

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: P1309148

Luminaire Tested: LDSQA3D09R609030DE010 3LSQCDR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1309148
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-41)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D09R609030DE010 3LSQCDR1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 3000K CCT AND, 90CRI , 3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

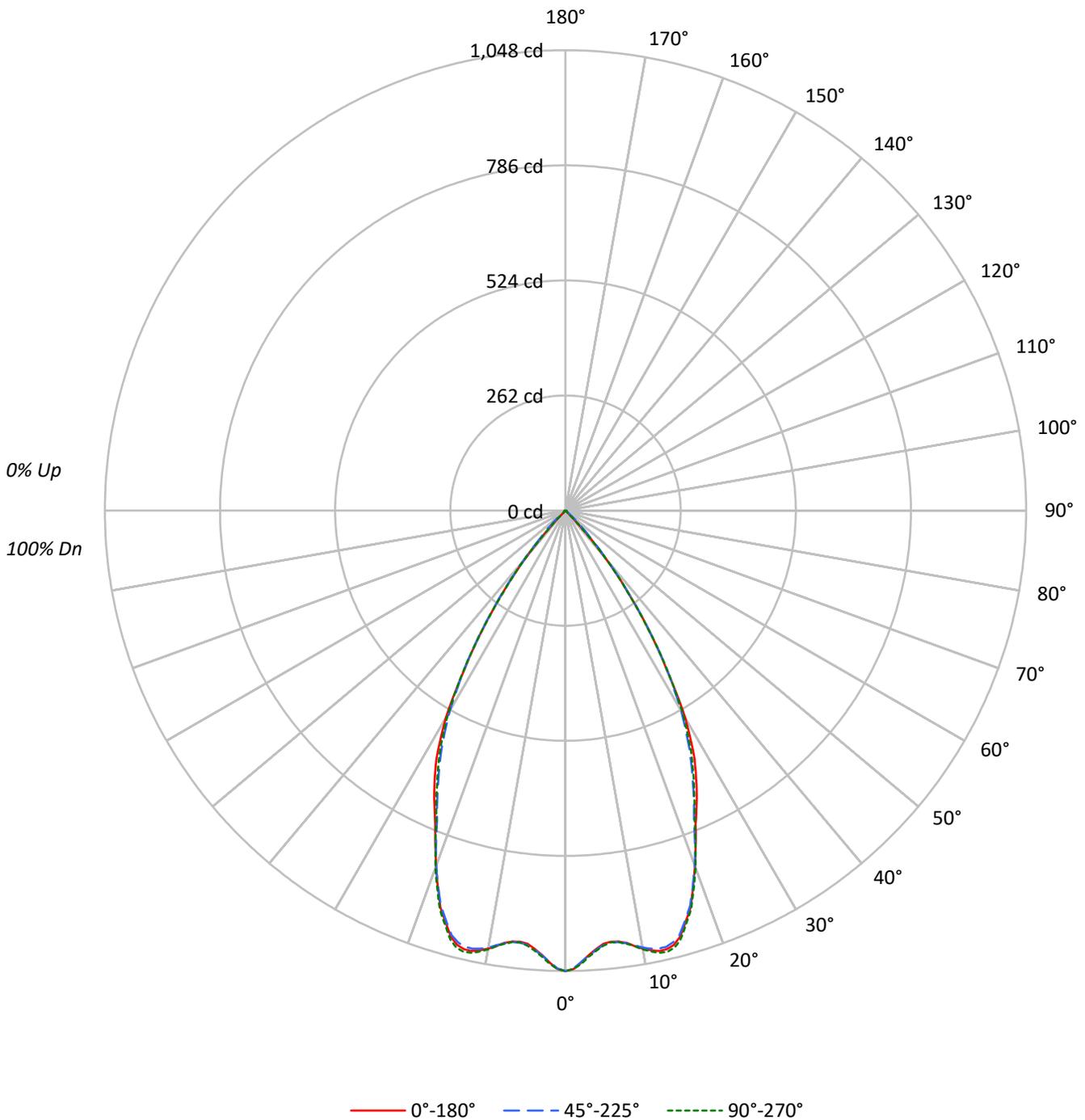
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 935.0 lumens
Efficiency: N/A
Efficacy: 84.2 lumens/watt
Spacing Criteria (0/90/45): 0.93 / 0.92 / 0.9
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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	114	111	108	106	111	109	107	105	105	103	101	101	100	98	98	96	95	95	95	95	94
2	108	103	99	96	106	102	98	95	98	95	93	95	93	91	93	91	89	89	89	89	87
3	103	97	92	88	101	95	91	87	93	89	86	90	87	84	88	85	83	83	83	83	82
4	98	90	85	81	96	89	84	80	87	83	79	85	81	79	83	80	78	78	78	78	76
5	93	85	79	75	91	84	79	75	82	77	74	80	76	73	79	75	73	73	73	73	71
6	88	80	74	70	87	79	73	69	77	73	69	76	72	68	75	71	68	68	68	68	67
7	84	75	69	65	83	74	69	65	73	68	64	72	67	64	71	67	64	64	64	64	62
8	80	71	65	61	79	70	65	61	69	64	60	68	64	60	67	63	60	60	60	60	59
9	76	67	61	57	75	66	61	57	65	60	57	65	60	57	64	60	56	56	56	56	55
10	73	63	58	54	72	63	57	54	62	57	54	61	57	53	61	56	53	53	53	53	52

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	180541	180541	180541
5°	171100	171618	171861
10°	177048	176541	177433
15°	179207	178423	180259
20°	157800	157672	158478
25°	134273	130396	131498
30°	108382	104603	106333
35°	68603	69213	68435
40°	32059	33386	32554
45°	1948	11764	2314
50°	991	2733	991
55°	1111	1111	1111
60°	999	999	999
65°	897	1182	897
70°	1108	1108	1108
75°	998	998	998
80°	694	694	694
85°	1383	1383	1383

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°
 Vertical Angle: 45°
 Luminance: 11764 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	95.5	10.2
10°-20°	275.2	29.4
20°-30°	317.2	33.9
30°-40°	203.7	21.8
40°-50°	35.4	3.8
50°-60°	3.4	0.4
60°-70°	2.6	0.3
70°-80°	1.6	0.2
80°-90°	0.5	0.1
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°	687.9	73.6
0°-40°	891.6	95.4
0°-60°	930.4	99.5
0°-90°	935.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	935.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1048	1048	1048	1048	1048	
5°	990	992	993	995	994	95
15°	1005	1002	1001	1007	1011	275
25°	707	699	686	687	692	322
35°	326	324	329	323	326	204
45°	8	24	48	28	10	27
55°	4	4	4	4	4	3
65°	2	3	3	3	2	2
75°	2	2	2	2	2	2
85°	1	1	1	1	1	0
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1048.3	1048.3	1048.3	1048.3	1048.3
1°	1043.9	1043.1	1042.4	1043.1	1043.9
2°	1029.2	1028.5	1027.8	1030.7	1032.2
3°	1013.2	1013.9	1014.6	1016.1	1016.8
4°	1000.0	1001.5	1002.2	1003.6	1004.4
5°	989.7	991.9	992.7	994.9	994.1
6°	986.8	988.3	989.0	989.7	988.3
7°	988.3	989.0	989.7	991.2	989.7
8°	993.4	994.1	994.9	995.6	995.6
9°	1003.6	1002.2	1001.5	1004.4	1003.6
10°	1012.4	1010.2	1009.5	1013.9	1014.6
11°	1019.7	1016.8	1016.1	1021.2	1022.7
12°	1024.9	1020.5	1019.7	1026.3	1029.2
13°	1024.9	1019.0	1019.0	1026.3	1030.7
14°	1019.0	1012.4	1012.4	1020.5	1025.6
15°	1005.1	1001.5	1000.7	1007.3	1011.0
17.5°	946.6	942.2	942.9	950.2	951.0
20°	861.0	858.8	860.3	861.7	864.7
22.5°	773.9	772.5	764.4	766.6	768.1
25°	706.6	698.6	686.2	686.9	692.0
27.5°	635.7	627.6	610.1	613.7	618.9
30°	545.0	538.4	526.0	528.2	534.7
32.5°	427.9	441.1	429.4	433.1	430.9
35°	326.3	324.1	329.2	322.6	325.5
37.5°	229.7	230.4	232.6	226.8	226.8
40°	142.6	146.3	148.5	145.6	144.8
42.5°	60.0	81.9	86.3	81.9	60.7
45°	8.0	24.1	48.3	28.5	9.5
47.5°	3.7	5.1	25.6	5.1	3.7
50°	3.7	3.7	10.2	3.7	3.7
52.5°	3.7	3.7	3.7	3.7	3.7
55°	3.7	3.7	3.7	3.7	3.7
57.5°	3.7	3.7	3.7	3.7	3.7
60°	2.9	2.9	2.9	2.9	2.9
62.5°	2.9	2.9	2.9	2.9	2.9
65°	2.2	2.9	2.9	2.9	2.2
67.5°	2.2	2.2	2.2	2.2	2.2
70°	2.2	2.2	2.2	2.2	2.2
72.5°	1.5	1.5	1.5	1.5	1.5
75°	1.5	1.5	1.5	1.5	1.5
77.5°	1.5	1.5	1.5	1.5	1.5
80°	0.7	0.7	0.7	0.7	0.7
82.5°	0.7	0.7	0.7	0.7	0.7
85°	0.7	0.7	0.7	0.7	0.7
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)