

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: P1323620

Luminaire Tested: LDSQA3D05R309030D2WDE010 3LSQPHRLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323620
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D05R309030D2WDE010 3LSQPHRLP1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R30 optic, 3000K CCT AND, 90CRI ,
3LSQPHRLP1MW TRIM
Light Source: -
Ballast/Driver: -

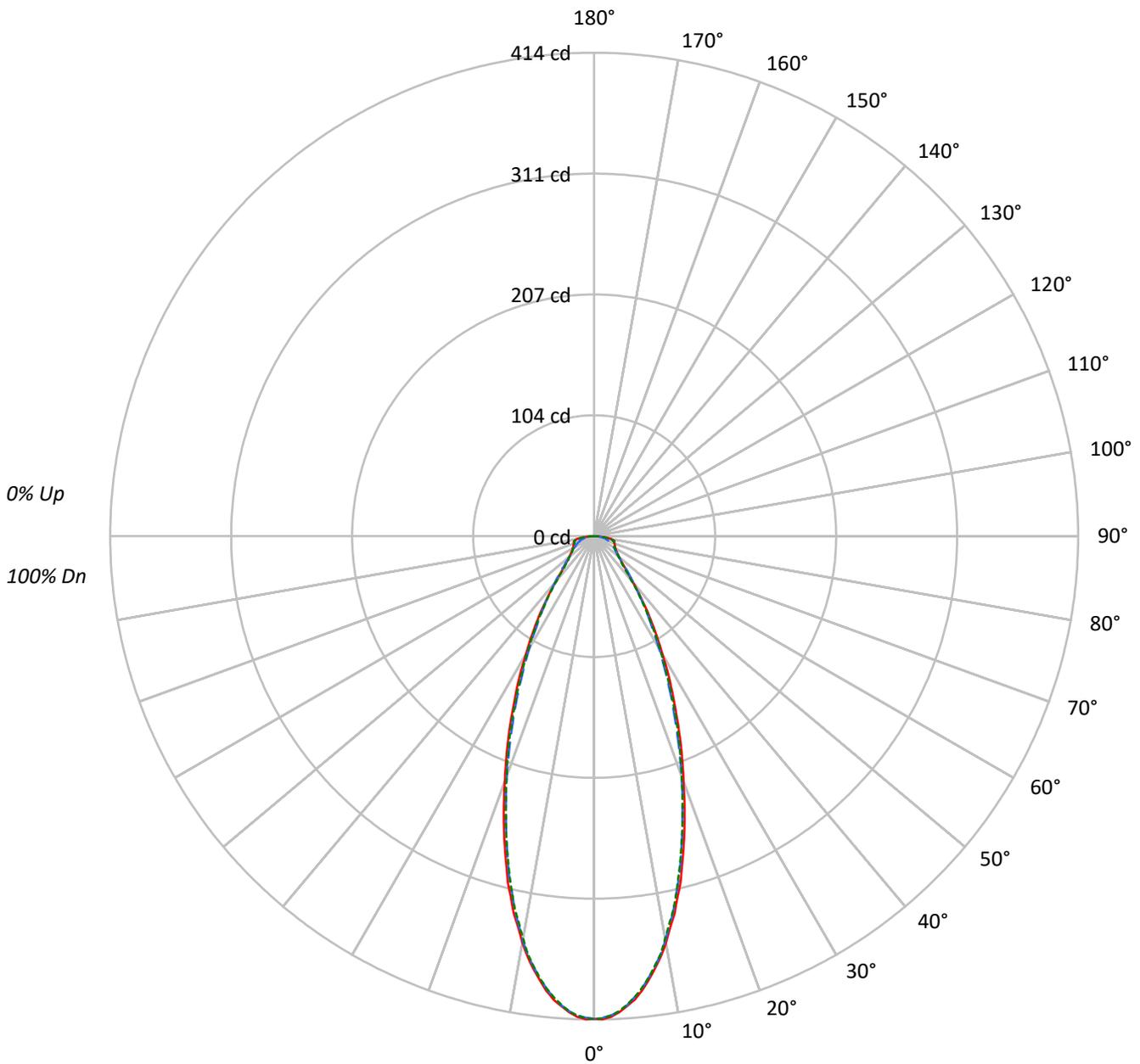
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 326.1 lumens
Efficiency: N/A
Efficacy: 29.4 lumens/watt
Spacing Criteria (0/90/45): 0.67 / 0.66 / 0.7
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

TEST NUMBER: P1323620
CATALOG NUMBER: LDSQA3D05R309030D2WDE010 3LSQPHRLP1MW

Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - · - · 90°-270°



TEST NUMBER: P1323620
 CATALOG NUMBER: LDSQA3D05R309030D2WDE010 3LSQPHRLP1MW

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

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	71197	71197	71197
5°	68876	68530	68530
10°	61820	61470	61208
15°	51813	51011	50922
20°	40907	40082	40082
25°	31316	30081	30651
30°	23227	22034	22531
35°	16799	16063	16168
40°	11556	11781	11219
45°	8622	8987	8281
50°	7502	7368	7368
55°	7056	6756	6906
60°	7233	6717	7061
65°	7947	6724	7743
70°	9316	6798	9064
75°	11978	7320	11645
80°	14877	7934	13885
85°	11856	7904	10868

MAXIMUM LUMINANCE 45°-90°:

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



TEST NUMBER: P1323620

CATALOG NUMBER: LDSQA3D05R309030D2WDE010 3LSQPHRLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	36.4	11.2
10°-20°	79.3	24.3
20°-30°	73.9	22.6
30°-40°	49.0	15.0
40°-50°	28.5	8.7
50°-60°	20.8	6.4
60°-70°	17.6	5.4
70°-80°	14.6	4.5
80°-90°	6.1	1.9
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°	189.6	58.1
0°-40°	238.6	73.2
0°-60°	287.9	88.3
0°-90°	326.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	326.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	413	413	413	413	413	
5°	398	398	396	396	396	37
15°	291	288	286	286	286	80
25°	165	162	158	159	161	76
35°	80	78	76	77	77	50
45°	35	36	37	35	34	28
55°	24	23	22	23	23	21
65°	20	18	16	18	19	19
75°	18	14	11	14	18	18
85°	6	7	4	6	6	7
90°	0	0	0	0	0	



TEST NUMBER: P1323620

CATALOG NUMBER: LDSQA3D05R309030D2WDE010 3LSQPHRLP1MW

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	413.4	413.4	413.4	413.4	413.4
1°	413.9	413.4	412.4	412.9	412.9
2°	411.9	411.4	410.9	410.9	410.9
3°	408.4	407.9	407.4	407.4	407.4
4°	403.4	402.9	402.9	402.4	402.4
5°	398.4	397.9	396.4	396.4	396.4
6°	391.4	390.9	389.9	389.4	389.4
7°	382.9	382.9	381.4	380.9	381.4
8°	374.0	373.5	372.5	372.0	372.0
9°	364.5	363.0	363.0	361.5	362.5
10°	353.5	352.5	351.5	350.5	350.0
11°	341.0	340.5	339.0	338.0	337.5
12°	330.5	328.0	327.0	325.5	326.5
13°	317.0	315.5	313.0	312.5	313.0
14°	305.6	302.6	300.6	299.6	299.1
15°	290.6	287.6	286.1	285.6	285.6
17.5°	257.1	255.1	251.1	251.1	251.1
20°	223.2	221.2	218.7	218.2	218.7
22.5°	193.7	190.2	186.2	186.7	189.7
25°	164.8	161.8	158.3	158.8	161.3
27.5°	140.3	136.3	132.8	133.8	135.3
30°	116.8	114.3	110.8	111.8	113.3
32.5°	96.9	95.4	91.4	92.4	93.9
35°	79.9	78.4	76.4	76.9	76.9
37.5°	63.9	63.9	63.4	62.9	62.4
40°	51.4	52.4	52.4	50.9	49.9
42.5°	41.9	42.9	43.9	41.9	40.4
45°	35.4	35.9	36.9	34.9	34.0
47.5°	31.0	31.0	32.0	30.5	30.0
50°	28.0	28.0	27.5	27.0	27.5
52.5°	25.5	25.0	24.5	25.0	25.0
55°	23.5	23.0	22.5	23.0	23.0
57.5°	22.0	21.5	21.0	21.0	21.5
60°	21.0	20.0	19.5	20.0	20.5
62.5°	20.0	18.5	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	13.5	15.5	18.0
72.5°	18.0	14.5	12.5	14.5	18.0
75°	18.0	13.5	11.0	13.5	17.5
77.5°	17.0	12.5	9.5	12.5	16.5
80°	15.0	11.5	8.0	11.0	14.0
82.5°	11.0	10.0	6.0	9.5	10.5
85°	6.0	7.0	4.0	6.5	5.5
87.5°	1.0	1.5	1.0	3.0	2.0



TEST NUMBER: P1323620
CATALOG NUMBER: LDSQA3D05R309030D2WDE010 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)