

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: P1311576

Luminaire Tested: LDSQA3D17R129040DE010 3LSQCDR1MMS

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1311576
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: LDSQA3D17R129040DE010 3LSQCDR1MMS
Description: 3in Adjustable LED luminaire with, R12 optic, 4000K CCT AND, 90CRI , 3LSQCDR1MMS TRIM
Light Source: -
Ballast/Driver: -

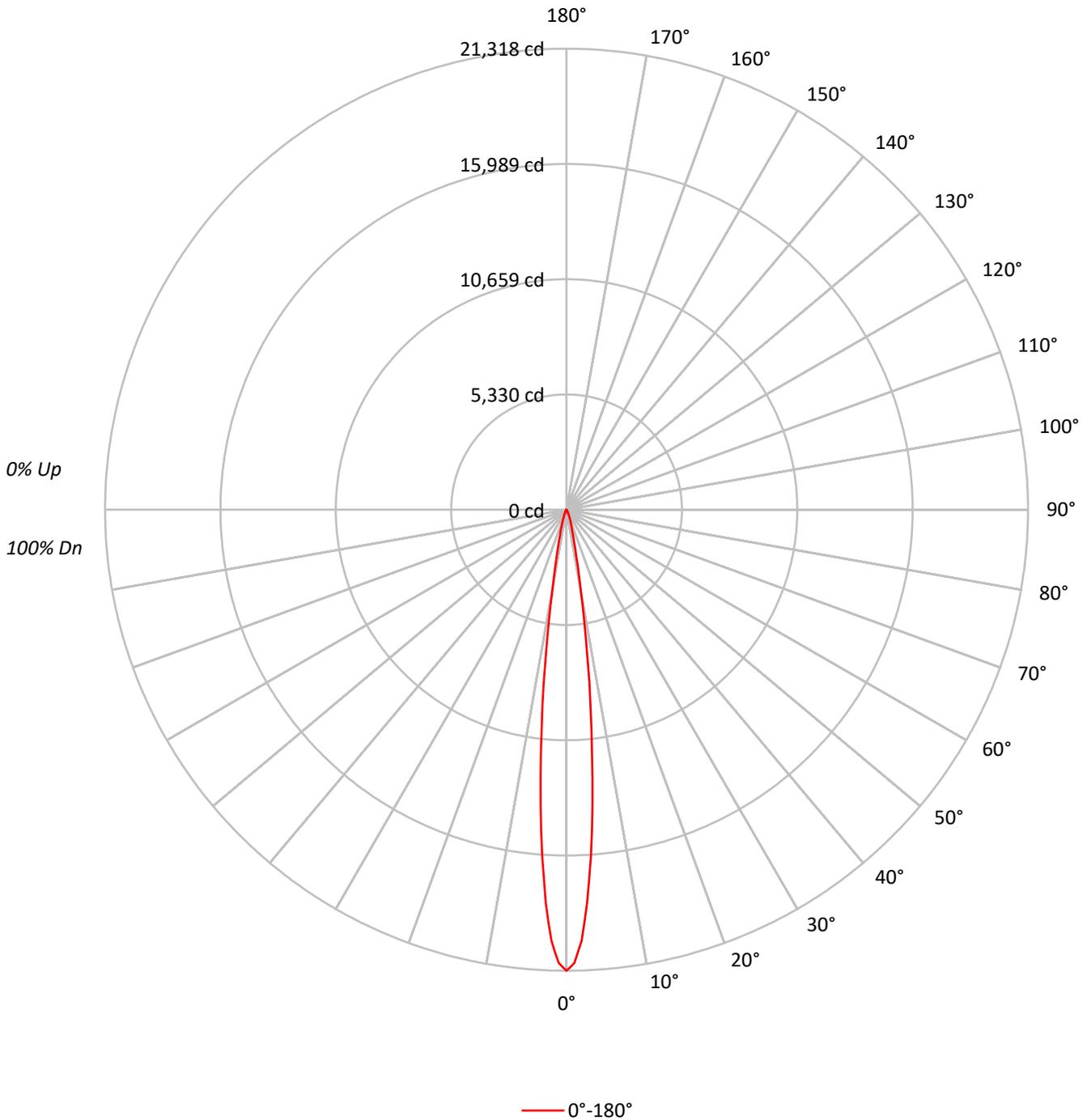
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1447.0 lumens
Efficiency: N/A
Efficacy: 63.2 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 (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

TEST NUMBER: P1311576
CATALOG NUMBER: LDSQA3D17R129040DE010 3LSQCDR1MMS

Luminous Intensity Polar Plot





TEST NUMBER: P1311576

CATALOG NUMBER: LDSQA3D17R129040DE010 3LSQCDR1MMS

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	100	100	100	100
1	116	114	113	111	114	112	111	109	108	107	106	104	104	103	101	101	100	98	98	98	98
2	113	110	108	106	111	108	106	104	105	104	102	103	101	100	100	99	98	97	97	97	97
3	110	107	104	102	109	105	103	101	103	101	99	101	99	98	99	98	96	95	95	95	95
4	108	104	101	98	107	103	100	98	101	99	97	99	97	96	98	96	95	94	94	94	94
5	106	102	98	96	105	101	98	96	99	97	95	98	96	94	97	95	93	92	92	92	92
6	104	99	96	94	103	99	96	94	98	95	93	96	94	93	95	93	92	91	91	91	91
7	102	98	94	92	101	97	94	92	96	93	92	95	93	91	94	92	91	90	90	90	90
8	101	96	93	91	100	95	93	90	95	92	90	94	92	90	93	91	90	89	89	89	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°	3671391
5°	2372197
10°	669316
15°	189245
20°	79138
25°	35041
30°	17878
35°	9461
40°	4047
45°	1096
50°	1206
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: 1206 cd/sqm



TEST NUMBER: P1311576

CATALOG NUMBER: LDSQA3D17R129040DE010 3LSQCDR1MMS

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	966.8	66.8
10°-20°	350.8	24.2
20°-30°	93.9	6.5
30°-40°	29.5	2.0
40°-50°	5.5	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°	1411.4	97.5
0°-40°	1441.0	99.6
0°-60°	1447.0	100.0
0°-90°	1447.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1447.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	21318	
5°	13722	967
15°	1061	351
25°	184	94
35°	45	30
45°	4	6
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	



TEST NUMBER: P1311576
CATALOG NUMBER: LDSQA3D17R129040DE010 3LSQCDR1MMS

CANDELA DISTRIBUTION (FULL):

	0°
0°	21317.7
1°	20958.0
2°	19946.0
3°	18214.5
4°	16064.8
5°	13721.6
6°	11279.5
7°	9093.8
8°	6998.0
9°	5208.0
10°	3827.3
11°	2819.9
12°	2122.8
13°	1646.1
14°	1304.3
15°	1061.4
17.5°	674.6
20°	431.8
22.5°	278.8
25°	184.4
27.5°	125.9
30°	89.9
32.5°	63.0
35°	45.0
37.5°	31.5
40°	18.0
42.5°	9.0
45°	4.5
47.5°	4.5
50°	4.5
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



TEST NUMBER: P1311576
CATALOG NUMBER: LDSQA3D17R129040DE010 3LSQCDR1MMS

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)