

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: P1319695

Luminaire Tested: LDSQA3D02R359840DE010 3LSQPHRLP1MW

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1319695  
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: LDSQA3D02R359840DE010 3LSQPHRLP1MW  
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 98CRI , 3LSQPHRLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

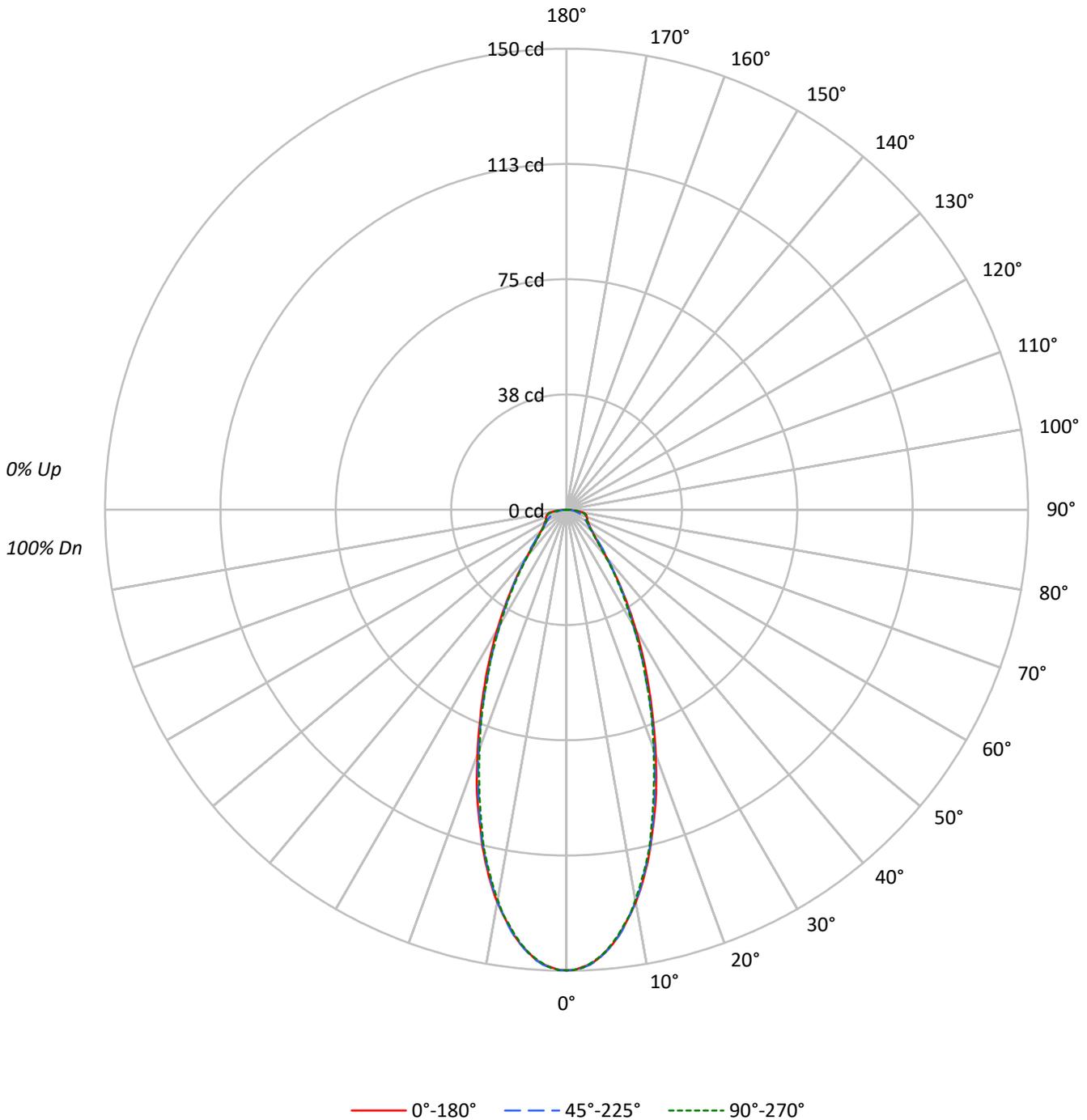
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 124.0 lumens  
Efficiency: N/A  
Efficacy: 34.5 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): 3.6  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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: P1319695  
CATALOG NUMBER: LDSQA3D02R359840DE010 3LSQPHRLP1MW

### Luminous Intensity Polar Plot





TEST NUMBER: P1319695

CATALOG NUMBER: LDSQA3D02R359840DE010 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	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	98	96	97	95	93	94	92	91	91	91	91	89
2	104	97	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	66	63	70	65	62	62	62	62	60
6	81	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	58	54	50	50	50	50	49
9	70	59	52	48	68	58	52	48	57	51	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°	25816	25816	25816
5°	24964	24999	24964
10°	22682	22647	22542
15°	19256	19185	19007
20°	15505	15285	15157
25°	11972	11630	11630
30°	8929	8631	8551
35°	6433	6349	6181
40°	4496	4631	4339
45°	3361	3532	3264
50°	2894	2894	2840
55°	2732	2612	2672
60°	2790	2549	2652
65°	3016	2527	2934
70°	3525	2669	3424
75°	4392	2795	4259
80°	5653	2975	5058
85°	4545	2964	4545

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 80°  
 Luminance: 5653 cd/sqm



TEST NUMBER: P1319695

CATALOG NUMBER: LDSQA3D02R359840DE010 3LSQPHRLP1MW

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	13.3	10.7
10°-20°	29.7	23.9
20°-30°	28.4	22.9
30°-40°	19.1	15.4
40°-50°	11.2	9.0
50°-60°	8.0	6.5
60°-70°	6.7	5.4
70°-80°	5.5	4.4
80°-90°	2.3	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
<b>0°-30°</b>	<b>71.4</b>	<b>57.5</b>
<b>0°-40°</b>	<b>90.4</b>	<b>72.9</b>
<b>0°-60°</b>	<b>109.6</b>	<b>88.4</b>
<b>0°-90°</b>	<b>124.0</b>	<b>100.0</b>
90°-120°	0.0	0.0
90°-150°	0.0	0.0
<b>90°-180°</b>	<b>0.0</b>	<b>0.0</b>
<b>0°-180°</b>	<b>124.0</b>	<b>100.0</b>

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	150	150	150	150	150	
5°	144	145	145	144	144	13
15°	108	108	108	107	107	30
25°	63	62	61	61	61	29
35°	31	31	30	30	29	19
45°	14	14	14	14	13	11
55°	9	9	9	9	9	8
65°	7	7	6	7	7	7
75°	7	5	4	5	6	7
85°	2	2	2	2	2	3
90°	0	0	0	0	0	



TEST NUMBER: P1319695

CATALOG NUMBER: LDSQA3D02R359840DE010 3LSQPHRLP1MW

**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	149.9	149.9	149.9	149.9	149.9
1°	149.7	149.9	149.9	149.7	149.7
2°	148.9	149.3	149.1	148.9	149.1
3°	148.0	148.4	148.2	148.0	147.8
4°	146.5	146.9	146.7	146.3	146.3
5°	144.4	144.8	144.6	144.4	144.4
6°	142.3	142.7	142.3	141.9	141.9
7°	139.5	140.1	139.7	139.3	139.1
8°	136.3	136.8	136.5	136.3	135.9
9°	133.1	133.5	132.9	132.9	132.9
10°	129.7	129.9	129.5	128.9	128.9
11°	125.9	125.7	125.5	125.1	124.8
12°	121.7	121.7	121.2	120.8	120.6
13°	117.4	117.2	116.8	116.5	116.5
14°	112.9	112.9	112.5	111.7	111.9
15°	108.0	108.2	107.6	106.8	106.6
17.5°	96.8	96.5	95.5	94.9	94.4
20°	84.6	84.4	83.4	82.9	82.7
22.5°	73.2	73.0	72.1	71.5	71.9
25°	63.0	62.3	61.2	61.2	61.2
27.5°	53.6	52.7	51.9	51.5	51.9
30°	44.9	44.2	43.4	43.2	43.0
32.5°	37.2	36.8	36.4	35.9	35.9
35°	30.6	30.6	30.2	29.6	29.4
37.5°	24.9	25.1	24.9	24.3	24.2
40°	20.0	20.4	20.6	20.0	19.3
42.5°	16.4	17.0	17.4	16.4	15.9
45°	13.8	14.2	14.5	13.8	13.4
47.5°	12.1	12.3	12.5	11.9	11.7
50°	10.8	10.8	10.8	10.6	10.6
52.5°	9.8	9.8	9.6	9.4	9.4
55°	9.1	8.9	8.7	8.7	8.9
57.5°	8.5	8.3	7.9	8.1	8.3
60°	8.1	7.7	7.4	7.6	7.7
62.5°	7.6	7.2	6.8	7.0	7.4
65°	7.4	6.6	6.2	6.6	7.2
67.5°	7.2	6.2	5.7	6.2	7.0
70°	7.0	5.9	5.3	5.9	6.8
72.5°	6.8	5.5	4.7	5.5	6.6
75°	6.6	5.1	4.2	5.1	6.4
77.5°	6.2	4.7	3.6	4.7	5.9
80°	5.7	4.3	3.0	4.2	5.1
82.5°	4.2	3.6	2.5	3.6	3.8
85°	2.3	2.5	1.5	2.5	2.3
87.5°	0.2	0.4	0.4	1.1	0.8



TEST NUMBER: P1319695  
CATALOG NUMBER: LDSQA3D02R359840DE010 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)