

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: P1320032

Luminaire Tested: LDSQA3D09R609840DE010 3LSQCDR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1320032
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-41)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D09R609840DE010 3LSQCDR1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 4000K CCT AND, 98CRI , 3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

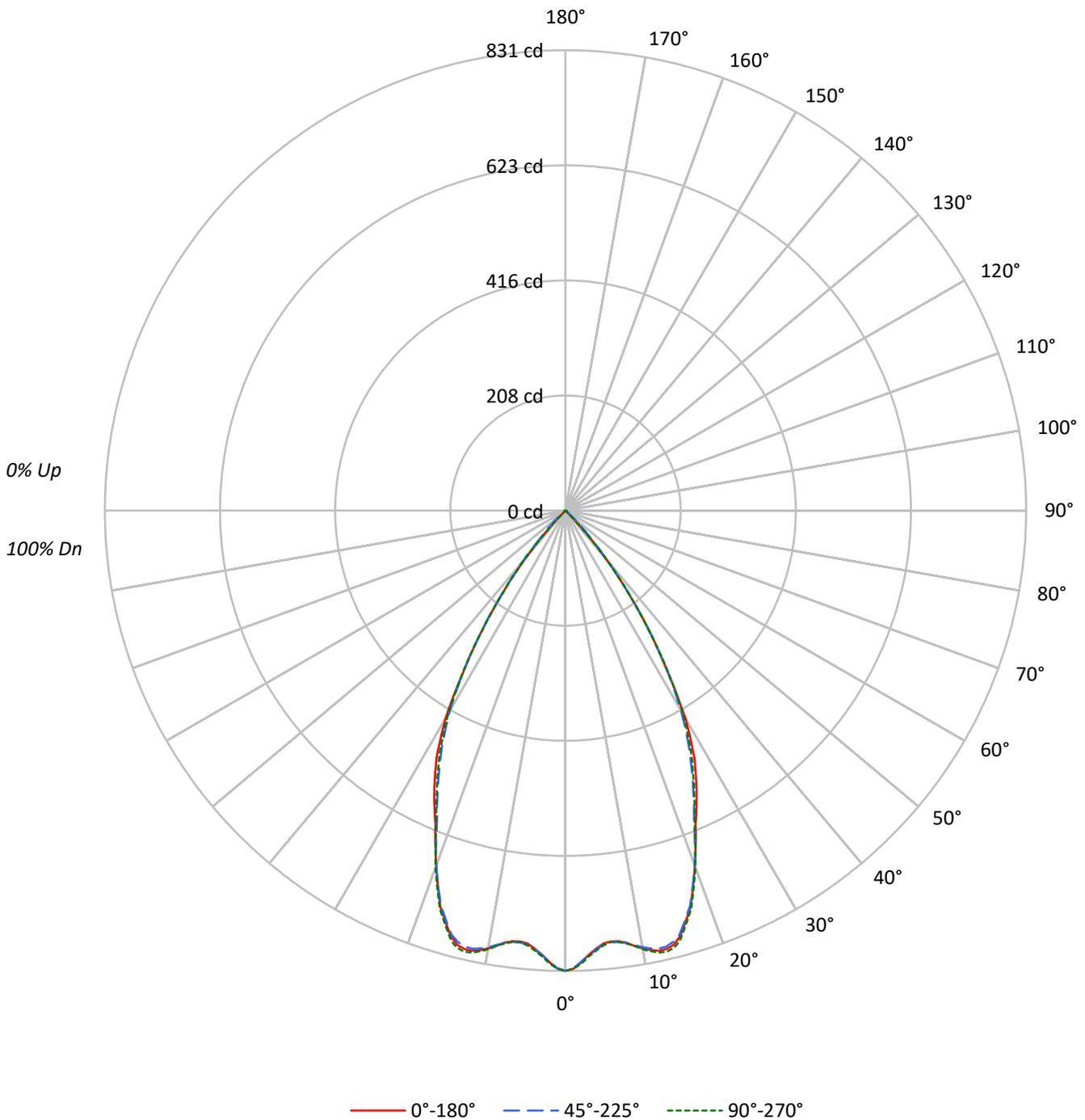
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 741.0 lumens
Efficiency: N/A
Efficacy: 67.4 lumens/watt
Spacing Criteria (0/90/45): 0.93 / 0.92 / 0.9
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 (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	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	100
1	114	111	108	106	111	109	107	105	105	103	101	101	100	98	98	96	95	95	95	95	94
2	108	103	99	96	106	102	98	95	98	95	93	95	93	91	93	91	89	89	89	89	87
3	103	97	92	88	101	95	91	87	93	89	86	90	87	84	88	85	83	83	83	83	82
4	98	90	85	81	96	89	84	80	87	83	79	85	81	79	83	80	78	78	78	78	76
5	93	85	79	75	91	84	79	75	82	77	74	80	76	73	79	75	73	73	73	73	71
6	88	80	74	70	87	79	73	69	77	73	69	76	72	68	75	71	68	68	68	68	67
7	84	75	69	65	83	74	69	65	73	68	64	72	67	64	71	67	64	64	64	64	62
8	80	71	65	61	79	70	65	61	69	64	60	68	64	60	67	63	60	60	60	60	59
9	76	67	61	57	75	66	61	57	65	60	57	65	60	57	64	60	56	56	56	56	55
10	73	63	58	54	72	63	57	54	62	57	54	61	57	53	61	56	53	53	53	53	52

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	143083	143083	143083
5°	135607	136005	136213
10°	140323	139904	140621
15°	142032	141408	142852
20°	125067	124957	125599
25°	106415	103336	104211
30°	85890	82887	84279
35°	54369	54853	54243
40°	25405	26461	25809
45°	1559	9328	1827
50°	777	2170	777
55°	871	871	871
60°	792	792	792
65°	693	937	693
70°	856	856	856
75°	799	799	799
80°	595	595	595
85°	1186	1186	1186

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°
 Vertical Angle: 45°
 Luminance: 9328 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	75.7	10.2
10°-20°	218.1	29.4
20°-30°	251.4	33.9
30°-40°	161.4	21.8
40°-50°	28.1	3.8
50°-60°	2.7	0.4
60°-70°	2.0	0.3
70°-80°	1.3	0.2
80°-90°	0.4	0.1
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°	545.2	73.6
0°-40°	706.6	95.4
0°-60°	737.3	99.5
0°-90°	741.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	741.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	831	831	831	831	831	
5°	784	786	787	788	788	76
15°	797	794	793	798	801	218
25°	560	554	544	544	548	255
35°	259	257	261	256	258	161
45°	6	19	38	23	8	21
55°	3	3	3	3	3	3
65°	2	2	2	2	2	2
75°	1	1	1	1	1	1
85°	1	1	1	1	1	0
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	830.8	830.8	830.8	830.8	830.8
1°	827.3	826.7	826.1	826.7	827.3
2°	815.7	815.1	814.5	816.9	818.0
3°	802.9	803.5	804.1	805.3	805.8
4°	792.5	793.7	794.2	795.4	796.0
5°	784.4	786.1	786.7	788.4	787.9
6°	782.1	783.2	783.8	784.4	783.2
7°	783.2	783.8	784.4	785.5	784.4
8°	787.3	787.9	788.4	789.0	789.0
9°	795.4	794.2	793.7	796.0	795.4
10°	802.4	800.6	800.0	803.5	804.1
11°	808.2	805.8	805.3	809.3	810.5
12°	812.2	808.7	808.2	813.4	815.7
13°	812.2	807.6	807.6	813.4	816.9
14°	807.6	802.4	802.4	808.7	812.8
15°	796.6	793.7	793.1	798.3	801.2
17.5°	750.2	746.7	747.3	753.1	753.7
20°	682.4	680.6	681.8	682.9	685.3
22.5°	613.4	612.2	605.8	607.6	608.7
25°	560.0	553.7	543.8	544.4	548.4
27.5°	503.8	497.4	483.5	486.4	490.5
30°	431.9	426.7	416.8	418.6	423.8
32.5°	339.1	349.6	340.3	343.2	341.5
35°	258.6	256.8	260.9	255.7	258.0
37.5°	182.0	182.6	184.4	179.7	179.7
40°	113.0	115.9	117.7	115.4	114.8
42.5°	47.5	64.9	68.4	64.9	48.1
45°	6.4	19.1	38.3	22.6	7.5
47.5°	2.9	4.1	20.3	4.1	2.9
50°	2.9	2.9	8.1	2.9	2.9
52.5°	2.9	2.9	2.9	2.9	2.9
55°	2.9	2.9	2.9	2.9	2.9
57.5°	2.9	2.9	2.9	2.9	2.9
60°	2.3	2.3	2.3	2.3	2.3
62.5°	2.3	2.3	2.3	2.3	2.3
65°	1.7	2.3	2.3	2.3	1.7
67.5°	1.7	1.7	1.7	1.7	1.7
70°	1.7	1.7	1.7	1.7	1.7
72.5°	1.2	1.2	1.2	1.2	1.2
75°	1.2	1.2	1.2	1.2	1.2
77.5°	1.2	1.2	1.2	1.2	1.2
80°	0.6	0.6	0.6	0.6	0.6
82.5°	0.6	0.6	0.6	0.6	0.6
85°	0.6	0.6	0.6	0.6	0.6
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)