

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: P1308946

Luminaire Tested: LDSQA3D05R359030DE010 3LSQPHRLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1308946
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: LDSQA3D05R359030DE010 3LSQPHRLP1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , 3LSQPHRLP1MW TRIM
Light Source: -
Ballast/Driver: -

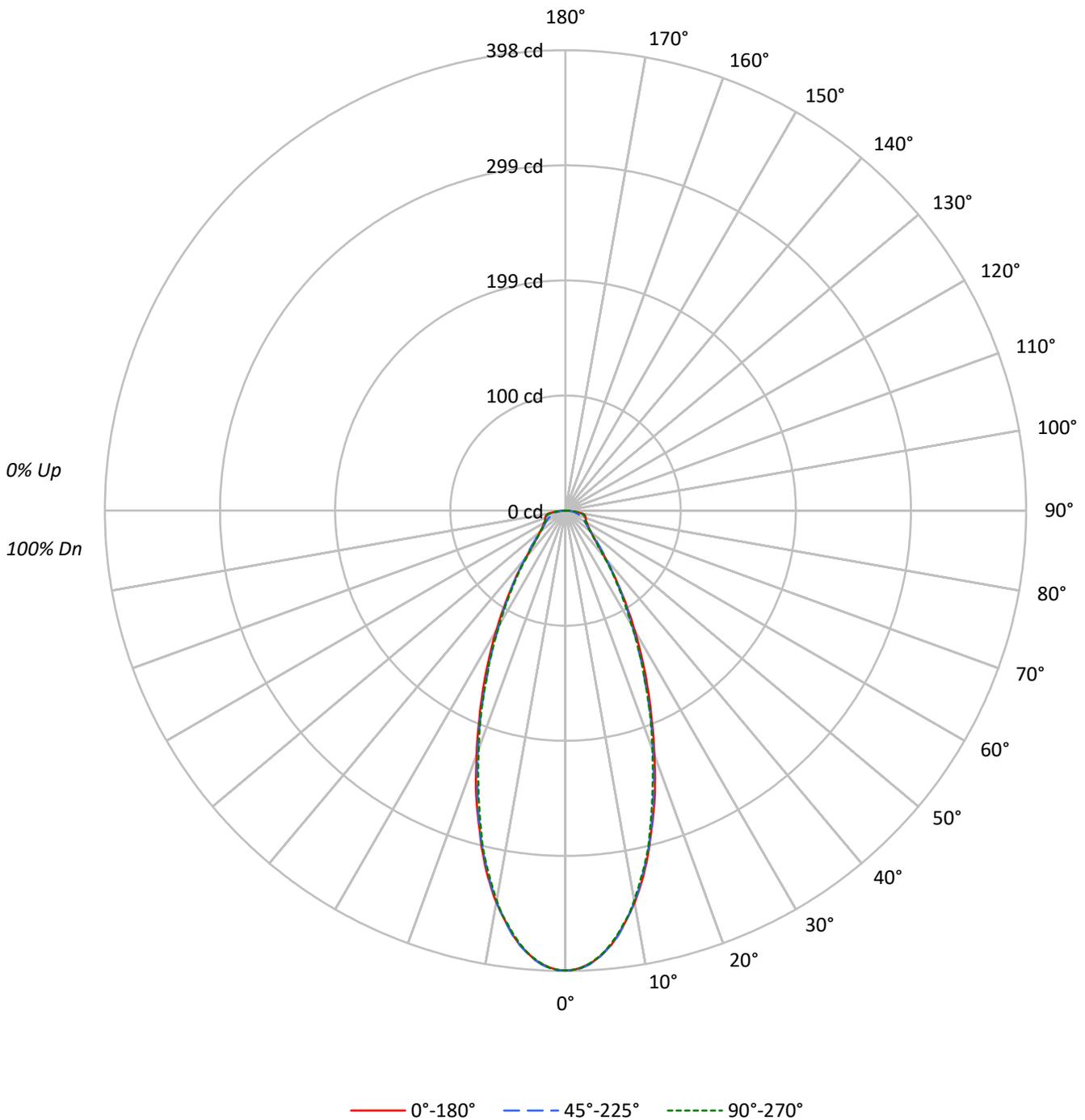
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 328.9 lumens
Efficiency: N/A
Efficacy: 45.7 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 (A_{in}): 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: P1308946
CATALOG NUMBER: LDSQA3D05R359030DE010 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	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	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	91	89
2	104	98	92	88	101	96	91	87	92	88	85	89	86	83	86	84	81	81	81	81	79
3	97	89	83	78	95	88	82	77	85	80	76	82	78	75	80	77	74	74	74	74	72
4	92	82	75	70	90	81	75	70	79	73	69	77	72	68	75	71	67	67	67	67	66
5	86	76	69	64	84	75	69	64	73	68	63	72	67	63	70	66	62	62	62	62	60
6	82	71	64	59	80	70	64	59	69	63	58	67	62	58	66	61	57	57	57	57	56
7	77	66	60	55	76	66	59	55	64	58	54	63	58	54	62	57	54	54	54	54	52
8	73	62	56	51	72	62	55	51	61	55	51	60	54	50	59	54	50	50	50	50	49
9	70	59	52	48	68	58	52	48	57	52	47	56	51	47	55	51	47	47	47	47	46
10	66	56	49	45	65	55	49	45	54	49	45	53	48	45	53	48	44	44	44	44	43

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	68476	68476	68476
5°	66231	66317	66231
10°	60176	60089	59826
15°	51082	50904	50458
20°	41127	40577	40211
25°	31791	30841	30841
30°	23705	22909	22710
35°	17051	16841	16420
40°	11938	12275	11488
45°	8914	9401	8671
50°	7636	7636	7502
55°	7206	6906	7056
60°	7406	6717	7061
65°	7947	6724	7743
70°	9316	7050	9064
75°	11645	7320	11312
80°	14877	7934	13389
85°	11856	7904	11856

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 80°
 Luminance: 14877 cd/sqm



TEST NUMBER: P1308946

CATALOG NUMBER: LDSQA3D05R359030DE010 3LSQPHRLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	35.3	10.7
10°-20°	78.8	24.0
20°-30°	75.3	22.9
30°-40°	50.6	15.4
40°-50°	29.7	9.0
50°-60°	21.2	6.4
60°-70°	17.6	5.4
70°-80°	14.5	4.4
80°-90°	6.0	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°	189.4	57.6
0°-40°	240.0	73.0
0°-60°	290.9	88.4
0°-90°	328.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	328.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	398	398	398	398	398	
5°	383	384	384	383	383	35
15°	286	287	286	284	283	79
25°	167	165	162	162	162	77
35°	81	81	80	79	78	51
45°	37	38	39	37	36	29
55°	24	24	23	23	24	22
65°	20	18	16	18	19	19
75°	18	14	11	14	17	18
85°	6	6	4	6	6	7
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	397.6	397.6	397.6	397.6	397.6
1°	397.1	397.6	397.6	397.1	397.1
2°	395.1	396.1	395.6	395.1	395.6
3°	392.6	393.6	393.1	392.6	392.1
4°	388.6	389.6	389.1	388.1	388.1
5°	383.1	384.1	383.6	383.1	383.1
6°	377.6	378.6	377.6	376.6	376.6
7°	370.1	371.6	370.6	369.6	369.1
8°	361.6	363.1	362.1	361.6	360.6
9°	353.1	354.1	352.6	352.6	352.6
10°	344.1	344.6	343.6	342.1	342.1
11°	334.0	333.5	333.0	332.0	331.0
12°	323.0	323.0	321.5	320.5	320.0
13°	311.5	311.0	310.0	309.0	309.0
14°	299.5	299.5	298.5	296.5	297.0
15°	286.5	287.0	285.5	283.5	283.0
17.5°	256.9	255.9	253.4	251.9	250.4
20°	224.4	223.9	221.4	219.9	219.4
22.5°	194.3	193.8	191.3	189.8	190.8
25°	167.3	165.3	162.3	162.3	162.3
27.5°	142.2	139.7	137.7	136.7	137.7
30°	119.2	117.2	115.2	114.7	114.2
32.5°	98.7	97.7	96.7	95.2	95.2
35°	81.1	81.1	80.1	78.6	78.1
37.5°	66.1	66.6	66.1	64.6	64.1
40°	53.1	54.1	54.6	53.1	51.1
42.5°	43.6	45.1	46.1	43.6	42.1
45°	36.6	37.6	38.6	36.6	35.6
47.5°	32.1	32.6	33.1	31.6	31.1
50°	28.5	28.5	28.5	28.0	28.0
52.5°	26.0	26.0	25.5	25.0	25.0
55°	24.0	23.5	23.0	23.0	23.5
57.5°	22.5	22.0	21.0	21.5	22.0
60°	21.5	20.5	19.5	20.0	20.5
62.5°	20.0	19.0	18.0	18.5	19.5
65°	19.5	17.5	16.5	17.5	19.0
67.5°	19.0	16.5	15.0	16.5	18.5
70°	18.5	15.5	14.0	15.5	18.0
72.5°	18.0	14.5	12.5	14.5	17.5
75°	17.5	13.5	11.0	13.5	17.0
77.5°	16.5	12.5	9.5	12.5	15.5
80°	15.0	11.5	8.0	11.0	13.5
82.5°	11.0	9.5	6.5	9.5	10.0
85°	6.0	6.5	4.0	6.5	6.0
87.5°	0.5	1.0	1.0	3.0	2.0



TEST NUMBER: P1308946
CATALOG NUMBER: LDSQA3D05R359030DE010 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)