

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: P1320047

Luminaire Tested: LDSQA3D09R709840DE010 3LSQCLDWWR1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1320047
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-46)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D09R709840DE010 3LSQCLDWWR1MMS
Description: 3in Adjustable LED luminaire with, R70 optic, 4000K CCT AND, 98CRI , 3LSQCLDWWR1MMS T
Light Source: -
Ballast/Driver: -

Summary

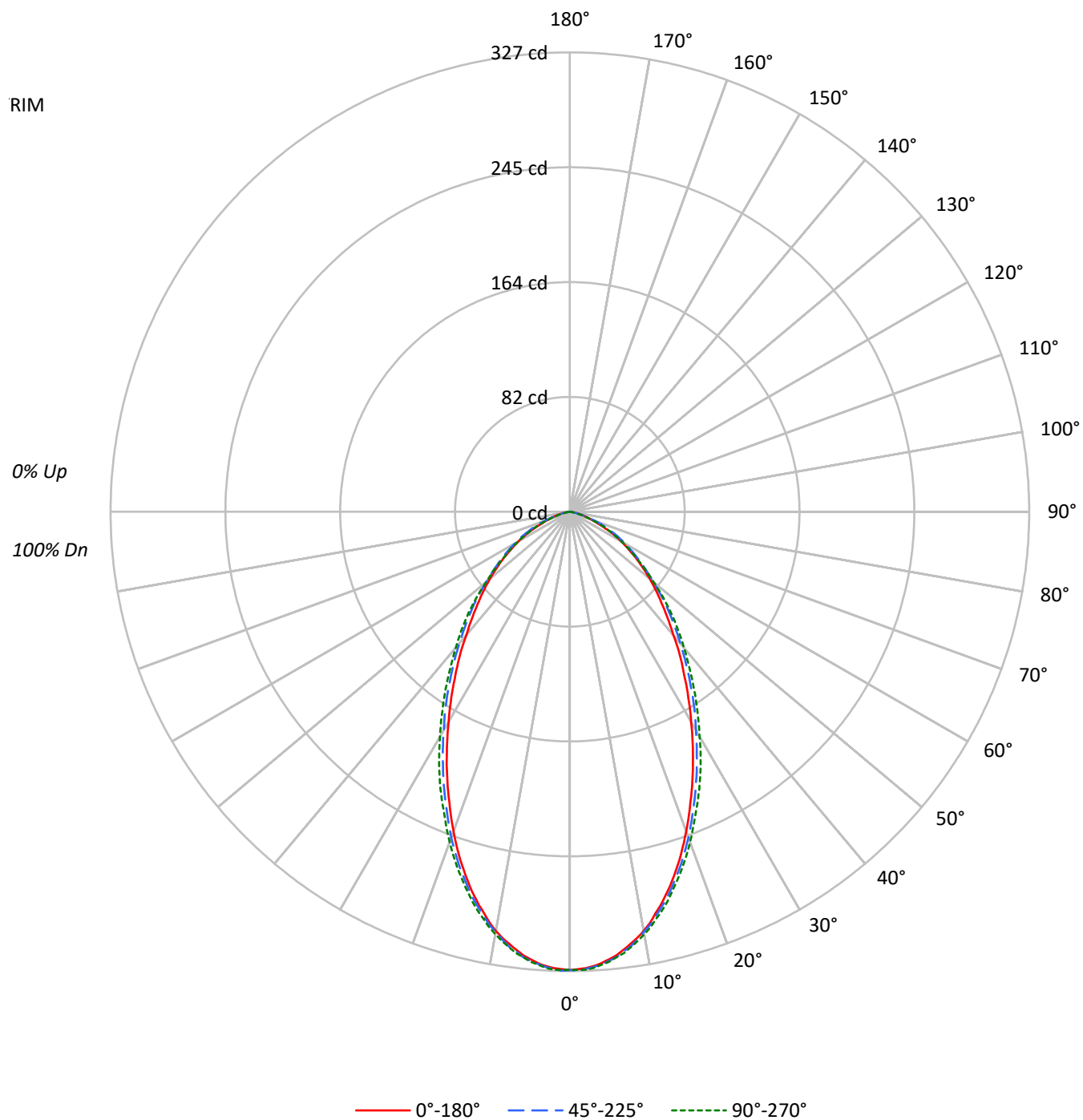
Lumens per Lamp: N/A
Luminaire Lumens: 467.0 lumens
Efficiency: N/A
Efficacy: 42.5 lumens/watt
Spacing Criteria (0/90/45): 0.89 / 0.93 / 1
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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	111	108	104	101	109	106	103	100	101	99	97		98	96	94		94
2	103	97	92	87	101	95	90	86	92	88	84		89	85	82		86
3	96	87	81	76	94	86	80	75	83	78	74		81	76	72		78
4	89	79	72	66	87	78	71	66	76	70	65		74	68	64		72
5	83	72	65	59	81	71	64	59	69	63	58		67	62	58		66
6	78	66	59	53	76	65	58	53	64	57	53		62	56	52		61
7	73	61	53	48	71	60	53	48	59	52	48		58	52	47		56
8	68	57	49	44	67	56	49	44	55	48	44		53	48	43		52
9	64	53	45	40	63	52	45	40	51	45	40		50	44	40		49
10	61	49	42	37	60	49	42	37	48	41	37		47	41	37		46

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	56179	56179	56179
5°	55287	55495	55598
10°	52988	53093	53408
15°	49175	49585	49995
20°	44389	45232	45874
25°	39317	40400	41407
30°	34344	35716	36750
35°	29855	31432	32399
40°	25787	27496	28395
45°	22578	24137	24843
50°	19880	20791	20791
55°	17235	18106	17565
60°	14570	15569	14777
65°	11329	13000	11818
70°	8157	9618	8157
75°	6188	5789	4658
80°	4066	2876	1190
85°	1186	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°

Vertical Angle: 45°

Luminance: 24843 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.1	6.4
10°-20°	77.6	16.6
20°-30°	97.4	20.9
30°-40°	93.1	19.9
40°-50°	75.7	16.2
50°-60°	53.0	11.3
60°-70°	29.9	6.4
70°-80°	9.5	2.0
80°-90°	0.7	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°	205.2	43.9
0°-40°	298.2	63.9
0°-60°	426.9	91.4
0°-90°	467.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	467.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	326	326	326	326	326	
5°	320	320	321	320	322	30
15°	276	276	278	279	280	77
25°	207	209	213	216	218	95
35°	142	144	150	152	154	89
45°	93	95	99	101	102	72
55°	57	58	60	59	58	51
65°	28	30	32	30	29	28
75°	9	9	9	8	7	10
85°	1	1	0	0	0	1
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	326.2	326.2	326.2	326.2	326.2
1°	325.6	326.2	326.8	325.6	326.2
2°	325.1	325.6	325.6	325.1	326.2
3°	323.9	324.5	324.5	323.9	325.1
4°	322.2	322.7	322.7	322.2	323.3
5°	319.8	320.4	321.0	320.4	321.6
6°	317.5	318.1	318.7	318.1	318.7
7°	314.0	315.2	315.2	315.2	316.4
8°	310.6	311.7	312.3	311.7	312.9
9°	307.1	307.7	308.2	308.2	309.4
10°	303.0	303.6	303.6	304.2	305.4
11°	298.4	298.4	299.6	299.6	301.3
12°	292.6	293.2	294.3	294.9	296.1
13°	287.4	288.0	289.1	289.7	291.4
14°	281.6	282.8	283.9	284.5	286.2
15°	275.8	276.4	278.1	278.7	280.4
17.5°	259.6	260.2	263.1	264.2	266.0
20°	242.2	243.9	246.8	248.6	250.3
22.5°	224.2	226.0	229.4	232.3	233.5
25°	206.9	209.2	212.6	216.1	217.9
27.5°	189.5	191.8	195.8	199.3	201.6
30°	172.7	175.0	179.6	182.5	184.8
32.5°	157.0	159.3	164.6	167.5	169.2
35°	142.0	144.3	149.5	152.4	154.1
37.5°	128.6	130.9	135.6	138.5	139.6
40°	114.7	117.6	122.3	125.2	126.3
42.5°	103.1	105.5	110.1	112.4	114.1
45°	92.7	95.0	99.1	100.8	102.0
47.5°	83.4	84.6	88.1	88.7	89.8
50°	74.2	75.3	77.6	78.2	77.6
52.5°	65.5	66.6	68.4	67.8	67.8
55°	57.4	57.9	60.3	59.1	58.5
57.5°	49.3	50.4	52.7	51.0	50.4
60°	42.3	43.5	45.2	44.0	42.9
62.5°	35.3	35.9	38.8	36.5	35.3
65°	27.8	29.6	31.9	30.1	29.0
67.5°	20.9	23.8	26.1	23.8	22.6
70°	16.2	17.4	19.1	18.0	16.2
72.5°	12.2	12.7	13.3	12.2	11.0
75°	9.3	9.3	8.7	7.5	7.0
77.5°	6.4	6.4	5.2	3.5	3.5
80°	4.1	4.1	2.9	1.2	1.2
82.5°	1.7	1.7	1.2	0.6	0.6
85°	0.6	0.6	0.0	0.0	0.0
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)