

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: P1323603

Luminaire Tested: LDSQA3D05R259030D2WDE010 3LSQPHRLP1MW

Issue Date: 1/29/2026

**Test Information**

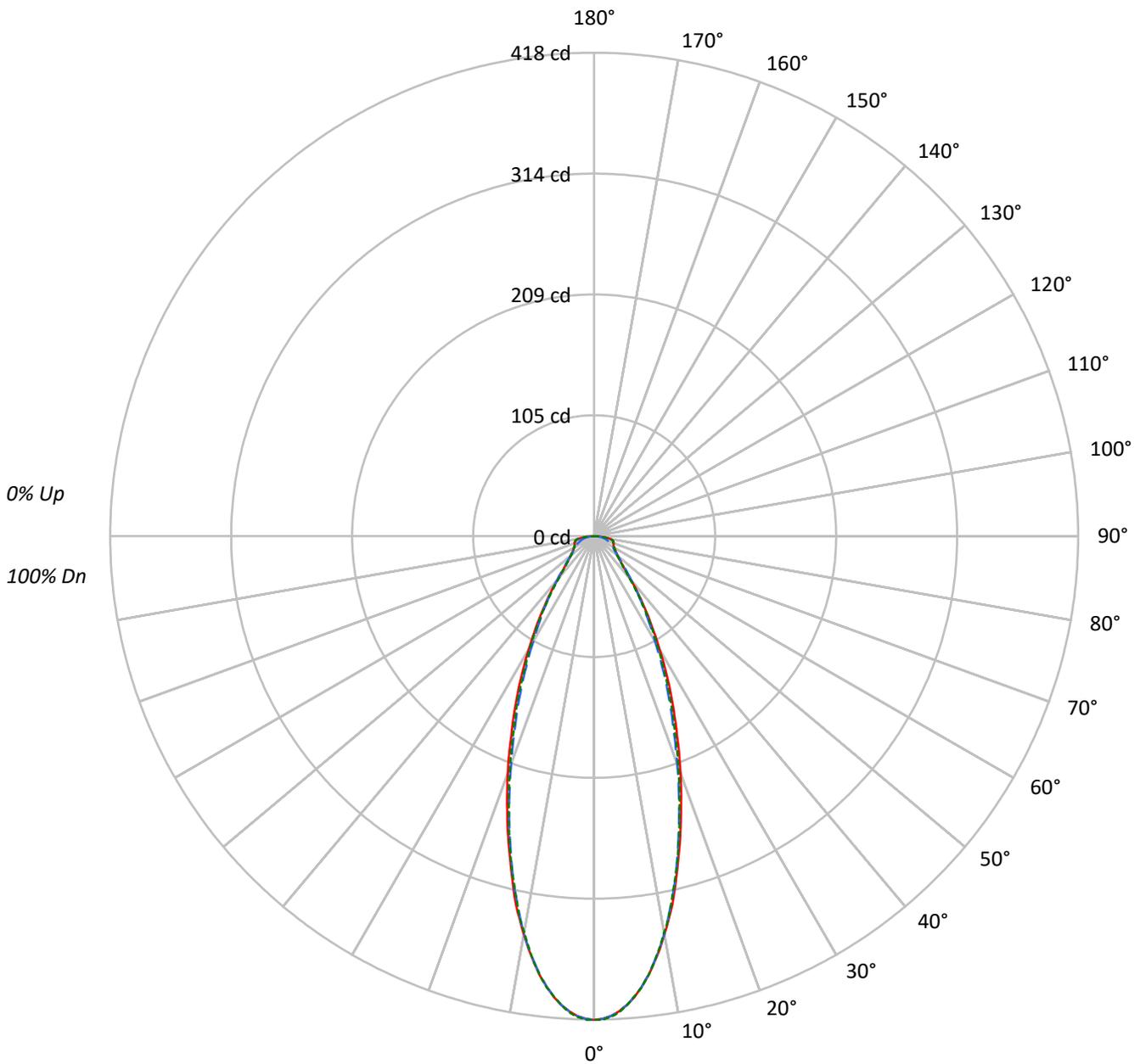
Test Method: LM-79-2019  
Report Number: P1323603  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-13)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D05R259030D2WDE010 3LSQPHRLP1MW  
Description: 3in Adjustable Dim to Warm LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,  
3LSQPHRLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 316.1 lumens  
Efficiency: N/A  
Efficacy: 28.5 lumens/watt  
Spacing Criteria (0/90/45): 0.65 / 0.64 / 0.68  
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: P1323603  
CATALOG NUMBER: LDSQA3D05R259030D2WDE010 3LSQPHRLP1MW

### Luminous Intensity Polar Plot



0% Up  
100% Dn

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



TEST NUMBER: P1323603

CATALOG NUMBER: LDSQA3D05R259030D2WDE010 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	93	89	85	89	86	83	87	84	81	80
3	98	89	83	78	95	88	82	78	85	80	76	83	79	75	80	77	74	72
4	92	83	76	71	90	81	75	70	79	74	69	77	72	69	75	71	68	66
5	87	77	70	65	85	76	69	64	74	68	64	72	67	63	70	66	63	61
6	82	72	65	60	80	71	64	59	69	63	59	68	62	58	66	62	58	56
7	78	67	60	55	76	66	60	55	65	59	55	64	58	55	62	58	54	53
8	74	63	56	52	72	62	56	52	61	55	51	60	55	51	59	54	51	49
9	70	59	53	49	69	59	53	48	58	52	48	57	52	48	56	51	48	46
10	67	56	50	46	66	56	50	46	55	49	46	54	49	45	53	49	45	44

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	72058	72058	72058
5°	69135	69048	69048
10°	61120	61033	60858
15°	50476	49763	50030
20°	39991	38341	38983
25°	30461	28846	29606
30°	22432	20861	21736
35°	16063	15327	15537
40°	10994	11219	10657
45°	8159	8622	8037
50°	7100	7100	6966
55°	6756	6456	6756
60°	6889	6372	6889
65°	7539	6520	7539
70°	9064	6546	8812
75°	11312	6987	11312
80°	14381	7438	13389
85°	11856	6916	11856

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 80°  
 Luminance: 14381 cd/sqm



TEST NUMBER: P1323603

CATALOG NUMBER: LDSQA3D05R259030D2WDE010 3LSQPHRLP1MW

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	36.5	11.6
10°-20°	77.6	24.5
20°-30°	71.1	22.5
30°-40°	46.9	14.8
40°-50°	27.3	8.6
50°-60°	20.0	6.3
60°-70°	17.0	5.4
70°-80°	14.0	4.4
80°-90°	5.8	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°	185.2	58.6
0°-40°	232.1	73.4
0°-60°	279.3	88.4
0°-90°	316.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	316.1	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	418	418	418	418	418	
5°	400	399	399	400	399	37
15°	283	282	279	280	281	78
25°	160	156	152	152	156	74
35°	76	75	73	73	74	48
45°	34	34	35	34	33	27
55°	22	22	22	22	22	20
65°	18	17	16	17	18	18
75°	17	13	10	13	17	18
85°	6	6	4	6	6	7
90°	0	0	0	0	0	



TEST NUMBER: P1323603

CATALOG NUMBER: LDSQA3D05R259030D2WDE010 3LSQPHRLP1MW

**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	418.4	418.4	418.4	418.4	418.4
1°	417.4	417.4	417.4	417.4	418.4
2°	415.4	414.9	415.4	415.4	415.9
3°	411.4	411.4	411.4	411.4	412.4
4°	406.4	406.4	406.4	406.4	406.4
5°	399.9	399.4	399.4	399.9	399.4
6°	391.9	391.9	391.9	391.9	392.4
7°	383.0	382.5	382.5	382.0	383.0
8°	372.5	372.5	372.0	371.5	372.5
9°	361.5	362.0	361.0	360.5	360.5
10°	349.5	349.0	349.0	349.0	348.0
11°	337.5	336.0	335.5	335.5	336.5
12°	325.5	323.0	322.0	322.0	322.0
13°	311.1	310.1	308.6	307.6	308.1
14°	296.6	296.6	294.1	294.1	295.1
15°	283.1	282.1	279.1	280.1	280.6
17.5°	249.6	247.6	244.2	244.2	244.7
20°	218.2	214.7	209.2	211.7	212.7
22.5°	187.2	183.7	178.2	180.7	181.7
25°	160.3	155.8	151.8	152.3	155.8
27.5°	135.8	130.8	126.8	128.3	130.3
30°	112.8	109.8	104.9	107.3	109.3
32.5°	93.4	90.9	87.4	88.9	90.9
35°	76.4	74.9	72.9	72.9	73.9
37.5°	61.9	61.4	60.4	59.9	59.4
40°	48.9	49.9	49.9	48.9	47.4
42.5°	39.9	40.9	41.9	39.9	38.4
45°	33.5	34.5	35.4	33.5	33.0
47.5°	29.5	30.0	30.5	29.5	29.0
50°	26.5	26.5	26.5	26.0	26.0
52.5°	24.5	24.0	23.5	24.0	24.0
55°	22.5	22.5	21.5	22.0	22.5
57.5°	21.0	20.5	20.0	20.5	21.0
60°	20.0	19.0	18.5	19.0	20.0
62.5°	19.0	18.0	17.0	18.0	19.0
65°	18.5	17.0	16.0	17.0	18.5
67.5°	18.0	16.0	14.5	16.0	18.0
70°	18.0	15.0	13.0	15.0	17.5
72.5°	17.5	14.0	12.0	14.0	17.5
75°	17.0	13.0	10.5	13.0	17.0
77.5°	16.5	12.0	9.0	12.0	16.0
80°	14.5	11.0	7.5	11.0	13.5
82.5°	10.5	9.0	6.0	9.0	10.0
85°	6.0	6.5	3.5	6.5	6.0
87.5°	1.0	1.5	1.0	2.5	2.0



TEST NUMBER: P1323603  
CATALOG NUMBER: LDSQA3D05R259030D2WDE010 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)