

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: P1308907

Luminaire Tested: LDSQA3D05R259030DE010 3LSQPHR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1308907
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: LDSQA3D05R259030DE010 3LSQPHR1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , 3LSQPHR1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

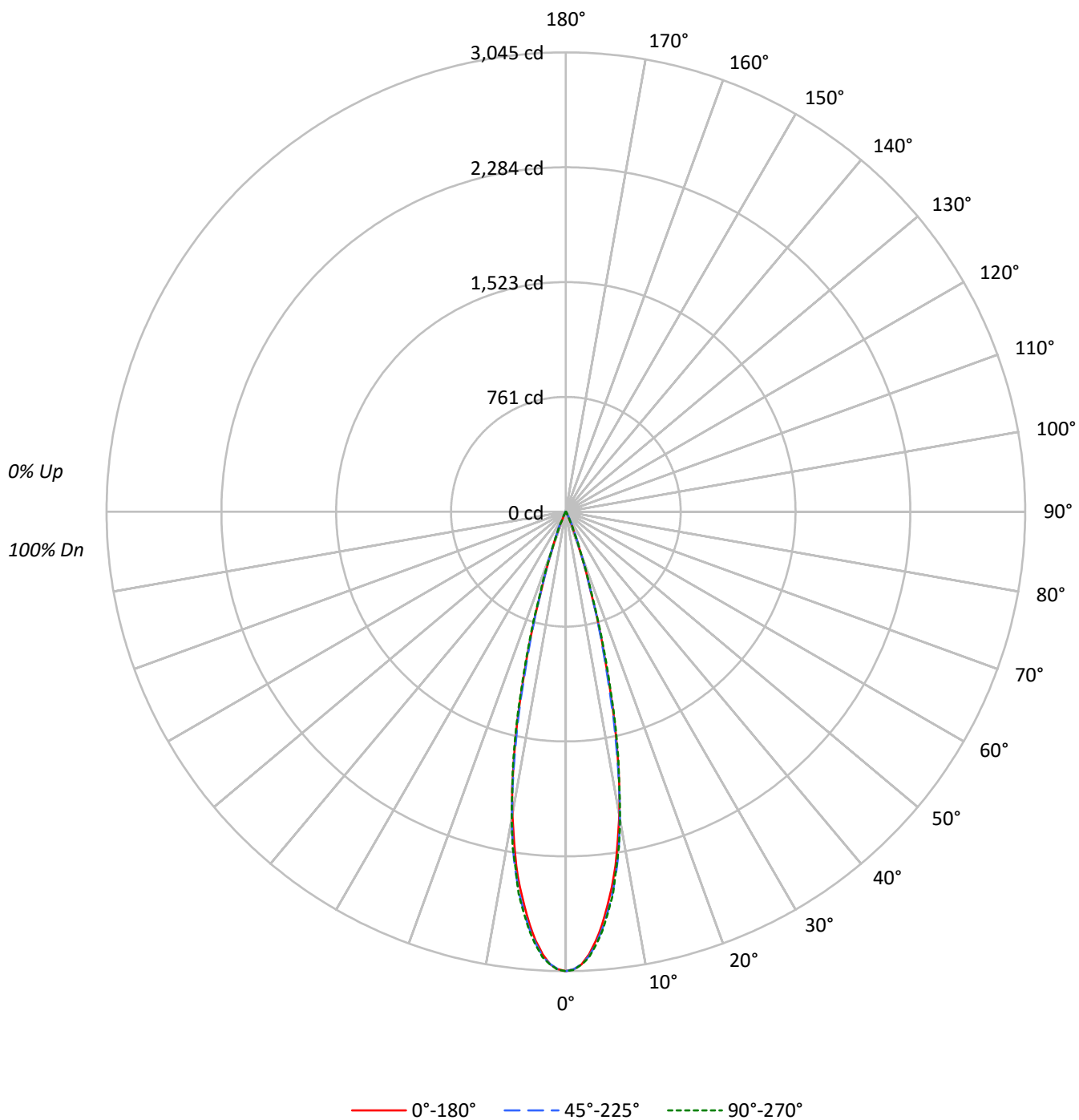
Lumens per Lamp: N/A
Luminaire Lumens: 562.0 lumens
Efficiency: N/A
Efficacy: 78.1 lumens/watt
Spacing Criteria (0/90/45): 0.43 / 0.43 / 0.4
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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

TEST NUMBER: P1308907

CATALOG NUMBER: LDSQA3D05R259030DE010 3LSQPHR1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1308907

CATALOG NUMBER: LDSQA3D05R259030DE010 3LSQPHR1MW

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	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°	524452	524452	524452
5°	475266	479588	481922
10°	357279	359814	361493
15°	176907	171630	183076
20°	49961	50786	51335
25°	8665	16380	10280
30°	3381	3480	3580
35°	1051	1156	1156
40°	337	450	337
45°	244	122	244
50°	134	0	134
55°	150	0	150
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: 244 cd/sqm

TEST NUMBER: P1308907

CATALOG NUMBER: LDSQA3D05R259030DE010 3LSQPHR1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	241.9	43.0
10°-20°	272.8	48.5
20°-30°	42.3	7.5
30°-40°	4.3	0.8
40°-50°	0.6	0.1
50°-60°	0.1	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°	557.0	99.1
0°-40°	561.3	99.9
0°-60°	562.0	100.0
0°-90°	562.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	562.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3045	3045	3045	3045	3045	
5°	2749	2754	2774	2785	2788	240
15°	992	985	963	1006	1027	272
25°	46	68	86	66	54	38
35°	5	6	6	6	6	4
45°	1	0	0	0	1	1
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	

TEST NUMBER: P1308907

CATALOG NUMBER: LDSQA3D05R259030DE010 3LSQPHR1MW

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	3045.2	3045.2	3045.2	3045.2	3045.2
1°	3032.7	3036.7	3032.2	3037.2	3036.7
2°	3001.1	3005.1	2999.6	3002.6	3002.6
3°	2936.5	2945.0	2950.0	2953.5	2956.5
4°	2851.3	2860.8	2868.3	2877.3	2877.3
5°	2749.1	2754.1	2774.1	2785.1	2787.6
6°	2627.3	2647.3	2662.4	2684.4	2670.9
7°	2505.5	2522.1	2543.1	2546.6	2556.1
8°	2367.2	2384.8	2404.3	2400.8	2392.8
9°	2198.8	2224.4	2247.5	2239.9	2250.0
10°	2043.0	2058.5	2057.5	2050.0	2067.1
11°	1862.1	1865.6	1846.1	1876.6	1858.1
12°	1647.6	1650.6	1625.6	1655.6	1674.7
13°	1442.2	1435.2	1400.6	1440.2	1464.2
14°	1205.7	1208.2	1164.1	1240.7	1234.7
15°	992.2	985.2	962.6	1005.7	1026.8
17.5°	528.7	533.2	527.7	549.2	562.7
20°	272.6	280.1	277.1	286.1	280.1
22.5°	141.3	151.8	154.8	147.8	128.8
25°	45.6	67.6	86.2	65.6	54.1
27.5°	27.6	27.1	42.1	29.1	29.6
30°	17.0	16.5	17.5	17.5	18.0
32.5°	9.5	10.0	9.5	10.5	10.0
35°	5.0	5.5	5.5	6.0	5.5
37.5°	3.0	3.5	3.5	3.5	3.0
40°	1.5	2.0	2.0	1.5	1.5
42.5°	1.0	1.0	1.0	1.0	1.0
45°	1.0	0.5	0.5	0.5	1.0
47.5°	0.5	0.5	0.0	0.5	0.5
50°	0.5	0.5	0.0	0.5	0.5
52.5°	0.5	0.0	0.0	0.0	0.5
55°	0.5	0.0	0.0	0.0	0.5
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: P1308907

CATALOG NUMBER: LDSQA3D05R259030DE010 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)