

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: P1320484

Luminaire Tested: LDSQA3D20R709840D010 3LSQCLDWWR1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1320484
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: LDSQA3D20R709840D010 3LSQCLDWWWR1MB
Description: 3in Adjustable LED luminaire with, R70 optic, 4000K CCT AND, 98CRI , 3LSQCLDWWWR1MB TRI
Light Source: -
Ballast/Driver: -

Summary

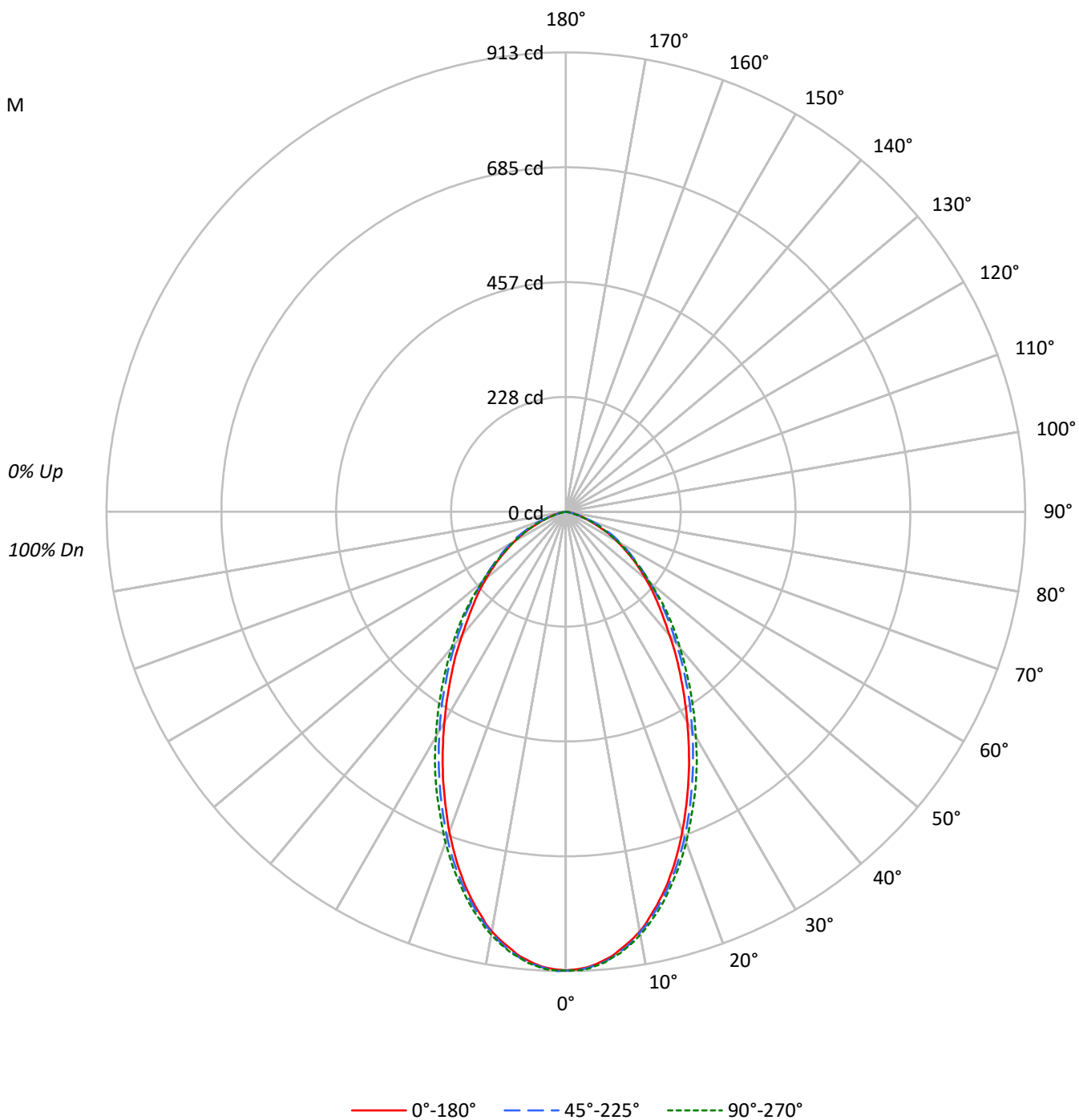
Lumens per Lamp: N/A
Luminaire Lumens: 1305.0 lumens
Efficiency: N/A
Efficacy: 47.6 lumens/watt
Spacing Criteria (0/90/45): 0.89 / 0.93 / 0.99
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.4
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°	156998	156998	156998
5°	154521	155074	155350
10°	148088	148368	149225
15°	137414	138573	139732
20°	124041	126423	128201
25°	109835	112914	115688
30°	95953	99811	102714
35°	83404	87819	90553
40°	72078	76799	79362
45°	63106	67442	69414
50°	55515	58141	58141
55°	48132	50564	49093
60°	40713	43503	41265
65°	31664	36309	33009
70°	22811	26889	22811
75°	17234	16170	12909
80°	11207	8034	3174
85°	3162	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°

Vertical Angle: 45°

Luminance: 69414 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	84.0	6.4
10°-20°	216.9	16.6
20°-30°	272.3	20.9
30°-40°	260.1	19.9
40°-50°	211.5	16.2
50°-60°	148.0	11.3
60°-70°	83.6	6.4
70°-80°	26.5	2.0
80°-90°	2.1	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°	573.3	43.9
0°-40°	833.4	63.9
0°-60°	1192.9	91.4
0°-90°	1305.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1305.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	912	912	912	912	912	
5°	894	895	897	895	899	84
15°	771	772	777	779	784	215
25°	578	584	594	604	609	265
35°	397	403	418	426	431	249
45°	259	266	277	282	285	201
55°	160	162	168	165	164	144
65°	78	83	89	84	81	78
75°	26	26	24	21	19	28
85°	2	2	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°	911.6	911.6	911.6	911.6	911.6
1°	910.0	911.6	913.2	910.0	911.6
2°	908.3	910.0	910.0	908.3	911.6
3°	905.1	906.7	906.7	905.1	908.3
4°	900.2	901.9	901.9	900.2	903.5
5°	893.8	895.4	897.0	895.4	898.6
6°	887.3	888.9	890.5	888.9	890.5
7°	877.6	880.8	880.8	880.8	884.0
8°	867.9	871.1	872.7	871.1	874.3
9°	858.1	859.8	861.4	861.4	864.6
10°	846.8	848.4	848.4	850.0	853.3
11°	833.9	833.9	837.1	837.1	842.0
12°	817.7	819.3	822.5	824.1	827.4
13°	803.1	804.7	807.9	809.6	814.4
14°	786.9	790.1	793.4	795.0	799.9
15°	770.7	772.3	777.2	778.8	783.7
17.5°	725.4	727.0	735.1	738.3	743.2
20°	676.8	681.7	689.8	694.6	699.5
22.5°	626.6	631.5	641.2	649.3	652.5
25°	578.0	584.5	594.2	603.9	608.8
27.5°	529.5	535.9	547.3	557.0	563.5
30°	482.5	489.0	501.9	510.0	516.5
32.5°	438.8	445.3	459.8	467.9	472.8
35°	396.7	403.2	417.7	425.8	430.7
37.5°	359.4	365.9	378.9	387.0	390.2
40°	320.6	328.7	341.6	349.7	353.0
42.5°	288.2	294.7	307.6	314.1	319.0
45°	259.1	265.5	276.9	281.7	285.0
47.5°	233.2	236.4	246.1	247.7	251.0
50°	207.2	210.5	217.0	218.6	217.0
52.5°	183.0	186.2	191.1	189.4	189.4
55°	160.3	161.9	168.4	165.2	163.5
57.5°	137.6	140.9	147.3	142.5	140.9
60°	118.2	121.4	126.3	123.1	119.8
62.5°	98.8	100.4	108.5	102.0	98.8
65°	77.7	82.6	89.1	84.2	81.0
67.5°	58.3	66.4	72.9	66.4	63.1
70°	45.3	48.6	53.4	50.2	45.3
72.5°	34.0	35.6	37.2	34.0	30.8
75°	25.9	25.9	24.3	21.0	19.4
77.5°	17.8	17.8	14.6	9.7	9.7
80°	11.3	11.3	8.1	3.2	3.2
82.5°	4.9	4.9	3.2	1.6	1.6
85°	1.6	1.6	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)