

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: P1316276

Luminaire Tested: LDSQA3D05R309740DE010 3LSQPHRLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1316276
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: LDSQA3D05R309740DE010 3LSQPHRLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 4000K CCT AND, 97CRI , 3LSQPHRLP1MW TRIM
Light Source: -
Ballast/Driver: -

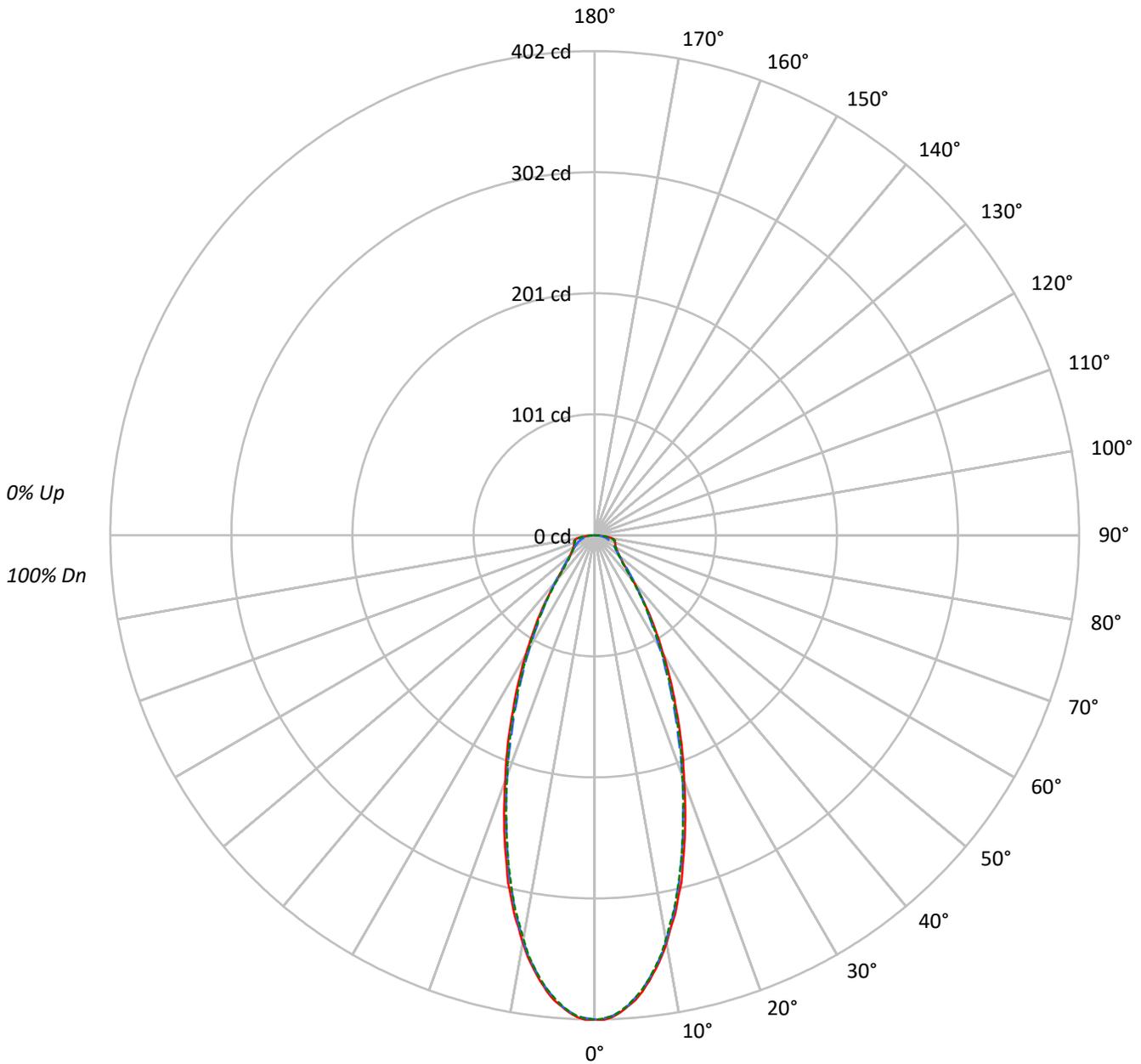
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 317.0 lumens
Efficiency: N/A
Efficacy: 44.0 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): 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: P1316276
CATALOG NUMBER: LDSQA3D05R309740DE010 3LSQPHRLP1MW

Luminous Intensity Polar Plot



0% Up
100% Dn

— 0°-180° - - 45°-225° - - - 90°-270°



TEST NUMBER: P1316276

CATALOG NUMBER: LDSQA3D05R309740DE010 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	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	102	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	83	78	75	80	77	74	74	74	72
4	92	82	76	70	90	81	75	70	79	73	69	77	72	68	75	71	67	67	67	66
5	86	76	69	64	85	75	69	64	74	68	63	72	67	63	70	66	62	62	62	61
6	82	71	64	59	80	70	64	59	69	63	59	67	62	58	66	61	58	58	58	56
7	77	67	60	55	76	66	60	55	65	59	55	63	58	54	62	57	54	54	54	52
8	74	63	56	51	72	62	56	51	61	55	51	60	55	51	59	54	51	51	51	49
9	70	59	53	48	69	59	52	48	58	52	48	57	51	48	56	51	48	48	48	46
10	67	56	50	45	66	56	49	45	55	49	45	54	49	45	53	48	45	45	45	43

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	69234	69234	69234
5°	66974	66645	66645
10°	60106	59774	59511
15°	50387	49603	49513
20°	39771	38964	38964
25°	30442	29245	29796
30°	22591	21438	21915
35°	16336	15621	15726
40°	11241	11466	10904
45°	8403	8744	8037
50°	7288	7154	7154
55°	6846	6546	6696
60°	7027	6510	6854
65°	7702	6520	7498
70°	9064	6596	8812
75°	11645	7120	11312
80°	14480	7736	13488
85°	11461	7707	10473

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 80°
 Luminance: 14480 cd/sqm



TEST NUMBER: P1316276

CATALOG NUMBER: LDSQA3D05R309740DE010 3LSQPHRLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	35.4	11.2
10°-20°	77.1	24.3
20°-30°	71.8	22.7
30°-40°	47.7	15.0
40°-50°	27.7	8.8
50°-60°	20.2	6.4
60°-70°	17.1	5.4
70°-80°	14.1	4.5
80°-90°	5.9	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°	184.3	58.1
0°-40°	232.0	73.2
0°-60°	279.9	88.3
0°-90°	317.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	317.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	402	402	402	402	402	
5°	387	387	386	386	386	36
15°	283	280	278	278	278	78
25°	160	157	154	154	157	74
35°	78	76	74	75	75	49
45°	34	35	36	34	33	28
55°	23	22	22	22	22	21
65°	19	17	16	17	18	19
75°	18	13	11	13	17	18
85°	6	7	4	6	5	7
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	402.0	402.0	402.0	402.0	402.0
1°	402.5	402.0	401.0	401.5	401.5
2°	400.5	400.0	399.6	399.6	399.6
3°	397.1	396.6	396.2	396.2	396.2
4°	392.3	391.8	391.8	391.3	391.3
5°	387.4	386.9	385.5	385.5	385.5
6°	380.6	380.1	379.2	378.7	378.7
7°	372.4	372.4	370.9	370.4	370.9
8°	363.6	363.1	362.2	361.7	361.7
9°	354.4	353.0	353.0	351.5	352.5
10°	343.7	342.8	341.8	340.8	340.3
11°	331.6	331.1	329.7	328.7	328.2
12°	321.4	319.0	318.0	316.5	317.5
13°	308.3	306.8	304.4	303.9	304.4
14°	297.1	294.2	292.3	291.3	290.8
15°	282.6	279.6	278.2	277.7	277.7
17.5°	250.0	248.1	244.2	244.2	244.2
20°	217.0	215.1	212.6	212.2	212.6
22.5°	188.4	185.0	181.1	181.6	184.5
25°	160.2	157.3	153.9	154.4	156.8
27.5°	136.4	132.5	129.1	130.1	131.6
30°	113.6	111.2	107.8	108.8	110.2
32.5°	94.2	92.7	88.8	89.8	91.3
35°	77.7	76.2	74.3	74.8	74.8
37.5°	62.1	62.1	61.7	61.2	60.7
40°	50.0	51.0	51.0	49.5	48.5
42.5°	40.8	41.8	42.7	40.8	39.3
45°	34.5	35.0	35.9	34.0	33.0
47.5°	30.1	30.1	31.1	29.6	29.1
50°	27.2	27.2	26.7	26.2	26.7
52.5°	24.8	24.3	23.8	24.3	24.3
55°	22.8	22.3	21.8	22.3	22.3
57.5°	21.4	20.9	20.4	20.4	20.9
60°	20.4	19.4	18.9	19.4	19.9
62.5°	19.4	18.0	17.5	18.0	18.9
65°	18.9	17.0	16.0	17.0	18.4
67.5°	18.4	16.0	14.6	16.0	18.0
70°	18.0	15.1	13.1	15.1	17.5
72.5°	17.5	14.1	12.1	14.1	17.5
75°	17.5	13.1	10.7	13.1	17.0
77.5°	16.5	12.1	9.2	12.1	16.0
80°	14.6	11.2	7.8	10.7	13.6
82.5°	10.7	9.7	5.8	9.2	10.2
85°	5.8	6.8	3.9	6.3	5.3
87.5°	1.0	1.5	1.0	2.9	1.9



TEST NUMBER: P1316276
CATALOG NUMBER: LDSQA3D05R309740DE010 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)