

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: P1323535

Luminaire Tested: LDSQA3D02R609030D2WDE010 3LSQCDR1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323535
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: LDSQA3D02R609030D2WDE010 3LSQCDR1MMS
Description: 3in Adjustable Dim to Warm LED luminaire with, R60 optic, 3000K CCT AND, 90CRI ,
3LSQCDR1MMS TRIM
Light Source: -
Ballast/Driver: -

Summary

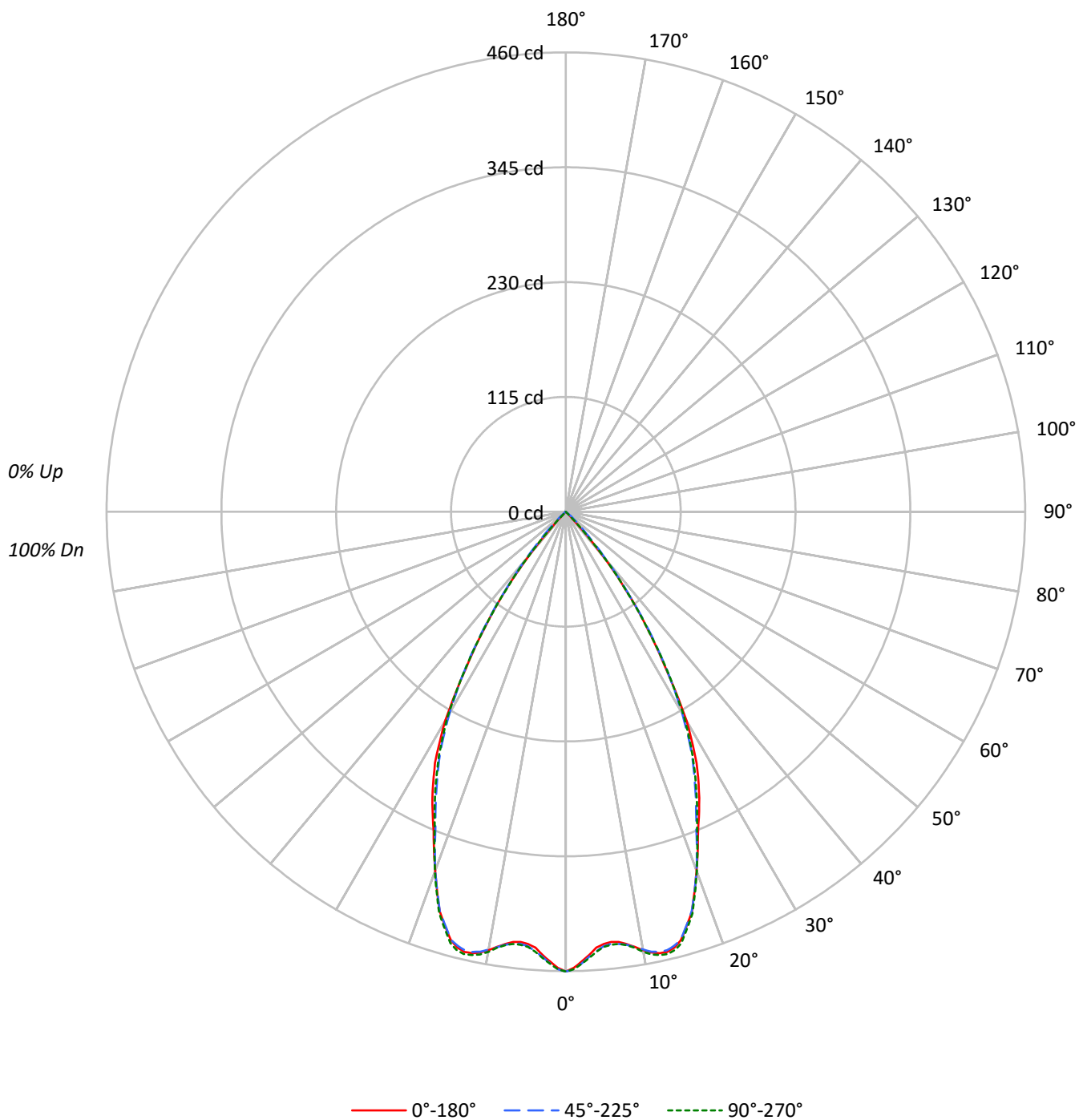
Lumens per Lamp: N/A
Luminaire Lumens: 408.0 lumens
Efficiency: N/A
Efficacy: 56.7 lumens/watt
Spacing Criteria (0/90/45): 0.95 / 0.93 / 0.9
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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°	79291	79291	79291
5°	75099	75480	75601
10°	77961	77839	78294
15°	79253	79129	79717
20°	70121	70121	70250
25°	60105	58300	58794
30°	48066	46336	47032
35°	29834	30443	29750
40°	13085	14411	13467
45°	170	4676	390
50°	0	536	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: 4676 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.0	10.3
10°-20°	121.9	29.9
20°-30°	141.5	34.7
30°-40°	89.1	21.8
40°-50°	13.4	3.3
50°-60°	0.1	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°	305.4	74.9
0°-40°	394.6	96.7
0°-60°	408.0	100.0
0°-90°	408.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	408.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	460	460	460	460	460	
5°	434	436	437	438	437	42
15°	444	443	444	447	447	122
25°	316	313	307	308	309	144
35°	142	142	145	142	142	89
45°	1	6	19	8	2	9
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°	460.4	460.4	460.4	460.4	460.4
1°	456.8	458.1	458.1	458.4	458.1
2°	450.6	452.6	452.6	453.6	452.9
3°	444.5	446.1	446.4	447.7	447.4
4°	437.6	440.2	441.2	441.9	441.5
5°	434.4	436.0	436.6	437.6	437.3
6°	433.1	434.4	435.0	436.0	436.0
7°	434.0	435.0	436.0	436.6	436.0
8°	437.0	437.9	437.9	439.2	438.3
9°	441.2	441.5	441.5	443.2	442.2
10°	445.8	445.1	445.1	447.4	447.7
11°	449.7	449.0	448.7	451.0	451.6
12°	451.9	450.6	450.6	453.6	453.9
13°	452.3	450.6	450.6	453.6	454.5
14°	449.7	447.7	448.0	451.3	452.3
15°	444.5	442.8	443.8	446.7	447.1
17.5°	419.7	418.8	419.4	421.4	421.7
20°	382.6	382.0	382.6	382.6	383.3
22.5°	345.9	344.2	341.0	342.9	343.3
25°	316.3	312.7	306.8	308.1	309.4
27.5°	283.7	279.2	273.0	274.6	274.9
30°	241.7	239.5	233.0	234.6	236.5
32.5°	186.8	192.9	189.0	188.7	189.0
35°	141.9	142.2	144.8	141.9	141.5
37.5°	99.2	99.6	101.5	98.3	98.6
40°	58.2	62.5	64.1	62.8	59.9
42.5°	18.2	32.2	36.4	31.6	20.2
45°	0.7	6.2	19.2	8.1	1.6
47.5°	0.0	0.3	9.1	0.7	0.0
50°	0.0	0.0	2.0	0.0	0.0
52.5°	0.0	0.0	0.3	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)