

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: P1319901

Luminaire Tested: LDSQA3D05R709840DE010 3LSQCLDWWR1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1319901
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: LDSQA3D05R709840DE010 3LSQCLDWWR1MMS
Description: 3in Adjustable LED luminaire with, R70 optic, 4000K CCT AND, 98CRI , 3LSQCLDWWR1MMS T
Light Source: -
Ballast/Driver: -

Summary

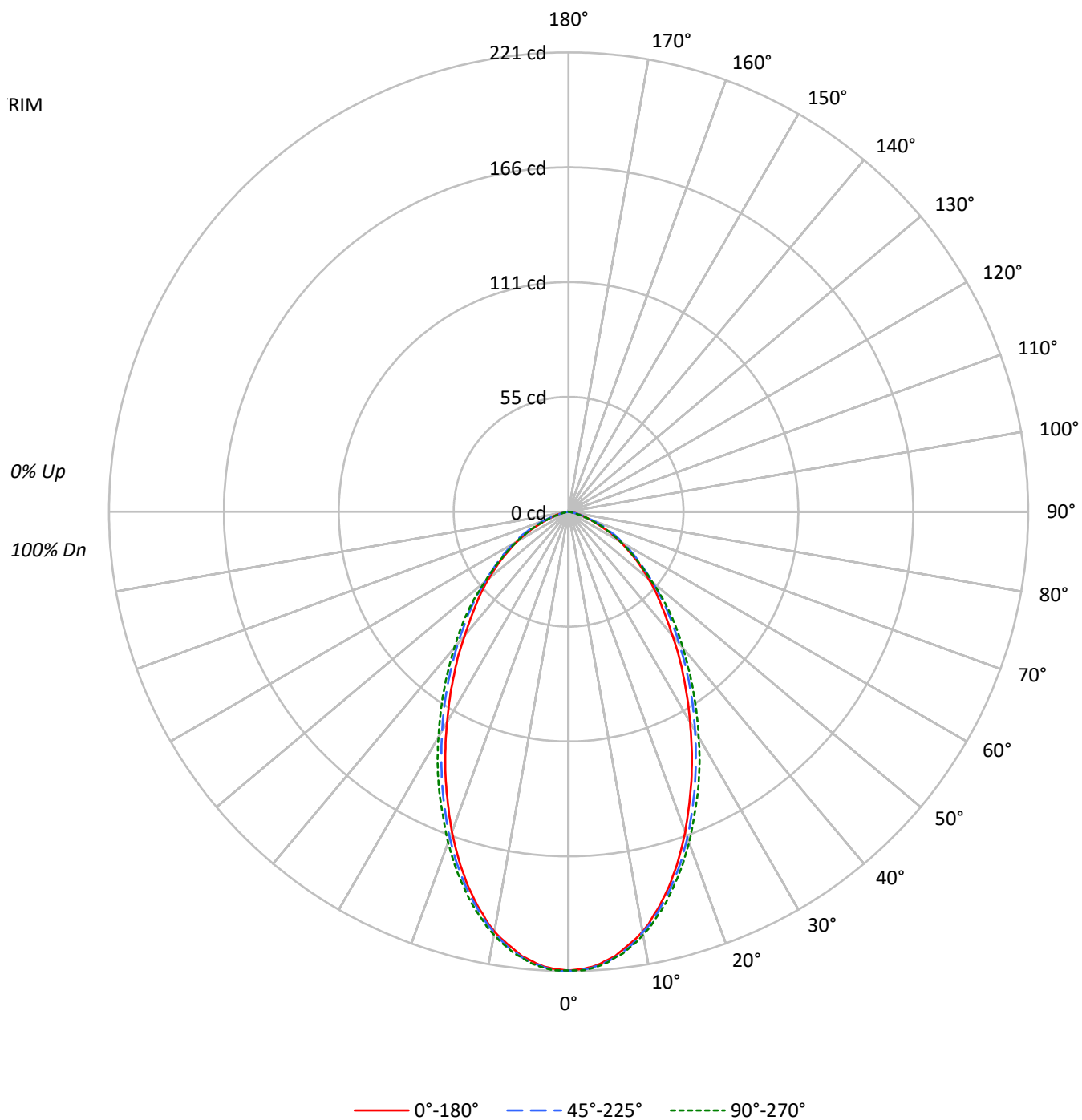
Lumens per Lamp: N/A
Luminaire Lumens: 316.0 lumens
Efficiency: N/A
Efficacy: 43.9 lumens/watt
Spacing Criteria (0/90/45): 0.89 / 0.93 / 1
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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

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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	102	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	69	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°	38010	38010	38010
5°	37411	37550	37619
10°	35868	35920	36130
15°	33270	33556	33841
20°	30039	30607	31047
25°	26604	27345	28010
30°	23227	24162	24878
35°	20205	21277	21929
40°	17446	18593	19222
45°	15271	16318	16806
50°	13450	14066	14066
55°	11650	12251	11890
60°	9851	10540	9989
65°	7661	8802	7987
70°	5539	6496	5539
75°	4192	3926	3127
80°	2678	1984	793
85°	790	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°

Vertical Angle: 45°

Luminance: 16806 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.3	6.4
10°-20°	52.5	16.6
20°-30°	65.9	20.9
30°-40°	63.0	19.9
40°-50°	51.2	16.2
50°-60°	35.9	11.3
60°-70°	20.2	6.4
70°-80°	6.4	2.0
80°-90°	0.5	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°	138.8	43.9
0°-40°	201.8	63.9
0°-60°	288.8	91.4
0°-90°	316.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	316.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	221	221	221	221	221	
5°	216	217	217	217	218	20
15°	187	187	188	189	190	52
25°	140	142	144	146	147	64
35°	96	98	101	103	104	60
45°	63	64	67	68	69	49
55°	39	39	41	40	40	35
65°	19	20	22	20	20	19
75°	6	6	6	5	5	7
85°	0	0	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°	220.7	220.7	220.7	220.7	220.7
1°	220.3	220.7	221.1	220.3	220.7
2°	219.9	220.3	220.3	219.9	220.7
3°	219.2	219.6	219.6	219.2	219.9
4°	218.0	218.4	218.4	218.0	218.8
5°	216.4	216.8	217.2	216.8	217.6
6°	214.9	215.2	215.6	215.2	215.6
7°	212.5	213.3	213.3	213.3	214.1
8°	210.1	210.9	211.3	210.9	211.7
9°	207.8	208.2	208.6	208.6	209.4
10°	205.1	205.4	205.4	205.8	206.6
11°	201.9	201.9	202.7	202.7	203.9
12°	198.0	198.4	199.2	199.6	200.3
13°	194.5	194.9	195.6	196.0	197.2
14°	190.5	191.3	192.1	192.5	193.7
15°	186.6	187.0	188.2	188.6	189.8
17.5°	175.6	176.0	178.0	178.8	180.0
20°	163.9	165.1	167.0	168.2	169.4
22.5°	151.7	152.9	155.3	157.2	158.0
25°	140.0	141.5	143.9	146.2	147.4
27.5°	128.2	129.8	132.5	134.9	136.4
30°	116.8	118.4	121.5	123.5	125.1
32.5°	106.3	107.8	111.3	113.3	114.5
35°	96.1	97.6	101.2	103.1	104.3
37.5°	87.0	88.6	91.7	93.7	94.5
40°	77.6	79.6	82.7	84.7	85.5
42.5°	69.8	71.4	74.5	76.1	77.2
45°	62.7	64.3	67.0	68.2	69.0
47.5°	56.5	57.2	59.6	60.0	60.8
50°	50.2	51.0	52.5	52.9	52.5
52.5°	44.3	45.1	46.3	45.9	45.9
55°	38.8	39.2	40.8	40.0	39.6
57.5°	33.3	34.1	35.7	34.5	34.1
60°	28.6	29.4	30.6	29.8	29.0
62.5°	23.9	24.3	26.3	24.7	23.9
65°	18.8	20.0	21.6	20.4	19.6
67.5°	14.1	16.1	17.6	16.1	15.3
70°	11.0	11.8	12.9	12.2	11.0
72.5°	8.2	8.6	9.0	8.2	7.4
75°	6.3	6.3	5.9	5.1	4.7
77.5°	4.3	4.3	3.5	2.4	2.4
80°	2.7	2.7	2.0	0.8	0.8
82.5°	1.2	1.2	0.8	0.4	0.4
85°	0.4	0.4	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)