

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: P1324036

Luminaire Tested: LDSQA3D17R259030D2WDE010 3LSQPHR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1324036
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: LDSQA3D17R259030D2WDE010 3LSQPHR1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,
3LSQPHR1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

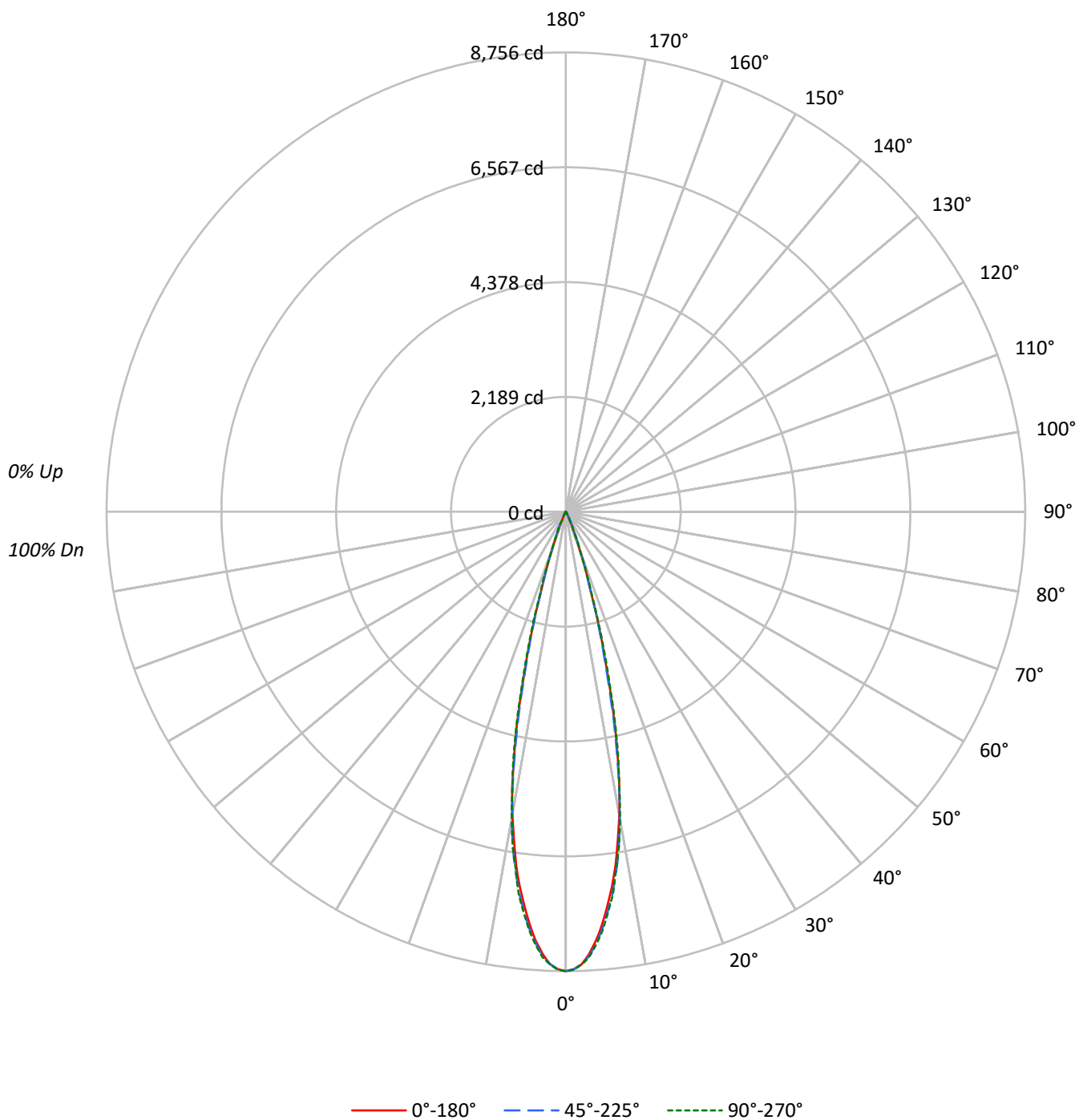
Lumens per Lamp: N/A
Luminaire Lumens: 1616.0 lumens
Efficiency: N/A
Efficacy: 59.2 lumens/watt
Spacing Criteria (0/90/45): 0.43 / 0.43 / 0.4
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.3
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: P1324036

CATALOG NUMBER: LDSQA3D17R259030D2WDE010 3LSQPHR1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1324036

CATALOG NUMBER: LDSQA3D17R259030D2WDE010 3LSQPHR1MW

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	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	115	113	112	110	113	111	110	108	107	106	105		104	103	102		100	100	99	97
2	112	109	106	104	110	107	105	103	104	102	101		101	100	98		99	97	96	95
3	109	105	102	99	107	104	101	98	101	99	97		99	97	95		97	95	94	93
4	106	101	98	95	105	100	97	95	99	96	94		97	94	93		95	93	92	91
5	104	98	95	92	102	98	94	92	96	93	91		95	92	90		93	91	89	88
6	101	96	92	89	100	95	92	89	94	91	89		93	90	88		91	89	87	86
7	99	93	89	87	98	93	89	87	92	89	86		91	88	86		90	87	86	85
8	97	91	87	85	96	90	87	85	90	86	84		89	86	84		88	86	84	83
9	95	89	85	83	94	88	85	83	88	85	82		87	84	82		86	84	82	81
10	93	87	83	81	92	86	83	81	86	83	81		85	82	80		85	82	80	80

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	1508033	1508033	1508033
5°	1366586	1379033	1385758
10°	1027329	1034639	1039431
15°	508684	493529	526407
20°	143651	146034	147628
25°	24912	47089	29568
30°	9744	10023	10321
35°	3028	3322	3322
40°	967	1304	967
45°	706	341	706
50°	375	0	375
55°	420	0	420
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: 706 cd/sqm

TEST NUMBER: P1324036

CATALOG NUMBER: LDSQA3D17R259030D2WDE010 3LSQPHR1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	695.6	43.0
10°-20°	784.5	48.5
20°-30°	121.7	7.5
30°-40°	12.3	0.8
40°-50°	1.7	0.1
50°-60°	0.3	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°	1601.7	99.1
0°-40°	1614.1	99.9
0°-60°	1616.0	100.0
0°-90°	1616.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1616.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	8756	8756	8756	8756	8756	
5°	7905	7919	7977	8008	8016	689
15°	2853	2833	2768	2892	2952	781
25°	131	194	248	189	156	110
35°	14	16	16	17	16	12
45°	3	1	1	1	3	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	

TEST NUMBER: P1324036

CATALOG NUMBER: LDSQA3D17R259030D2WDE010 3LSQPHR1MW

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	8756.3	8756.3	8756.3	8756.3	8756.3
1°	8720.3	8731.8	8718.9	8733.3	8731.8
2°	8629.5	8641.1	8625.2	8633.9	8633.9
3°	8443.7	8468.2	8482.6	8492.6	8501.3
4°	8198.7	8226.1	8247.7	8273.6	8273.6
5°	7904.8	7919.2	7976.8	8008.5	8015.7
6°	7554.6	7612.3	7655.5	7718.9	7680.0
7°	7204.5	7252.0	7312.6	7322.6	7350.0
8°	6806.8	6857.2	6913.4	6903.3	6880.3
9°	6322.7	6396.1	6462.4	6440.8	6469.6
10°	5874.5	5919.2	5916.3	5894.7	5943.7
11°	5354.4	5364.5	5308.3	5396.2	5342.8
12°	4737.7	4746.3	4674.3	4760.7	4815.5
13°	4146.9	4126.7	4027.3	4141.1	4210.3
14°	3466.8	3474.0	3347.2	3567.7	3550.4
15°	2853.0	2832.8	2768.0	2891.9	2952.4
17.5°	1520.1	1533.1	1517.3	1579.2	1618.1
20°	783.8	805.5	796.8	822.8	805.5
22.5°	406.3	436.6	445.2	425.1	370.3
25°	131.1	194.5	247.8	188.8	155.6
27.5°	79.2	77.8	121.0	83.6	85.0
30°	49.0	47.5	50.4	50.4	51.9
32.5°	27.4	28.8	27.4	30.3	28.8
35°	14.4	15.8	15.8	17.3	15.8
37.5°	8.6	10.1	10.1	10.1	8.6
40°	4.3	5.8	5.8	4.3	4.3
42.5°	2.9	2.9	2.9	2.9	2.9
45°	2.9	1.4	1.4	1.4	2.9
47.5°	1.4	1.4	0.0	1.4	1.4
50°	1.4	1.4	0.0	1.4	1.4
52.5°	1.4	0.0	0.0	0.0	1.4
55°	1.4	0.0	0.0	0.0	1.4
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



TEST NUMBER: P1324036

CATALOG NUMBER: LDSQA3D17R259030D2WDE010 3LSQPHR1MW

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)