

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: P1323697

Luminaire Tested: LDSQA3D05R709030D2WDE010 3LSQCLDWWR1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323697
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: LDSQA3D05R709030D2WDE010 3LSQCLDWWR1MMS
Description: 3in Adjustable Dim to Warm LED luminaire with, R70 optic, 3000K CCT AND, 90CRI ,
3LSQCLDWWR1MMS TRIM
Light Source: -
Ballast/Driver: -

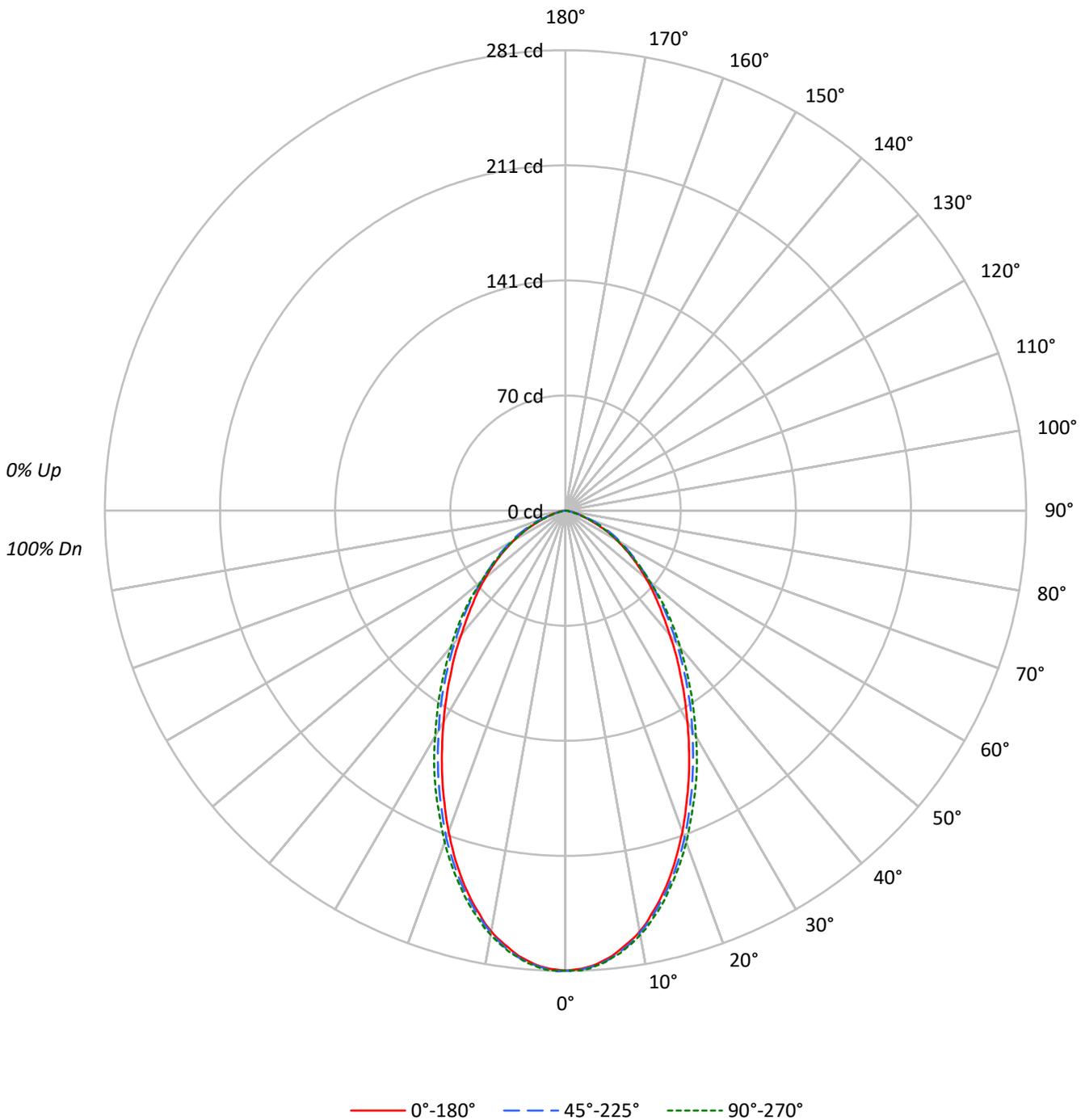
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 402.0 lumens
Efficiency: N/A
Efficacy: 36.2 lumens/watt
Spacing Criteria (0/90/45): 0.89 / 0.93 / 1
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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	0
RW	70	50	30	10	70	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	100
1	111	108	104	101	109	106	103	100	101	99	97	98	96	94	94	93	91	89
2	103	97	92	87	101	95	90	86	92	88	84	89	85	82	86	83	80	79
3	96	87	81	76	94	86	80	75	83	78	74	81	76	72	78	74	71	69
4	89	79	72	66	87	78	71	66	76	70	65	74	69	64	72	67	64	62
5	83	72	65	59	81	71	64	59	69	63	58	67	62	58	66	61	57	55
6	78	66	59	53	76	65	58	53	64	57	53	62	56	52	61	56	52	50
7	73	61	53	48	71	60	53	48	59	52	48	58	52	47	56	51	47	45
8	68	57	49	44	67	56	49	44	55	48	44	53	48	43	52	47	43	41
9	64	53	45	40	63	52	45	40	51	45	40	50	44	40	49	44	40	38
10	61	49	42	37	60	49	42	37	48	41	37	47	41	37	46	41	37	35

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	48360	48360	48360
5°	47594	47767	47853
10°	45626	45713	45976
15°	42328	42685	43041
20°	38213	38946	39496
25°	33844	34775	35630
30°	29551	30745	31640
35°	25692	27059	27900
40°	22212	23651	24438
45°	19436	20776	21385
50°	17094	17898	17898
55°	14833	15584	15133
60°	12538	13399	12710
65°	9740	11166	10147
70°	7050	8308	7050
75°	5323	4991	3993
80°	3471	2479	992
85°	988	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 45°
 Luminance: 21385 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.9	6.4
10°-20°	66.8	16.6
20°-30°	83.9	20.9
30°-40°	80.1	19.9
40°-50°	65.1	16.2
50°-60°	45.6	11.3
60°-70°	25.7	6.4
70°-80°	8.2	2.0
80°-90°	0.6	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°	176.6	43.9
0°-40°	256.7	63.9
0°-60°	367.5	91.4
0°-90°	402.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	402.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	281	281	281	281	281	
5°	275	276	276	276	277	26
15°	237	238	239	240	241	66
25°	178	180	183	186	188	82
35°	122	124	129	131	133	77
45°	80	82	85	87	88	62
55°	49	50	52	51	50	44
65°	24	25	27	26	25	24
75°	8	8	8	6	6	9
85°	0	0	0	0	0	1
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	280.8	280.8	280.8	280.8	280.8
1°	280.3	280.8	281.3	280.3	280.8
2°	279.8	280.3	280.3	279.8	280.8
3°	278.8	279.3	279.3	278.8	279.8
4°	277.3	277.8	277.8	277.3	278.3
5°	275.3	275.8	276.3	275.8	276.8
6°	273.3	273.8	274.3	273.8	274.3
7°	270.3	271.3	271.3	271.3	272.3
8°	267.3	268.3	268.8	268.3	269.3
9°	264.3	264.8	265.3	265.3	266.3
10°	260.9	261.4	261.4	261.9	262.9
11°	256.9	256.9	257.9	257.9	259.4
12°	251.9	252.4	253.4	253.9	254.9
13°	247.4	247.9	248.9	249.4	250.9
14°	242.4	243.4	244.4	244.9	246.4
15°	237.4	237.9	239.4	239.9	241.4
17.5°	223.4	223.9	226.4	227.4	228.9
20°	208.5	210.0	212.5	214.0	215.5
22.5°	193.0	194.5	197.5	200.0	201.0
25°	178.1	180.1	183.0	186.0	187.5
27.5°	163.1	165.1	168.6	171.6	173.6
30°	148.6	150.6	154.6	157.1	159.1
32.5°	135.2	137.2	141.7	144.1	145.6
35°	122.2	124.2	128.7	131.2	132.7
37.5°	110.7	112.7	116.7	119.2	120.2
40°	98.8	101.3	105.2	107.7	108.7
42.5°	88.8	90.8	94.8	96.8	98.3
45°	79.8	81.8	85.3	86.8	87.8
47.5°	71.8	72.8	75.8	76.3	77.3
50°	63.8	64.8	66.8	67.3	66.8
52.5°	56.4	57.4	58.9	58.4	58.4
55°	49.4	49.9	51.9	50.9	50.4
57.5°	42.4	43.4	45.4	43.9	43.4
60°	36.4	37.4	38.9	37.9	36.9
62.5°	30.4	30.9	33.4	31.4	30.4
65°	23.9	25.4	27.4	25.9	24.9
67.5°	18.0	20.4	22.4	20.4	19.5
70°	14.0	15.0	16.5	15.5	14.0
72.5°	10.5	11.0	11.5	10.5	9.5
75°	8.0	8.0	7.5	6.5	6.0
77.5°	5.5	5.5	4.5	3.0	3.0
80°	3.5	3.5	2.5	1.0	1.0
82.5°	1.5	1.5	1.0	0.5	0.5
85°	0.5	0.5	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)