

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: P1323780

Luminaire Tested: LDSQA3D09R359030D2WDE010 3LSQPHRL1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323780
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D09R359030D2WDE010 3LSQPHRL1MMS
Description: 3in Adjustable Dim to Warm LED luminaire with, R35 optic, 3000K CCT AND, 90CRI ,
3LSQPHRL1MMS TRIM
Light Source: -
Ballast/Driver: -

Summary

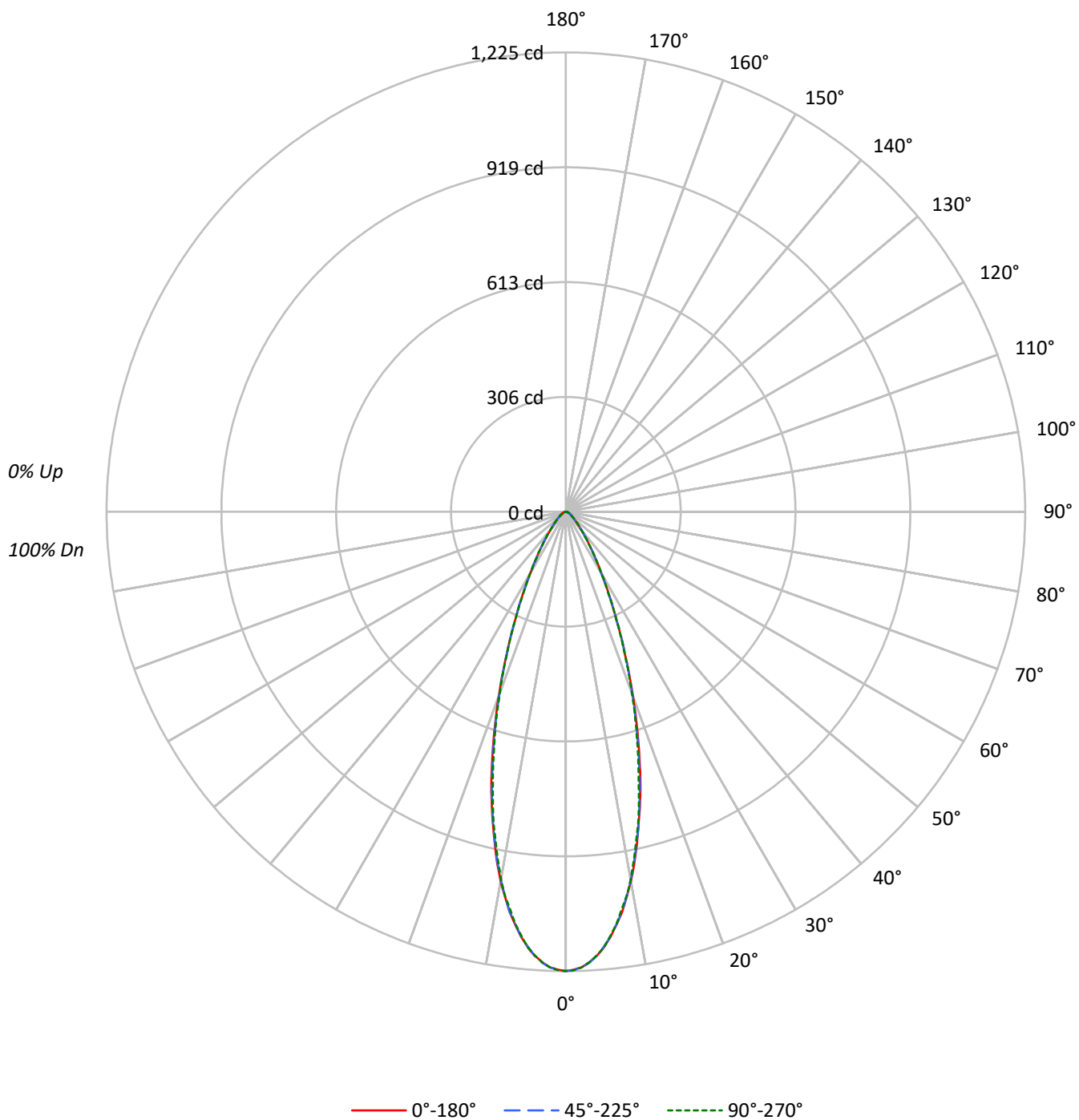
Lumens per Lamp: N/A
Luminaire Lumens: 604.0 lumens
Efficiency: N/A
Efficacy: 41.1 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.58 / 0.6
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.7
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

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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
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	114	111	108	106	111	109	106	104	105	103	101		101	99	98		97
2	108	103	99	96	106	102	98	95	98	95	93		95	93	91		93
3	103	97	92	88	101	95	91	87	93	89	86		90	87	85		88
4	98	91	86	82	96	90	85	81	88	84	80		86	82	79		84
5	94	86	80	76	92	85	80	76	83	79	75		82	78	75		80
6	90	81	76	72	88	81	75	71	79	74	71		78	74	70		76
7	86	77	72	68	85	77	71	67	75	71	67		74	70	67		73
8	82	73	68	64	81	73	68	64	72	67	64		71	67	63		70
9	79	70	65	61	78	70	64	61	69	64	61		68	63	60		67
10	76	67	62	58	75	67	61	58	66	61	58		65	61	58		64

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	210921	210921	210921
5°	201544	201198	201544
10°	174967	174390	174145
15°	137111	136024	133884
20°	95926	95065	94442
25°	60923	61303	60923
30°	37526	37804	37526
35°	23211	23358	23358
40°	14748	14906	14906
45°	9937	10108	10278
50°	7181	7341	7341
55°	5615	5615	5615
60°	4616	4616	4616
65°	4075	4075	4075
70°	3726	3726	3726
75°	3127	3127	3127
80°	2678	2678	2678
85°	1383	1383	2569

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 67.5°

Vertical Angle: 45°

Luminance: 10278 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	105.8	17.5
10°-20°	208.4	34.5
20°-30°	150.4	24.9
30°-40°	72.5	12.0
40°-50°	33.4	5.5
50°-60°	17.3	2.9
60°-70°	10.0	1.7
70°-80°	5.0	0.8
80°-90°	1.2	0.2
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°	464.6	76.9
0°-40°	537.1	88.9
0°-60°	587.8	97.3
0°-90°	604.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	604.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1225	1225	1225	1225	1225	
5°	1166	1168	1164	1164	1166	106
15°	769	768	763	760	751	210
25°	321	321	323	323	321	150
35°	110	110	111	111	111	72
45°	41	42	42	42	42	33
55°	19	19	19	19	19	17
65°	10	10	10	10	10	10
75°	5	5	5	5	5	5
85°	1	1	1	1	1	1
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1224.7	1224.7	1224.7	1224.7	1224.7
1°	1221.4	1223.4	1222.7	1223.4	1222.7
2°	1215.4	1216.7	1215.4	1216.0	1216.0
3°	1202.6	1204.0	1204.0	1203.3	1202.6
4°	1187.2	1190.6	1187.2	1187.9	1185.9
5°	1165.8	1168.5	1163.8	1164.5	1165.8
6°	1139.7	1140.4	1139.1	1138.4	1137.1
7°	1109.6	1112.3	1107.6	1108.3	1106.9
8°	1077.5	1076.8	1076.8	1074.1	1070.1
9°	1038.7	1041.4	1037.3	1036.0	1036.7
10°	1000.5	1000.5	997.2	993.8	995.8
11°	957.0	955.7	953.7	949.0	947.7
12°	909.5	912.2	906.2	904.2	899.5
13°	860.7	864.7	862.0	854.6	855.3
14°	815.1	812.5	810.5	809.1	804.4
15°	769.0	767.6	762.9	759.6	750.9
17.5°	642.5	643.8	635.1	633.8	630.4
20°	523.4	519.3	518.7	519.3	515.3
22.5°	412.9	416.9	412.3	412.9	410.2
25°	320.6	321.2	322.6	322.6	320.6
27.5°	249.0	249.0	247.6	249.0	247.0
30°	188.7	188.7	190.1	191.4	188.7
32.5°	145.9	145.9	145.9	146.6	147.2
35°	110.4	110.4	111.1	111.1	111.1
37.5°	85.0	85.7	86.3	86.3	86.3
40°	65.6	66.3	66.3	66.9	66.3
42.5°	52.2	52.2	52.2	52.9	52.9
45°	40.8	41.5	41.5	42.2	42.2
47.5°	33.5	33.5	33.5	34.1	34.1
50°	26.8	27.4	27.4	27.4	27.4
52.5°	22.1	22.1	22.8	22.8	22.8
55°	18.7	18.7	18.7	18.7	18.7
57.5°	15.4	16.1	16.1	16.1	16.1
60°	13.4	13.4	13.4	13.4	13.4
62.5°	11.4	11.4	11.4	11.4	11.4
65°	10.0	10.0	10.0	10.0	10.0
67.5°	8.0	8.7	8.7	8.7	8.7
70°	7.4	7.4	7.4	7.4	7.4
72.5°	5.4	6.0	6.0	6.0	6.0
75°	4.7	4.7	4.7	4.7	4.7
77.5°	4.0	3.3	3.3	3.3	4.0
80°	2.7	2.7	2.7	2.7	2.7
82.5°	2.0	2.0	2.0	2.0	2.0
85°	0.7	0.7	0.7	0.7	1.3
87.5°	0.0	0.0	0.0	0.7	0.7



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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)