

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: P1308645

Luminaire Tested: LDSQA3D24R609027D010 3LSQCDR1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1308645
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-29)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D24R609027D010 3LSQCDR1MB
Description: 3in Adjustable LED luminaire with, R60 optic, 2700K CCT AND, 90CRI , 3LSQCDR1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

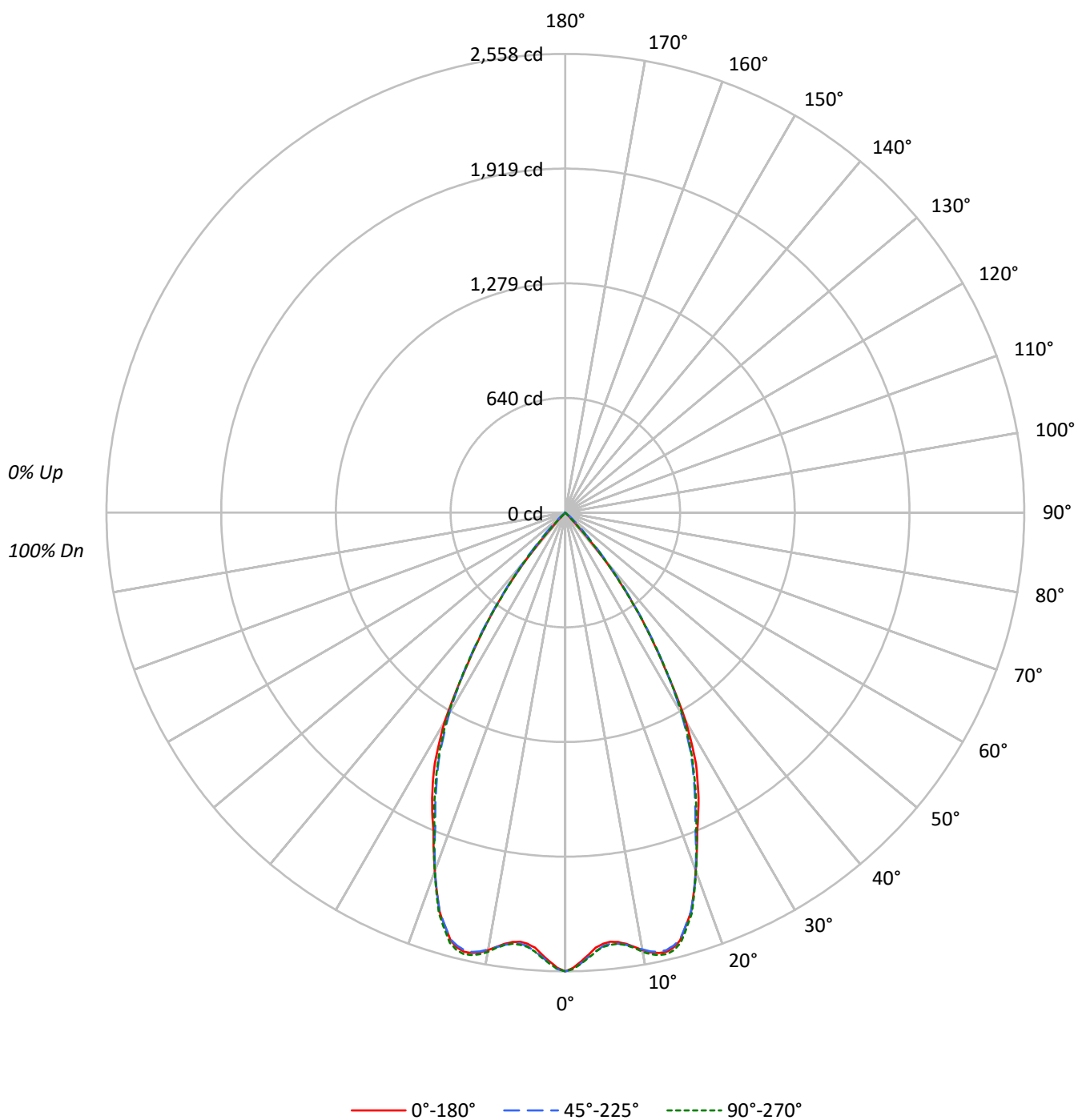
Lumens per Lamp: N/A
Luminaire Lumens: 2267.0 lumens
Efficiency: N/A
Efficacy: 78.7 lumens/watt
Spacing Criteria (0/90/45): 0.95 / 0.93 / 0.9
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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	114	111	109	107	111	109	107	105	105	103	102		101	100	99		98
2	108	104	100	97	106	102	98	95	99	96	93		96	93	91		93
3	103	97	92	88	101	96	91	88	93	89	86		91	88	85		88
4	98	91	86	81	96	90	85	81	88	83	80		86	82	79		84
5	93	85	80	76	92	84	79	75	83	78	75		81	77	74		79
6	89	80	74	70	87	79	74	70	78	73	70		77	72	69		75
7	85	76	70	66	83	75	69	65	74	69	65		72	68	65		71
8	81	71	66	62	79	71	65	61	70	65	61		69	64	61		68
9	77	67	62	58	76	67	61	58	66	61	57		65	61	57		64
10	73	64	58	54	72	63	58	54	63	58	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	440563	440563	440563
5°	417247	419443	420065
10°	433141	432512	435030
15°	440325	439665	442892
20°	389662	389662	390322
25°	333934	323957	326713
30°	267116	257412	261369
35°	165715	169142	165337
40°	72752	80081	74775
45°	877	25988	2192
50°	0	2894	0
55°	0	0	0
60°	0	0	0
65°	0	0	0
70°	0	0	0
75°	0	0	0
80°	0	0	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 25988 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	233.6	10.3
10°-20°	677.2	29.9
20°-30°	786.3	34.7
30°-40°	495.1	21.8
40°-50°	74.3	3.3
50°-60°	0.4	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
80°-90°	0.0	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°	1697.2	74.9
0°-40°	2192.3	96.7
0°-60°	2267.0	100.0
0°-90°	2267.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2267.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2558	2558	2558	2558	2558	
5°	2414	2422	2426	2432	2430	233
15°	2470	2460	2466	2482	2484	677
25°	1757	1737	1705	1712	1719	799
35°	788	790	804	788	786	492
45°	4	34	107	45	9	49
55°	0	0	0	0	0	0
65°	0	0	0	0	0	0
75°	0	0	0	0	0	0
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°	2558.1	2558.1	2558.1	2558.1	2558.1
1°	2538.3	2545.5	2545.5	2547.3	2545.5
2°	2503.9	2514.8	2514.8	2520.2	2516.6
3°	2469.6	2478.6	2480.4	2487.6	2485.8
4°	2431.6	2446.1	2451.5	2455.1	2453.3
5°	2413.5	2422.5	2426.2	2431.6	2429.8
6°	2406.3	2413.5	2417.1	2422.5	2422.5
7°	2411.7	2417.1	2422.5	2426.2	2422.5
8°	2428.0	2433.4	2433.4	2440.6	2435.2
9°	2451.5	2453.3	2453.3	2462.3	2456.9
10°	2476.8	2473.2	2473.2	2485.8	2487.6
11°	2498.5	2494.9	2493.1	2505.7	2509.3
12°	2511.1	2503.9	2503.9	2520.2	2522.0
13°	2512.9	2503.9	2503.9	2520.2	2525.6
14°	2498.5	2487.6	2489.4	2507.5	2512.9
15°	2469.6	2460.5	2465.9	2482.2	2484.0
17.5°	2332.2	2326.7	2330.3	2341.2	2343.0
20°	2126.1	2122.4	2126.1	2126.1	2129.7
22.5°	1921.8	1912.7	1894.7	1905.5	1907.3
25°	1757.3	1737.4	1704.8	1712.1	1719.3
27.5°	1576.5	1551.2	1516.8	1525.8	1527.7
30°	1343.2	1330.6	1294.4	1303.5	1314.3
32.5°	1037.7	1072.1	1050.4	1048.6	1050.4
35°	788.2	790.0	804.5	788.2	786.4
37.5°	551.4	553.2	564.1	546.0	547.8
40°	323.6	347.1	356.2	348.9	332.6
42.5°	101.2	179.0	202.5	175.4	112.1
45°	3.6	34.3	106.7	45.2	9.0
47.5°	0.0	1.8	50.6	3.6	0.0
50°	0.0	0.0	10.8	0.0	0.0
52.5°	0.0	0.0	1.8	0.0	0.0
55°	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	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)