

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: P1326505

Luminaire Tested: LDSQA3D09R35W2N902750DE010 3LSQCDR1MW_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1326505
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-37)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D09R35W2N902750DE010 3LSQCDR1MW_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 5000K CCT AND, 90CRI ,
3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

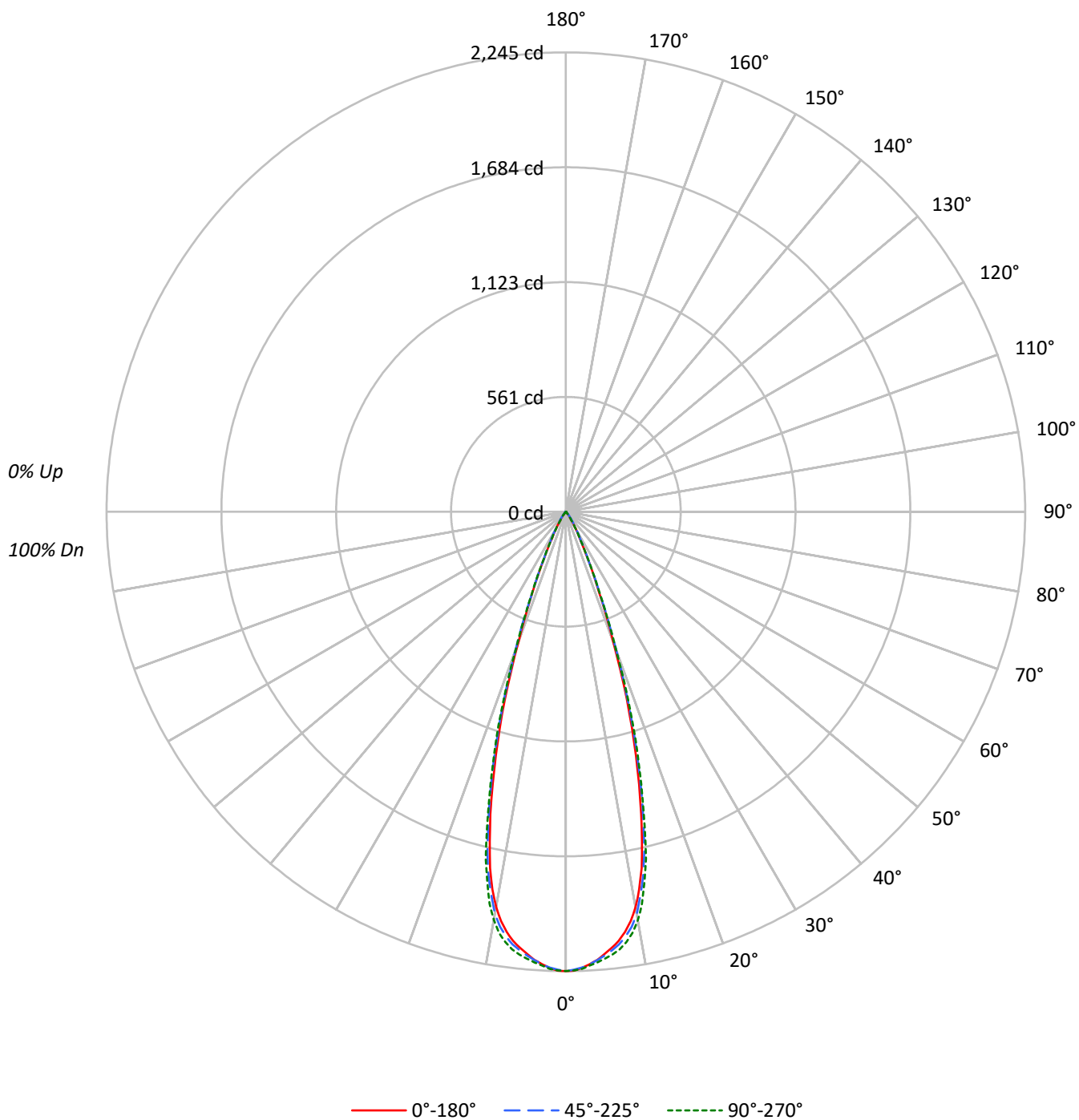
Lumens per Lamp: N/A
Luminaire Lumens: 754.1 lumens
Efficiency: N/A
Efficacy: 83.8 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 9
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	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		
1	115	113	111	109	112	110	109	107	106	105	104	103	102	101	99	99	98	96		
2	111	107	104	101	109	105	103	100	102	100	98	99	98	96	97	95	94	93		
3	107	102	98	95	105	101	97	95	98	96	93	96	94	92	94	92	90	89		
4	103	98	94	91	102	97	93	90	95	92	89	93	90	88	91	89	87	86		
5	100	94	90	86	99	93	89	86	91	88	85	90	87	85	89	86	84	83		
6	97	90	86	83	96	90	86	83	88	85	82	87	84	82	86	83	81	80		
7	94	87	83	80	93	87	82	79	85	82	79	84	81	79	83	81	78	77		
8	91	84	80	77	90	84	79	77	83	79	76	82	78	76	81	78	76	75		
9	88	81	77	74	88	81	77	74	80	76	74	79	76	74	79	76	73	72		
10	86	79	75	72	85	78	74	72	78	74	71	77	74	71	76	73	71	70		

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	386588	386588	386588
5°	375133	376465	379006
10°	343148	349129	354481
15°	246319	255341	257962
20°	123894	131134	131445
25°	46956	48419	48628
30°	19071	21875	18713
35°	6917	10512	6686
40°	2900	4496	2788
45°	706	1851	706
50°	482	777	482
55°	540	540	540
60°	620	620	620
65°	489	489	489
70°	302	302	302
75°	399	399	399
80°	595	595	595
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 1851 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	202.9	26.9
10°-20°	378.1	50.1
20°-30°	136.0	18.0
30°-40°	28.6	3.8
40°-50°	4.9	0.7
50°-60°	1.6	0.2
60°-70°	1.2	0.2
70°-80°	0.6	0.1
80°-90°	0.1	0.0
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°	717.0	95.1
0°-40°	745.6	98.9
0°-60°	752.1	99.7
0°-90°	754.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	754.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2245	2245	2245	2245	2245	
5°	2170	2174	2178	2192	2192	201
15°	1382	1406	1432	1447	1447	368
25°	247	251	255	257	256	131
35°	33	39	50	38	32	25
45°	3	5	8	5	3	3
55°	2	2	2	2	2	2
65°	1	1	1	1	1	1
75°	1	1	1	1	1	1
85°	0	0	0	0	0	0
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2244.7	2244.7	2244.7	2244.7	2244.7
1°	2243.5	2243.5	2238.8	2244.1	2242.3
2°	2231.1	2232.3	2229.4	2235.8	2235.3
3°	2214.1	2217.0	2214.7	2224.1	2221.1
4°	2195.8	2198.2	2197.0	2208.8	2207.6
5°	2169.9	2174.1	2177.6	2192.3	2192.3
6°	2143.5	2147.6	2155.2	2171.1	2176.4
7°	2112.9	2118.2	2130.5	2151.7	2155.2
8°	2074.0	2079.9	2097.0	2119.9	2124.6
9°	2025.8	2034.6	2054.0	2081.7	2084.6
10°	1962.2	1969.3	1996.4	2019.3	2027.0
11°	1879.9	1885.8	1909.9	1946.9	1951.7
12°	1779.8	1786.9	1818.1	1842.2	1846.9
13°	1653.3	1666.9	1704.5	1728.1	1741.0
14°	1523.3	1541.6	1568.6	1602.2	1593.9
15°	1381.5	1405.6	1432.1	1447.4	1446.8
17.5°	1033.8	1047.9	1071.4	1080.3	1092.0
20°	676.0	694.3	715.5	723.7	717.2
22.5°	419.5	424.2	430.7	434.2	433.0
25°	247.1	250.6	254.8	257.1	255.9
27.5°	148.9	157.1	163.0	155.9	151.8
30°	95.9	99.4	110.0	100.6	94.1
32.5°	57.1	65.3	74.1	63.0	54.7
35°	32.9	38.8	50.0	38.2	31.8
37.5°	21.2	24.1	32.4	23.5	20.6
40°	12.9	16.5	20.0	15.3	12.4
42.5°	6.5	10.0	11.8	8.8	6.5
45°	2.9	4.7	7.6	4.7	2.9
47.5°	1.8	2.4	4.7	2.4	1.8
50°	1.8	1.8	2.9	1.8	1.8
52.5°	1.8	1.8	1.8	1.8	1.8
55°	1.8	1.8	1.8	1.8	1.8
57.5°	1.8	1.8	1.8	1.8	1.8
60°	1.8	1.8	1.8	1.8	1.8
62.5°	1.2	1.2	1.2	1.2	1.2
65°	1.2	1.2	1.2	1.2	1.2
67.5°	1.2	1.2	1.2	1.2	1.2
70°	0.6	0.6	0.6	0.6	0.6
72.5°	0.6	0.6	0.6	0.6	0.6
75°	0.6	0.6	0.6	0.6	0.6
77.5°	0.6	0.6	0.6	0.6	0.6
80°	0.6	0.6	0.6	0.6	0.6
82.5°	0.6	0.0	0.0	0.0	0.0
85°	0.0	0.0	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)