

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: P1313033

Luminaire Tested: LDSQA3D24R359050D010 3LSQPHRLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1313033
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: LDSQA3D24R359050D010 3LSQPHRLP1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 5000K CCT AND, 90CRI , 3LSQPHRLP1MW TRIM
Light Source: -
Ballast/Driver: -

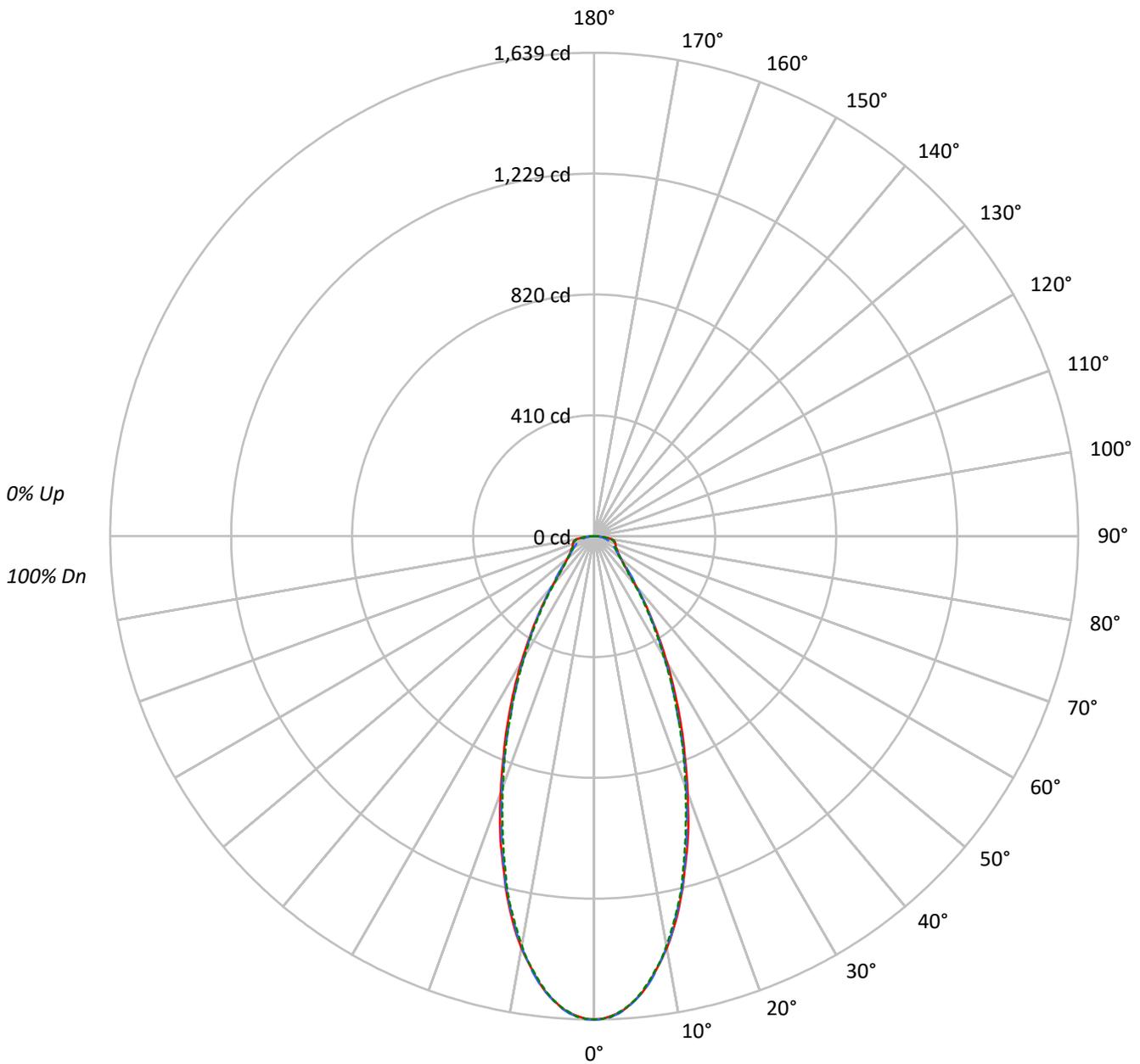
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1356.0 lumens
Efficiency: N/A
Efficacy: 47.1 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): 28.8
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

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Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° ···· 90°-270°



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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	65
5	86	76	69	64	84	75	69	64	73	68	63	72	67	63	70	65	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	54	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°	282256	282256	282256
5°	272996	273341	272996
10°	247997	247629	246545
15°	210516	209785	207931
20°	169475	167221	165699
25°	131004	127090	127090
30°	97703	94421	93586
35°	70306	69444	67699
40°	49191	50585	47325
45°	36704	38702	35706
50°	31535	31535	30973
55°	29756	28525	29125
60°	30587	27728	29140
65°	32805	27752	31949
70°	38471	29105	37413
75°	48043	30210	46712
80°	61392	32729	55243
85°	49006	32605	49006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 80°
 Luminance: 61392 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	145.6	10.7
10°-20°	324.9	24.0
20°-30°	310.2	22.9
30°-40°	208.4	15.4
40°-50°	122.3	9.0
50°-60°	87.5	6.5
60°-70°	72.8	5.4
70°-80°	59.7	4.4
80°-90°	24.6	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°	780.7	57.6
0°-40°	989.0	72.9
0°-60°	1198.9	88.4
0°-90°	1356.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1356.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1639	1639	1639	1639	1639	
5°	1579	1583	1581	1579	1579	146
15°	1181	1183	1177	1168	1166	327
25°	689	681	669	669	669	316
35°	334	334	330	324	322	212
45°	151	155	159	151	147	121
55°	99	97	95	95	97	90
65°	80	72	68	72	78	80
75°	72	56	45	56	70	75
85°	25	27	16	27	25	28
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1638.9	1638.9	1638.9	1638.9	1638.9
1°	1636.9	1638.9	1638.9	1636.9	1636.9
2°	1628.6	1632.7	1630.7	1628.6	1630.7
3°	1618.3	1622.4	1620.4	1618.3	1616.2
4°	1601.8	1605.9	1603.8	1599.7	1599.7
5°	1579.1	1583.2	1581.1	1579.1	1579.1
6°	1556.4	1560.5	1556.4	1552.2	1552.2
7°	1525.4	1531.6	1527.5	1523.3	1521.3
8°	1490.3	1496.5	1492.4	1490.3	1486.2
9°	1455.2	1459.3	1453.2	1453.2	1453.2
10°	1418.1	1420.1	1416.0	1409.8	1409.8
11°	1376.8	1374.7	1372.7	1368.5	1364.4
12°	1331.4	1331.4	1325.2	1321.1	1319.0
13°	1283.9	1281.8	1277.7	1273.6	1273.6
14°	1234.4	1234.4	1230.2	1222.0	1224.0
15°	1180.7	1182.8	1176.6	1168.3	1166.2
17.5°	1058.9	1054.8	1044.5	1038.3	1032.1
20°	924.7	922.7	912.4	906.2	904.1
22.5°	800.9	798.8	788.5	782.3	786.4
25°	689.4	681.2	668.8	668.8	668.8
27.5°	586.2	575.9	567.6	563.5	567.6
30°	491.3	483.0	474.8	472.7	470.6
32.5°	406.6	402.5	398.4	392.2	392.2
35°	334.4	334.4	330.3	324.1	322.0
37.5°	272.5	274.5	272.5	266.3	264.2
40°	218.8	222.9	225.0	218.8	210.5
42.5°	179.6	185.8	189.9	179.6	173.4
45°	150.7	154.8	158.9	150.7	146.6
47.5°	132.1	134.2	136.2	130.0	128.0
50°	117.7	117.7	117.7	115.6	115.6
52.5°	107.3	107.3	105.3	103.2	103.2
55°	99.1	97.0	95.0	95.0	97.0
57.5°	92.9	90.8	86.7	88.8	90.8
60°	88.8	84.6	80.5	82.6	84.6
62.5°	82.6	78.4	74.3	76.4	80.5
65°	80.5	72.2	68.1	72.2	78.4
67.5°	78.4	68.1	61.9	68.1	76.4
70°	76.4	64.0	57.8	64.0	74.3
72.5°	74.3	59.9	51.6	59.9	72.2
75°	72.2	55.7	45.4	55.7	70.2
77.5°	68.1	51.6	39.2	51.6	64.0
80°	61.9	47.5	33.0	45.4	55.7
82.5°	45.4	39.2	26.8	39.2	41.3
85°	24.8	26.8	16.5	26.8	24.8
87.5°	2.1	4.1	4.1	12.4	8.3



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CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)