

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: P1324216

Luminaire Tested: LDSQA3D05R15W2N902750DE010 3LSQPHRLP1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1324216
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D05R15W2N902750DE010 3LSQPHRLP1MW_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 3000K CCT AND, 90CRI ,
3LSQPHRLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

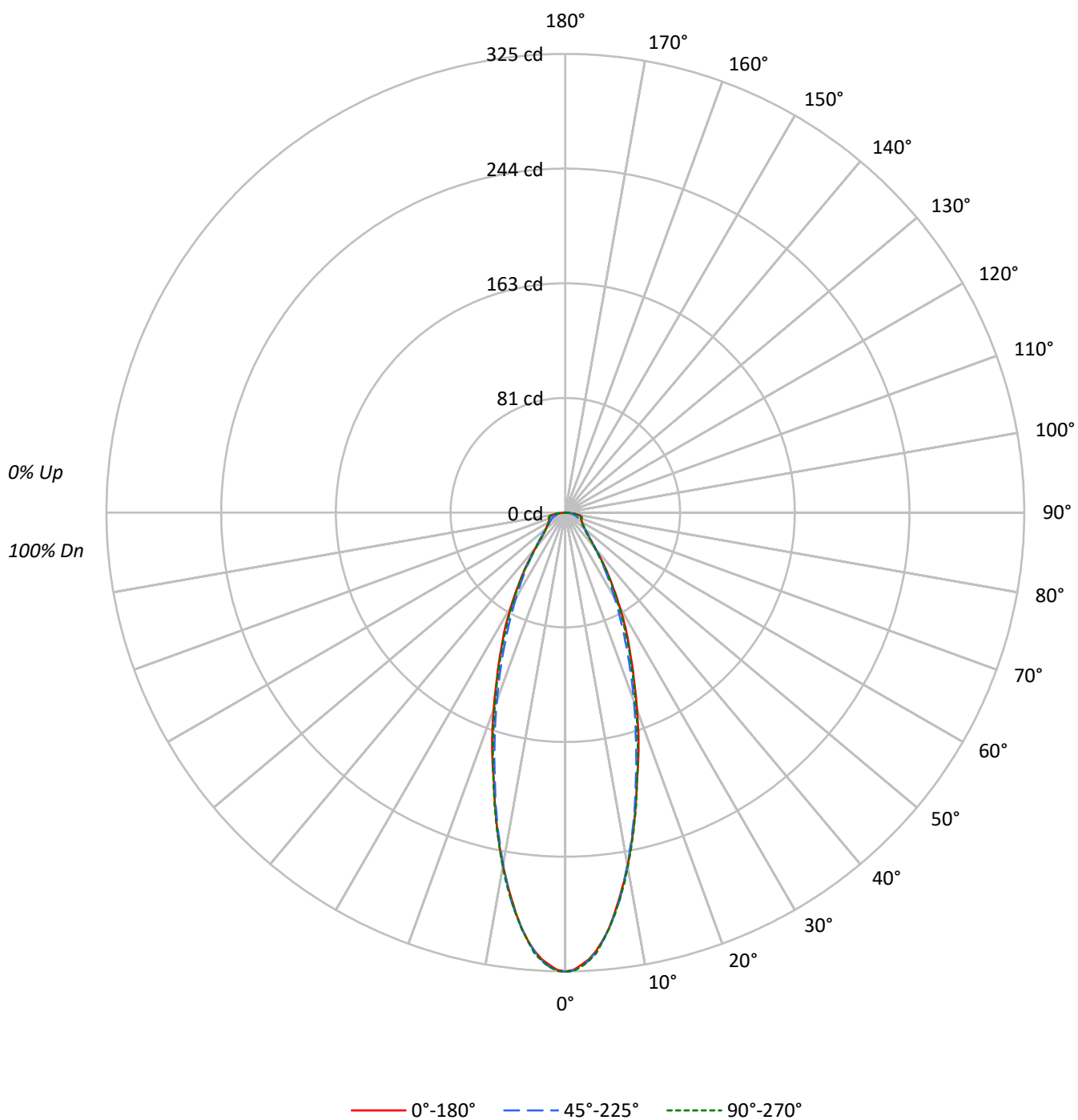
Lumens per Lamp: N/A
Luminaire Lumens: 218.0 lumens
Efficiency: N/A
Efficacy: 37.0 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.63
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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
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	102	102	100
1	111	108	104	101	109	105	102	100	101	99	96	97	95	94	94	92	91	91	91	89
2	104	98	93	88	102	96	91	87	93	89	85	90	86	83	87	84	82	82	82	80
3	98	90	84	79	96	88	83	78	86	81	77	83	79	76	81	77	74	74	74	73
4	92	83	76	71	90	82	76	71	80	74	70	77	73	69	75	71	68	68	68	66
5	87	77	70	65	85	76	70	65	74	69	64	72	68	64	71	67	63	63	63	61
6	82	72	65	60	81	71	65	60	70	64	60	68	63	59	67	62	59	59	59	57
7	78	68	61	56	77	67	60	56	66	60	56	64	59	55	63	58	55	55	55	53
8	74	64	57	52	73	63	57	52	62	56	52	61	56	52	60	55	52	52	52	50
9	71	60	54	49	70	60	53	49	59	53	49	58	53	49	57	52	49	49	49	47
10	68	57	51	47	67	57	51	47	56	50	46	55	50	46	54	49	46	46	46	45

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	56007	56007	56007
5°	52590	52659	52659
10°	44437	44297	44577
15°	34946	34447	35018
20°	27161	25933	26795
25°	20504	19079	20200
30°	15253	13901	14935
35°	10891	10134	10722
40°	7374	7464	7284
45°	5480	5772	5480
50°	4769	4769	4769
55°	4624	4384	4624
60°	4753	4340	4616
65°	5135	4523	5135
70°	6143	4582	6143
75°	7918	4724	7918
80°	9819	5058	9422
85°	7904	4742	8497

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 80°

Luminance: 9819 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.4	12.6
10°-20°	54.2	24.9
20°-30°	47.9	22.0
30°-40°	31.5	14.4
40°-50°	18.4	8.4
50°-60°	13.5	6.2
60°-70°	11.5	5.3
70°-80°	9.5	4.4
80°-90°	3.9	1.8
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°	129.6	59.4
0°-40°	161.1	73.9
0°-60°	193.0	88.5
0°-90°	218.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	218.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	325	325	325	325	325	
5°	304	304	305	305	305	27
15°	196	196	193	196	196	55
25°	108	104	100	103	106	50
35°	52	50	48	49	51	33
45°	22	23	24	23	22	18
55°	15	15	15	15	15	14
65°	13	12	11	12	13	13
75°	12	9	7	9	12	12
85°	4	4	2	4	4	4
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	325.2	325.2	325.2	325.2	325.2
1°	324.0	324.4	324.4	324.8	324.8
2°	320.8	321.6	322.0	322.0	322.0
3°	316.9	317.3	317.7	318.1	318.1
4°	311.4	311.8	311.8	312.5	312.9
5°	304.2	304.2	304.6	305.0	304.6
6°	296.0	296.0	296.3	296.3	296.3
7°	286.1	286.5	286.9	287.3	286.9
8°	275.4	275.8	277.0	277.0	276.6
9°	264.7	265.1	265.1	266.3	266.3
10°	254.1	254.1	253.3	254.1	254.9
12.5°	225.2	224.8	223.6	224.8	225.6
15°	196.0	196.0	193.2	195.6	196.4
17.5°	172.3	168.7	166.0	168.3	170.3
20°	148.2	144.6	141.5	143.8	146.2
22.5°	126.4	123.7	119.7	122.1	124.9
25°	107.9	104.3	100.4	103.1	106.3
27.5°	92.5	87.7	83.8	86.9	89.7
30°	76.7	73.5	69.9	72.3	75.1
32.5°	63.2	60.8	58.1	60.1	62.4
35°	51.8	49.8	48.2	49.4	51.0
37.5°	41.5	40.7	39.9	40.3	40.3
40°	32.8	33.2	33.2	33.2	32.4
42.5°	26.9	27.3	28.1	27.3	26.9
45°	22.5	22.9	23.7	22.9	22.5
47.5°	19.8	20.2	20.5	19.8	19.8
50°	17.8	17.8	17.8	17.8	17.8
52.5°	16.6	16.2	16.2	16.2	16.6
55°	15.4	15.0	14.6	15.0	15.4
57.5°	14.2	13.8	13.4	13.8	14.2
60°	13.8	13.0	12.6	13.0	13.4
62.5°	13.0	12.2	11.9	12.2	13.0
65°	12.6	11.5	11.1	11.5	12.6
67.5°	12.2	10.7	9.9	10.7	12.2
70°	12.2	9.9	9.1	10.3	12.2
72.5°	11.9	9.5	7.9	9.5	11.9
75°	11.9	8.7	7.1	9.1	11.9
77.5°	11.1	7.9	5.9	8.3	11.1
80°	9.9	7.1	5.1	7.5	9.5
82.5°	7.1	5.9	4.0	5.9	7.1
85°	4.0	4.3	2.4	4.0	4.3
87.5°	0.4	1.2	0.8	2.4	2.0
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)