

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: P1318089

Luminaire Tested: LDSQA3D05R359830DE010 3LSQPHRLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1318089
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D05R359830DE010 3LSQPHRLP1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 98CRI , 3LSQPHRLP1MW TRIM
Light Source: -
Ballast/Driver: -

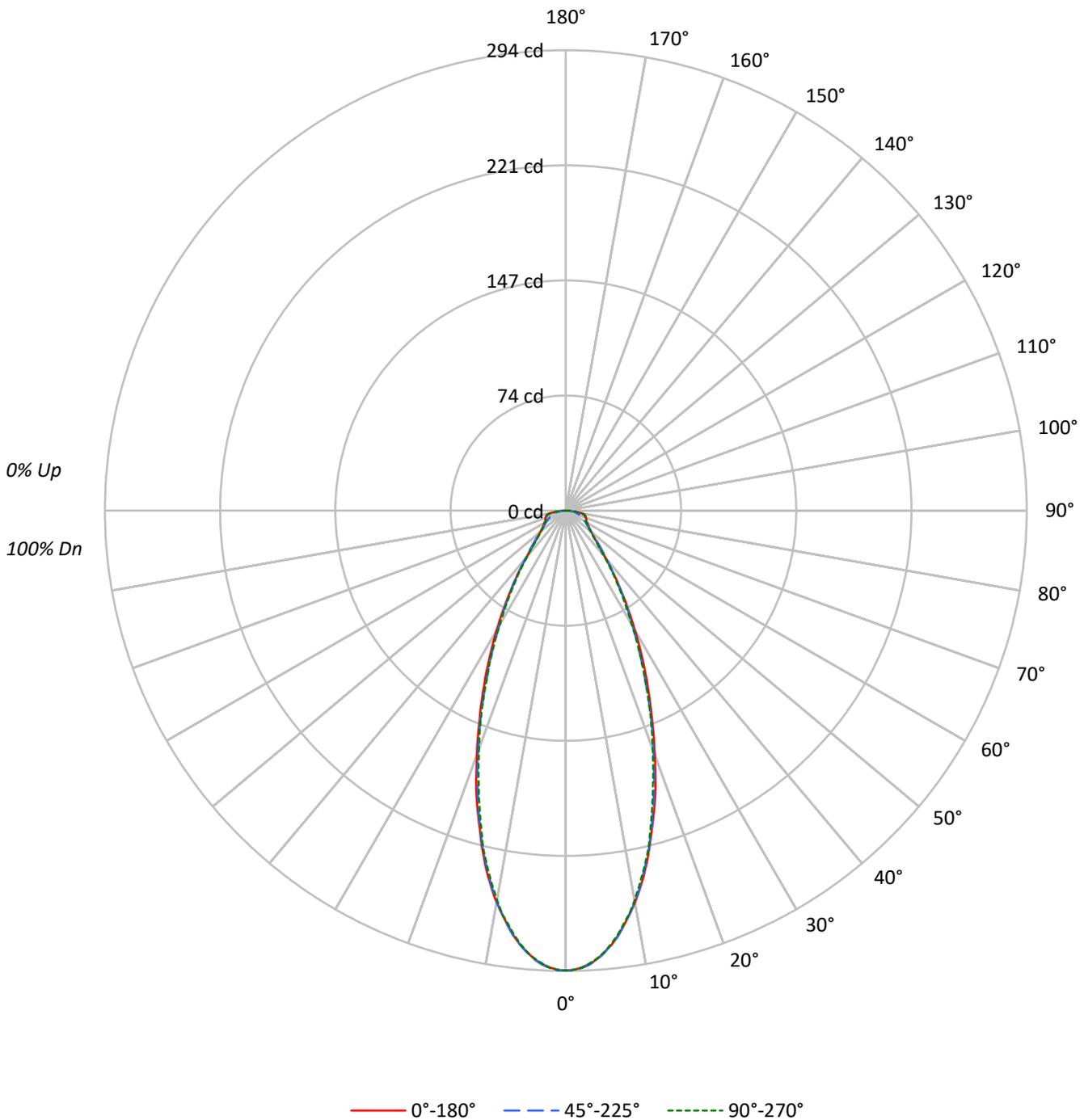
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 243.0 lumens
Efficiency: N/A
Efficacy: 33.7 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.68 / 0.73
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

TEST NUMBER: P1318089
CATALOG NUMBER: LDSQA3D05R359830DE010 3LSQPHRLP1MW

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	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	107	104	101	109	105	102	99	101	99	96	97	95	93	94	92	91	91	91	89
2	104	98	92	88	101	96	91	87	92	88	85	89	86	83	86	84	81	81	81	79
3	97	89	83	78	95	88	82	77	85	80	76	82	78	75	80	77	74	74	74	72
4	92	82	75	70	90	81	75	70	79	73	69	77	72	68	75	71	67	67	67	65
5	86	76	69	64	84	75	69	64	73	68	63	72	67	63	70	66	62	62	62	60
6	82	71	64	59	80	70	64	59	69	63	58	67	62	58	66	61	57	57	57	56
7	77	66	60	55	76	66	59	55	64	58	54	63	58	54	62	57	54	54	54	52
8	73	62	56	51	72	62	55	51	61	55	51	60	54	50	59	54	50	50	50	49
9	70	59	52	48	68	58	52	48	57	52	47	56	51	47	55	51	47	47	47	46
10	66	56	49	45	65	55	49	45	54	49	45	53	48	45	53	48	44	44	44	43

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	50582	50582	50582
5°	48925	48977	48925
10°	44437	44384	44175
15°	37728	37585	37264
20°	30369	29966	29691
25°	23468	22765	22765
30°	17500	16923	16764
35°	12594	12447	12131
40°	8813	9060	8476
45°	6576	6941	6406
50°	5653	5653	5546
55°	5345	5104	5225
60°	5477	4960	5236
65°	5868	4972	5746
70°	6899	5237	6697
75°	8584	5390	8384
80°	11009	5852	9918
85°	8695	5928	8695

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 80°
 Luminance: 11009 cd/sqm



TEST NUMBER: P1318089

CATALOG NUMBER: LDSQA3D05R359830DE010 3LSQPHRLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.1	10.7
10°-20°	58.2	24.0
20°-30°	55.6	22.9
30°-40°	37.3	15.4
40°-50°	21.9	9.0
50°-60°	15.7	6.5
60°-70°	13.1	5.4
70°-80°	10.7	4.4
80°-90°	4.4	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°	139.9	57.6
0°-40°	177.2	72.9
0°-60°	214.8	88.4
0°-90°	243.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	243.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	294	294	294	294	294	
5°	283	284	283	283	283	26
15°	212	212	211	209	209	59
25°	124	122	120	120	120	57
35°	60	60	59	58	58	38
45°	27	28	28	27	26	22
55°	18	17	17	17	17	16
65°	14	13	12	13	14	14
75°	13	10	8	10	13	13
85°	4	5	3	5	4	5
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	293.7	293.7	293.7	293.7	293.7
1°	293.3	293.7	293.7	293.3	293.3
2°	291.9	292.6	292.2	291.9	292.2
3°	290.0	290.7	290.4	290.0	289.6
4°	287.0	287.8	287.4	286.7	286.7
5°	283.0	283.7	283.3	283.0	283.0
6°	278.9	279.6	278.9	278.2	278.2
7°	273.4	274.5	273.7	273.0	272.6
8°	267.1	268.2	267.4	267.1	266.3
9°	260.8	261.5	260.4	260.4	260.4
10°	254.1	254.5	253.8	252.6	252.6
11°	246.7	246.4	246.0	245.2	244.5
12°	238.6	238.6	237.5	236.7	236.4
13°	230.1	229.7	229.0	228.2	228.2
14°	221.2	221.2	220.5	219.0	219.4
15°	211.6	212.0	210.8	209.4	209.0
17.5°	189.8	189.0	187.2	186.1	185.0
20°	165.7	165.3	163.5	162.4	162.0
22.5°	143.5	143.2	141.3	140.2	140.9
25°	123.5	122.1	119.8	119.8	119.8
27.5°	105.1	103.2	101.7	101.0	101.7
30°	88.0	86.6	85.1	84.7	84.3
32.5°	72.9	72.1	71.4	70.3	70.3
35°	59.9	59.9	59.2	58.1	57.7
37.5°	48.8	49.2	48.8	47.7	47.3
40°	39.2	39.9	40.3	39.2	37.7
42.5°	32.2	33.3	34.0	32.2	31.1
45°	27.0	27.7	28.5	27.0	26.3
47.5°	23.7	24.0	24.4	23.3	22.9
50°	21.1	21.1	21.1	20.7	20.7
52.5°	19.2	19.2	18.9	18.5	18.5
55°	17.8	17.4	17.0	17.0	17.4
57.5°	16.6	16.3	15.5	15.9	16.3
60°	15.9	15.2	14.4	14.8	15.2
62.5°	14.8	14.1	13.3	13.7	14.4
65°	14.4	12.9	12.2	12.9	14.1
67.5°	14.1	12.2	11.1	12.2	13.7
70°	13.7	11.5	10.4	11.5	13.3
72.5°	13.3	10.7	9.2	10.7	12.9
75°	12.9	10.0	8.1	10.0	12.6
77.5°	12.2	9.2	7.0	9.2	11.5
80°	11.1	8.5	5.9	8.1	10.0
82.5°	8.1	7.0	4.8	7.0	7.4
85°	4.4	4.8	3.0	4.8	4.4
87.5°	0.4	0.7	0.7	2.2	1.5



TEST NUMBER: P1318089
CATALOG NUMBER: LDSQA3D05R359830DE010 3LSQPHRLP1MW

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)