94	91	89	98	94	91	89	93	91	89	93	90	89	92	90	88	88	88	88	88
10	98	93	90	88	97	93	90	88	92	90	88	91	89	88	91	89	87	87	87	87	87

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	3744981
5°	2419739
10°	682729
15°	193043
20°	80715
25°	35744
30°	18256
35°	9650
40°	4137
45°	1120
50°	1232
55°	0
60°	0
65°	0
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 50°
 Luminance: 1232 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	986.2	66.8
10°-20°	357.8	24.2
20°-30°	95.8	6.5
30°-40°	30.1	2.0
40°-50°	5.7	0.4
50°-60°	0.5	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°	1439.7	97.5
0°-40°	1469.9	99.6
0°-60°	1476.0	100.0
0°-90°	1476.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1476.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	21745	
5°	13997	986
15°	1083	358
25°	188	96
35°	46	30
45°	5	6
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	21745.0
1°	21378.0
2°	20345.8
3°	18579.6
4°	16386.7
5°	13996.6
6°	11505.6
7°	9276.0
8°	7138.2
9°	5312.4
10°	3904.0
11°	2876.4
12°	2165.3
13°	1679.0
14°	1330.4
15°	1082.7
17.5°	688.1
20°	440.4
22.5°	284.4
25°	188.1
27.5°	128.5
30°	91.8
32.5°	64.2
35°	45.9
37.5°	32.1
40°	18.4
42.5°	9.2
45°	4.6
47.5°	4.6
50°	4.6
52.5°	0.0
55°	0.0
57.5°	0.0
60°	0.0
62.5°	0.0
65°	0.0
67.5°	0.0
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)