

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: P1311956

Luminaire Tested: LDSQA3D24R359040D010 3LSQPHRLP1MW

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1311956  
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: LDSQA3D24R359040D010 3LSQPHRLP1MW  
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 90CRI , 3LSQPHRLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

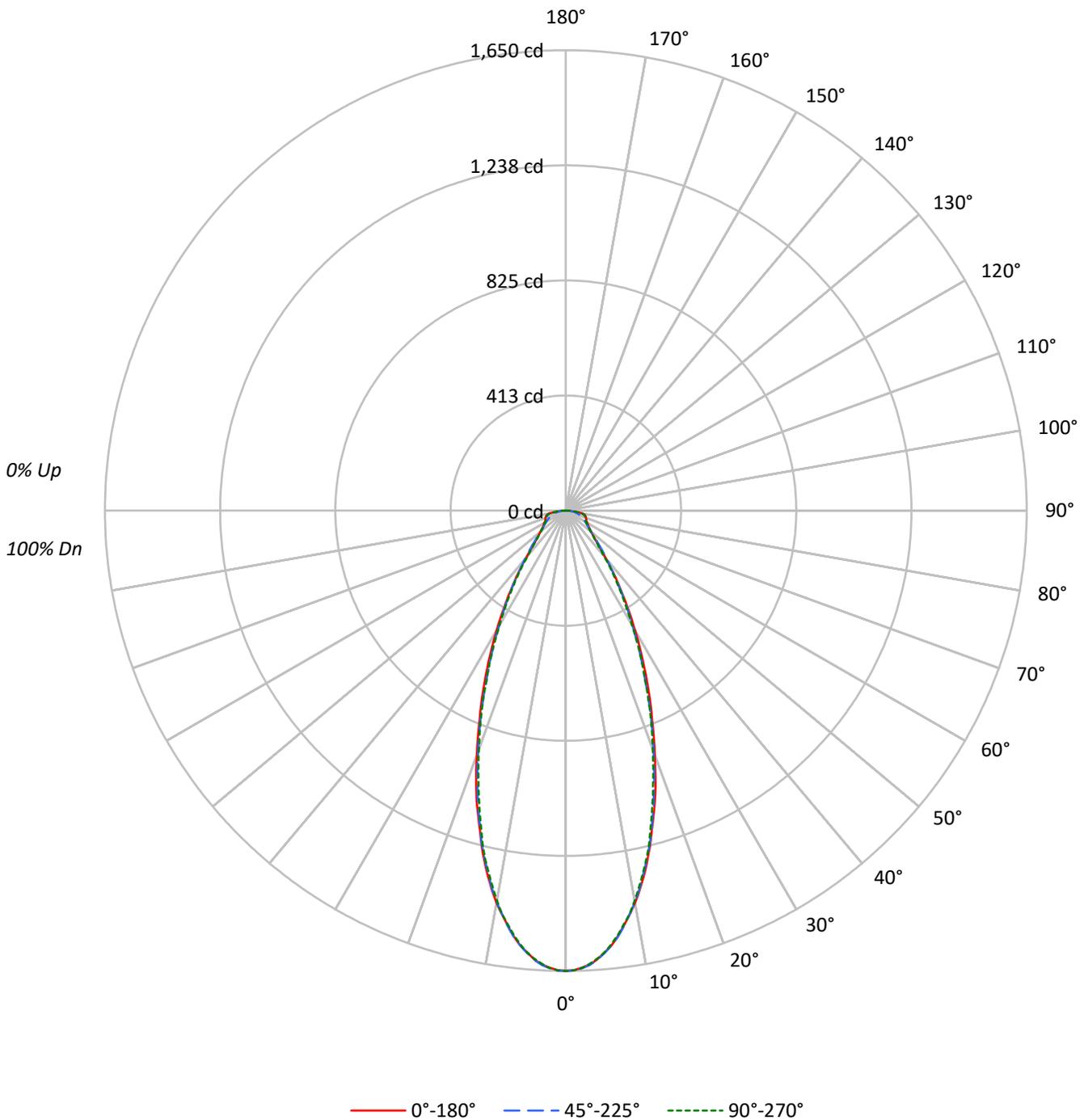
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1365.0 lumens  
Efficiency: N/A  
Efficacy: 47.4 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 (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

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### 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	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°	284133	284133	284133
5°	274794	275157	274794
10°	249640	249273	248189
15°	211907	211176	209322
20°	170611	168320	166799
25°	131879	127926	127926
30°	98339	95038	94203
35°	70768	69906	68140
40°	49528	50922	47640
45°	36948	38970	35925
50°	31723	31723	31187
55°	29936	28705	29336
60°	30759	27900	29347
65°	33009	27955	32194
70°	38723	29306	37665
75°	48376	30410	46978
80°	61789	32927	55639
85°	49203	32802	49203

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 80°  
 Luminance: 61789 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	146.5	10.7
10°-20°	327.0	24.0
20°-30°	312.3	22.9
30°-40°	209.8	15.4
40°-50°	123.1	9.0
50°-60°	88.1	6.5
60°-70°	73.3	5.4
70°-80°	60.1	4.4
80°-90°	24.8	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°	785.8	57.6
0°-40°	995.6	72.9
0°-60°	1206.8	88.4
0°-90°	1365.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1365.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1650	1650	1650	1650	1650	
5°	1590	1594	1592	1590	1590	147
15°	1188	1191	1184	1176	1174	329
25°	694	686	673	673	673	318
35°	337	337	332	326	324	213
45°	152	156	160	152	148	122
55°	100	98	96	96	98	91
65°	81	73	69	73	79	81
75°	73	56	46	56	71	76
85°	25	27	17	27	25	28
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1649.8	1649.8	1649.8	1649.8	1649.8
1°	1647.7	1649.8	1649.8	1647.7	1647.7
2°	1639.4	1643.6	1641.5	1639.4	1641.5
3°	1629.0	1633.2	1631.1	1629.0	1627.0
4°	1612.4	1616.6	1614.5	1610.3	1610.3
5°	1589.5	1593.7	1591.6	1589.5	1589.5
6°	1566.7	1570.8	1566.7	1562.5	1562.5
7°	1535.5	1541.8	1537.6	1533.4	1531.4
8°	1500.2	1506.4	1502.3	1500.2	1496.0
9°	1464.9	1469.0	1462.8	1462.8	1462.8
10°	1427.5	1429.6	1425.4	1419.2	1419.2
11°	1385.9	1383.8	1381.8	1377.6	1373.5
12°	1340.2	1340.2	1334.0	1329.8	1327.7
13°	1292.4	1290.3	1286.2	1282.0	1282.0
14°	1242.5	1242.5	1238.4	1230.1	1232.2
15°	1188.5	1190.6	1184.4	1176.1	1174.0
17.5°	1065.9	1061.8	1051.4	1045.2	1038.9
20°	930.9	928.8	918.4	912.2	910.1
22.5°	806.2	804.1	793.7	787.5	791.7
25°	694.0	685.7	673.2	673.2	673.2
27.5°	590.1	579.7	571.4	567.3	571.4
30°	494.5	486.2	477.9	475.8	473.7
32.5°	409.3	405.2	401.0	394.8	394.8
35°	336.6	336.6	332.5	326.2	324.1
37.5°	274.3	276.4	274.3	268.0	266.0
40°	220.3	224.4	226.5	220.3	211.9
42.5°	180.8	187.0	191.2	180.8	174.5
45°	151.7	155.8	160.0	151.7	147.5
47.5°	133.0	135.1	137.1	130.9	128.8
50°	118.4	118.4	118.4	116.4	116.4
52.5°	108.0	108.0	106.0	103.9	103.9
55°	99.7	97.7	95.6	95.6	97.7
57.5°	93.5	91.4	87.3	89.3	91.4
60°	89.3	85.2	81.0	83.1	85.2
62.5°	83.1	79.0	74.8	76.9	81.0
65°	81.0	72.7	68.6	72.7	79.0
67.5°	79.0	68.6	62.3	68.6	76.9
70°	76.9	64.4	58.2	64.4	74.8
72.5°	74.8	60.3	51.9	60.3	72.7
75°	72.7	56.1	45.7	56.1	70.6
77.5°	68.6	51.9	39.5	51.9	64.4
80°	62.3	47.8	33.2	45.7	56.1
82.5°	45.7	39.5	27.0	39.5	41.6
85°	24.9	27.0	16.6	27.0	24.9
87.5°	2.1	4.2	4.2	12.5	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)