

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: P1312800

Luminaire Tested: LDSQA3D17R709050DE010 3LSQCLDWWR1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1312800
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: LDSQA3D17R709050DE010 3LSQCLDWWR1MB
Description: 3in Adjustable LED luminaire with, R70 optic, 5000K CCT AND, 90CRI , 3LSQCLDWWR1MB TRI
Light Source: -
Ballast/Driver: -

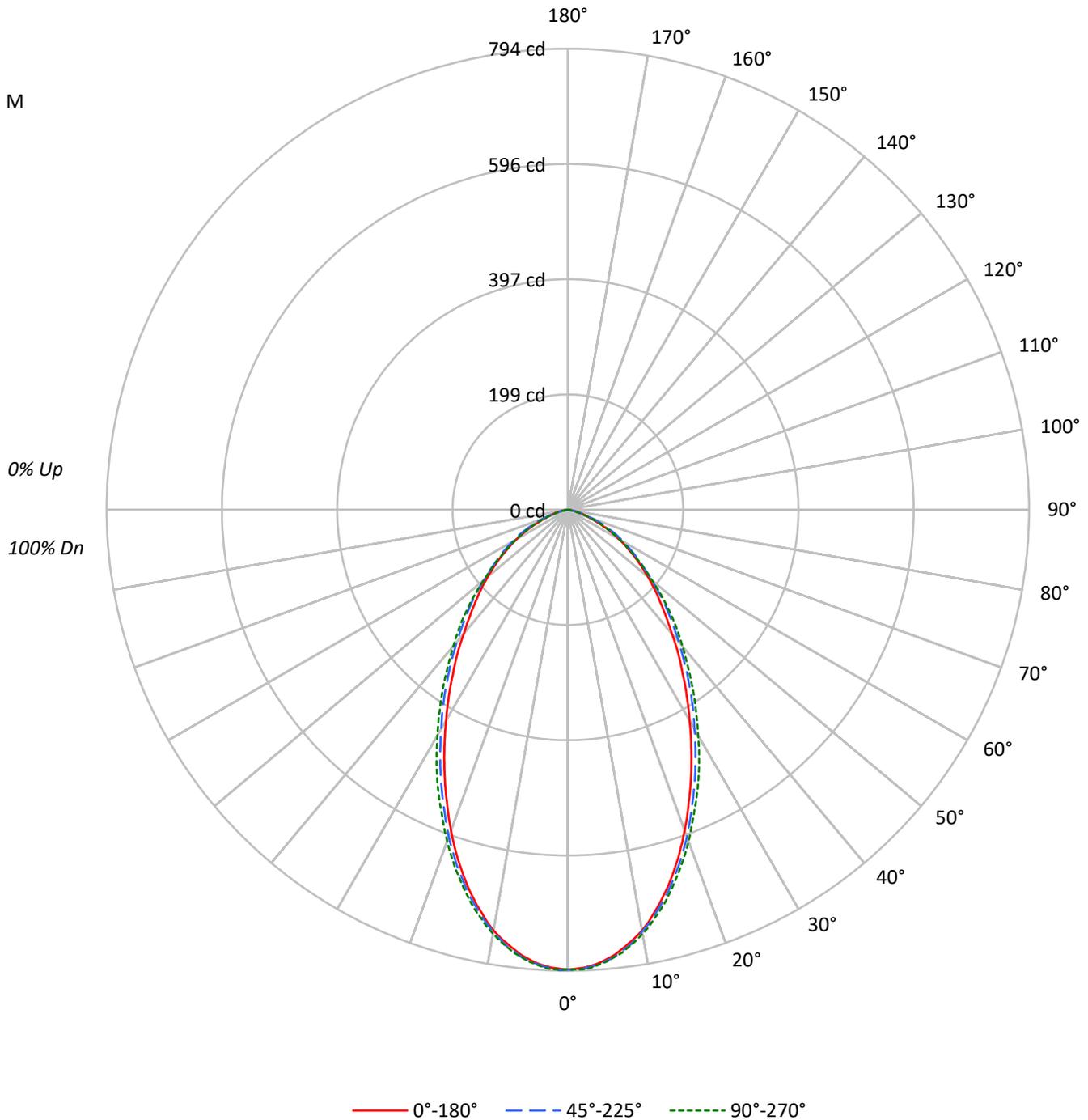
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1134.0 lumens
Efficiency: N/A
Efficacy: 53.5 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): 21.2
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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100
1	111	108	104	102	109	106	103	100	101	99	97	98	96	94	94	93	91	89	89	89
2	103	97	92	87	101	95	90	86	92	88	84	89	85	82	86	83	80	79	79	79
3	96	87	81	76	94	86	80	75	83	78	74	81	76	72	78	74	71	69	69	69
4	89	79	72	66	87	78	71	66	76	70	65	74	69	64	72	67	64	62	62	62
5	83	72	65	59	81	71	64	59	69	63	58	67	62	58	66	61	57	55	55	55
6	78	66	59	53	76	65	58	53	64	57	53	62	56	52	61	56	52	50	50	50
7	73	61	53	48	71	60	53	48	59	52	48	58	52	47	56	51	47	45	45	45
8	68	57	49	44	67	56	49	44	55	48	44	53	48	43	52	47	43	41	41	41
9	64	53	45	40	63	52	45	40	51	45	40	50	44	40	49	44	40	38	38	38
10	61	49	42	37	60	49	42	37	48	41	37	47	41	37	46	41	37	35	35	35

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	136418	136418	136418
5°	134276	134760	135002
10°	128676	128939	129673
15°	119406	120405	121421
20°	107784	109855	111395
25°	95450	98130	100524
30°	83384	86745	89251
35°	72471	76319	78695
40°	62635	66749	68953
45°	54825	58600	60305
50°	48254	50505	50505
55°	41826	43928	42667
60°	35375	37786	35857
65°	27507	31542	28648
70°	19840	23365	19840
75°	14972	14040	11246
80°	9720	6943	2777
85°	2766	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 45°
 Luminance: 60305 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	73.0	6.4
10°-20°	188.5	16.6
20°-30°	236.6	20.9
30°-40°	226.0	19.9
40°-50°	183.8	16.2
50°-60°	128.6	11.3
60°-70°	72.6	6.4
70°-80°	23.0	2.0
80°-90°	1.8	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°	498.2	43.9
0°-40°	724.2	63.9
0°-60°	1036.6	91.4
0°-90°	1134.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1134.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	792	792	792	792	792	
5°	777	778	780	778	781	73
15°	670	671	675	677	681	187
25°	502	508	516	525	529	230
35°	345	350	363	370	374	216
45°	225	231	241	245	248	175
55°	139	141	146	144	142	125
65°	68	72	77	73	70	68
75°	22	22	21	18	17	24
85°	1	1	0	0	0	3
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	792.1	792.1	792.1	792.1	792.1
1°	790.7	792.1	793.5	790.7	792.1
2°	789.3	790.7	790.7	789.3	792.1
3°	786.5	787.9	787.9	786.5	789.3
4°	782.3	783.7	783.7	782.3	785.1
5°	776.7	778.1	779.5	778.1	780.9
6°	771.0	772.4	773.8	772.4	773.8
7°	762.6	765.4	765.4	765.4	768.2
8°	754.1	757.0	758.4	757.0	759.8
9°	745.7	747.1	748.5	748.5	751.3
10°	735.8	737.3	737.3	738.7	741.5
11°	724.6	724.6	727.4	727.4	731.6
12°	710.5	711.9	714.7	716.2	719.0
13°	697.9	699.3	702.1	703.5	707.7
14°	683.8	686.6	689.4	690.8	695.0
15°	669.7	671.1	675.3	676.8	681.0
17.5°	630.3	631.7	638.8	641.6	645.8
20°	588.1	592.3	599.4	603.6	607.8
22.5°	544.5	548.7	557.2	564.2	567.0
25°	502.3	507.9	516.4	524.8	529.0
27.5°	460.1	465.7	475.6	484.0	489.6
30°	419.3	424.9	436.2	443.2	448.8
32.5°	381.3	386.9	399.6	406.6	410.8
35°	344.7	350.3	363.0	370.0	374.3
37.5°	312.3	318.0	329.2	336.3	339.1
40°	278.6	285.6	296.9	303.9	306.7
42.5°	250.4	256.1	267.3	273.0	277.2
45°	225.1	230.7	240.6	244.8	247.6
47.5°	202.6	205.4	213.9	215.3	218.1
50°	180.1	182.9	188.5	189.9	188.5
52.5°	159.0	161.8	166.0	164.6	164.6
55°	139.3	140.7	146.3	143.5	142.1
57.5°	119.6	122.4	128.0	123.8	122.4
60°	102.7	105.5	109.7	106.9	104.1
62.5°	85.8	87.2	94.3	88.6	85.8
65°	67.5	71.8	77.4	73.2	70.3
67.5°	50.7	57.7	63.3	57.7	54.9
70°	39.4	42.2	46.4	43.6	39.4
72.5°	29.5	31.0	32.4	29.5	26.7
75°	22.5	22.5	21.1	18.3	16.9
77.5°	15.5	15.5	12.7	8.4	8.4
80°	9.8	9.8	7.0	2.8	2.8
82.5°	4.2	4.2	2.8	1.4	1.4
85°	1.4	1.4	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)