

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: P1325727

Luminaire Tested: LDSQA3D05R70W2N902765DE010 3LSQCLDWWR1MW_6500K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1325727
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-45)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D05R70W2N902765DE010 3LSQCLDWWR1MW_6500K
Description: 3in Adjustable Tunable White LED luminaire with, R70 optic, 6500K CCT AND, 90CRI ,
3LSQCLDWWR1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

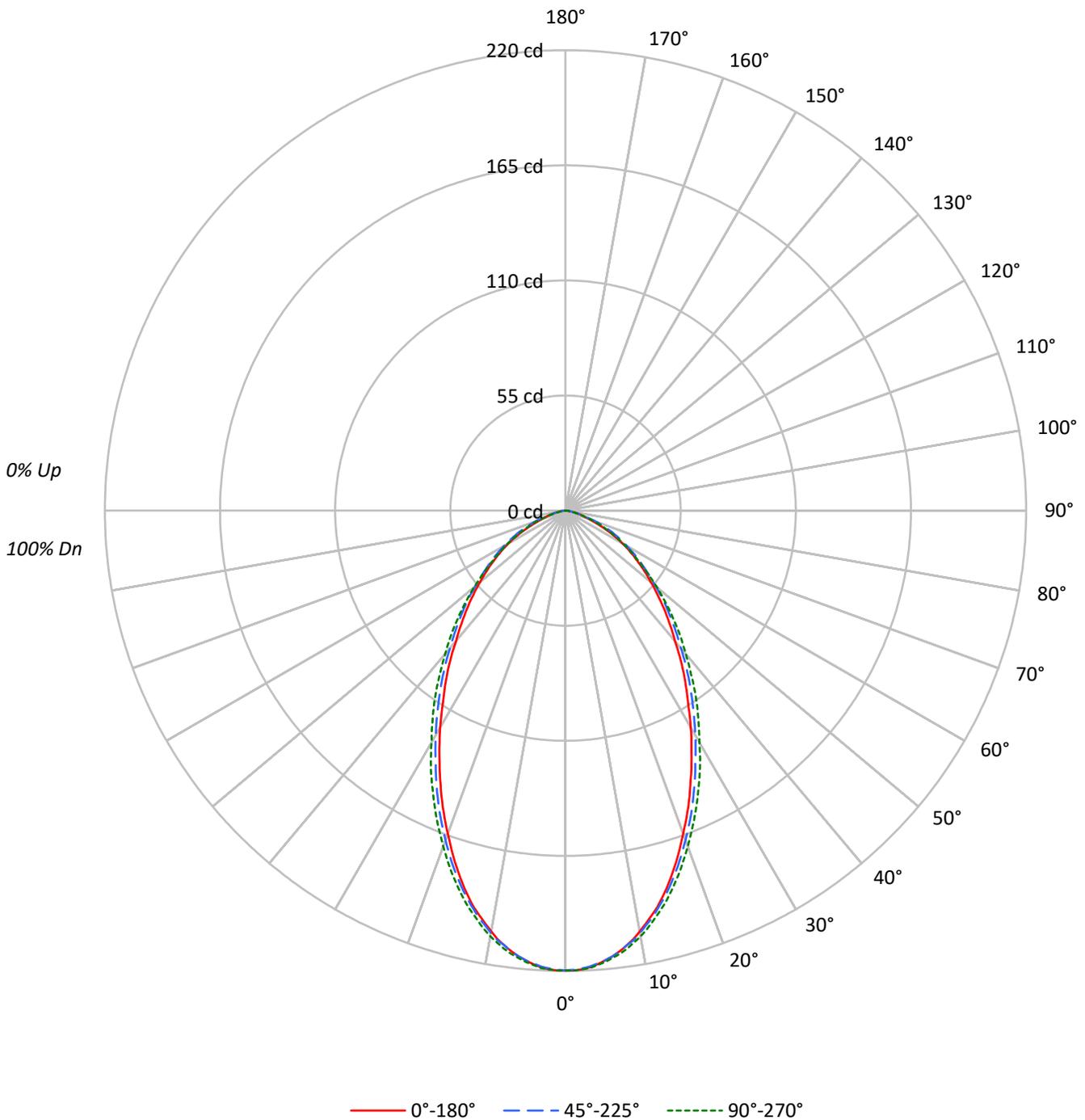
Lumens per Lamp: N/A
Luminaire Lumens: 330.0 lumens
Efficiency: N/A
Efficacy: 55.9 lumens/watt
Spacing Criteria (0/90/45): 0.9 / 0.94 / 1.01
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 5.9
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	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	107	104	101	109	105	102	99	101	98	96	97	95	93	94	92	91	89
2	103	96	91	86	101	95	89	85	91	87	83	88	84	81	85	82	80	78
3	95	87	80	75	93	85	79	74	82	77	73	80	75	71	77	74	70	68
4	89	78	71	65	87	77	70	65	75	69	64	73	67	63	71	66	62	61
5	83	71	64	58	81	70	63	58	68	62	57	67	61	57	65	60	56	54
6	77	65	58	52	75	64	57	52	63	56	51	61	55	51	60	55	51	49
7	72	60	52	47	70	59	52	47	58	51	47	57	51	46	55	50	46	44
8	68	56	48	43	66	55	48	43	54	47	42	53	47	42	51	46	42	40
9	64	52	44	39	62	51	44	39	50	44	39	49	43	39	48	43	39	37
10	60	48	41	36	59	48	41	36	47	40	36	46	40	36	45	40	36	34

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	37855	37855	37855
5°	37308	37308	37446
10°	35710	35850	36130
15°	33288	33574	34001
20°	30112	30699	31285
25°	26908	27668	28428
30°	23804	24659	25455
35°	20961	21887	22812
40°	18300	19290	20076
45°	16221	17098	17682
50°	14308	15058	15272
55°	12581	13302	12941
60°	10850	11677	11126
65°	8599	10066	9088
70°	6244	7855	6848
75°	4791	5057	4259
80°	3174	3174	2380
85°	1581	1581	1581

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 45°
 Luminance: 17682 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.3	6.1
10°-20°	52.6	15.9
20°-30°	66.8	20.3
30°-40°	65.0	19.7
40°-50°	54.1	16.4
50°-60°	39.0	11.8
60°-70°	22.9	6.9
70°-80°	8.1	2.5
80°-90°	1.2	0.4
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°	139.7	42.3
0°-40°	204.7	62.0
0°-60°	297.7	90.2
0°-90°	330.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	330.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	220	220	220	220	220	
5°	216	215	216	216	217	20
15°	187	187	188	190	191	52
25°	142	143	146	148	150	65
35°	100	101	104	107	108	62
45°	67	68	70	72	73	52
55°	42	43	44	44	43	38
65°	21	23	25	24	22	21
75°	7	8	8	7	6	8
85°	1	1	1	1	1	1
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	219.8	219.8	219.8	219.8	219.8
1°	219.8	219.4	219.4	219.4	219.8
2°	219.4	219.0	219.0	219.0	219.4
3°	218.6	218.2	218.2	218.2	219.0
4°	217.4	216.6	217.0	217.0	217.8
5°	215.8	215.4	215.8	215.8	216.6
6°	214.2	213.8	214.2	214.2	215.0
7°	212.2	211.8	212.2	212.6	213.4
8°	209.8	209.4	209.8	210.2	211.4
9°	207.4	207.0	207.8	208.2	209.0
10°	204.2	204.2	205.0	205.4	206.6
11°	201.0	201.0	201.8	202.6	203.8
12°	197.8	197.8	199.0	199.8	200.6
13°	194.6	194.2	195.4	196.2	197.4
14°	190.7	190.3	191.9	193.1	194.2
15°	186.7	186.7	188.3	189.5	190.7
17.5°	175.9	176.3	178.3	179.9	181.1
20°	164.3	165.5	167.5	169.5	170.7
22.5°	153.2	154.0	156.8	159.1	160.3
25°	141.6	143.2	145.6	148.4	149.6
27.5°	130.4	132.0	134.4	137.2	139.2
30°	119.7	120.9	124.0	126.8	128.0
32.5°	108.9	110.5	113.7	116.5	118.1
35°	99.7	100.9	104.1	106.9	108.5
37.5°	90.5	91.7	94.9	97.3	98.5
40°	81.4	83.4	85.8	88.1	89.3
42.5°	73.8	75.4	77.8	79.8	81.0
45°	66.6	67.8	70.2	71.8	72.6
47.5°	59.8	61.0	63.4	64.2	64.6
50°	53.4	54.6	56.2	56.6	57.0
52.5°	47.5	48.3	49.9	49.9	49.5
55°	41.9	43.1	44.3	43.9	43.1
57.5°	36.7	37.1	39.1	38.3	37.5
60°	31.5	32.3	33.9	33.1	32.3
62.5°	26.3	27.1	29.1	28.3	27.1
65°	21.1	22.7	24.7	23.5	22.3
67.5°	16.0	17.9	19.9	18.7	17.9
70°	12.4	14.0	15.6	14.4	13.6
72.5°	9.6	10.4	11.2	10.4	9.6
75°	7.2	7.6	7.6	6.8	6.4
77.5°	5.2	5.6	4.8	4.0	4.0
80°	3.2	3.6	3.2	2.4	2.4
82.5°	1.6	2.0	1.6	1.6	1.6
85°	0.8	0.8	0.8	0.8	0.8
87.5°	0.4	0.4	0.4	0.4	0.4



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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)