

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: P1324058

Luminaire Tested: LDSQA3D17R309030D2WDE010 3LSQPHRLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1324058
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: LDSQA3D17R309030D2WDE010 3LSQPHRLP1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R30 optic, 3000K CCT AND, 90CRI ,
3LSQPHRLP1MW TRIM
Light Source: -
Ballast/Driver: -

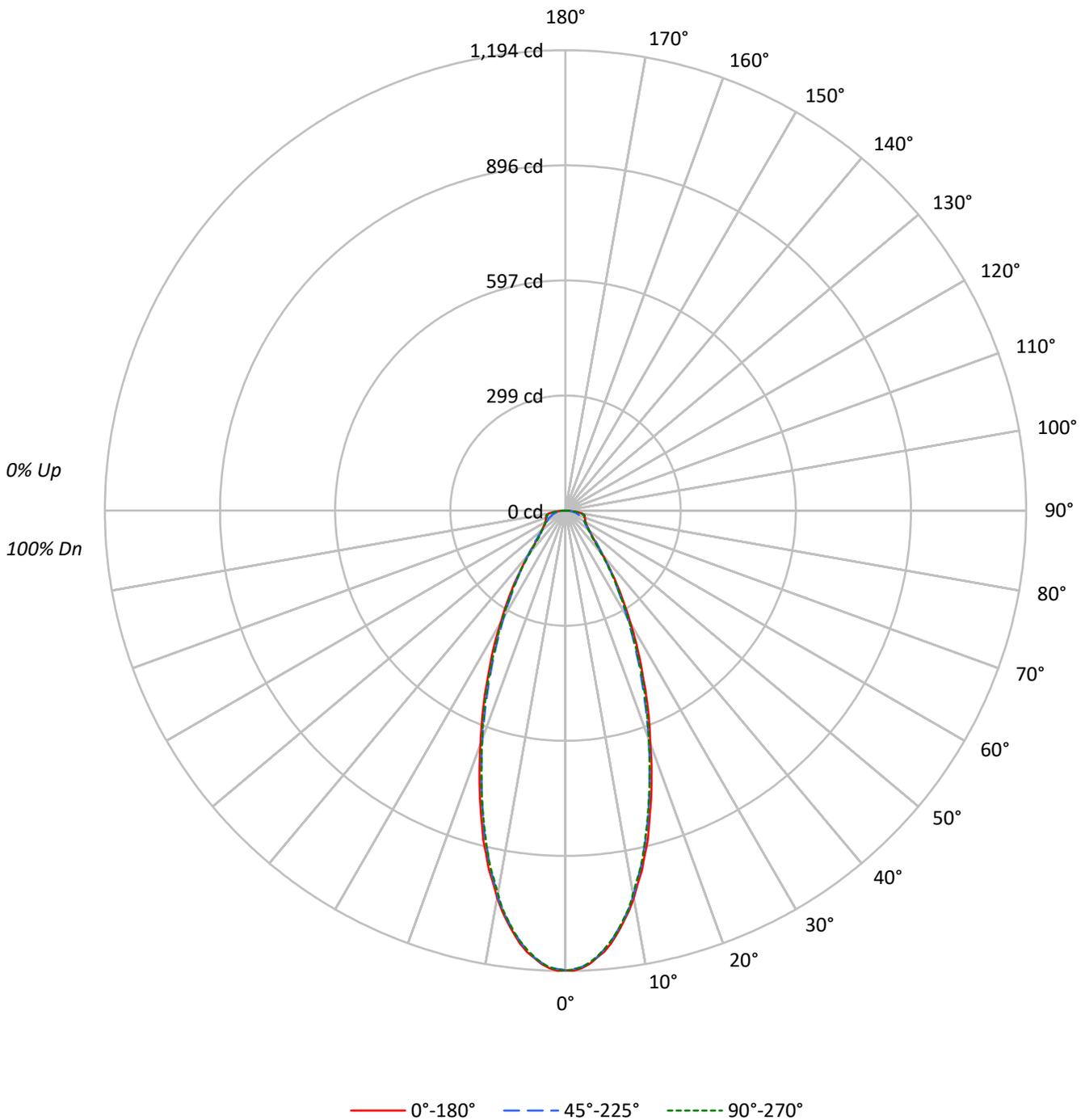
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 940.0 lumens
Efficiency: N/A
Efficacy: 34.4 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): 27.3
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: P1324058
CATALOG NUMBER: LDSQA3D17R309030D2WDE010 3LSQPHRLP1MW

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
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	92	88	85	89	86	83	86	84	81	79		
3	97	89	83	78	95	88	82	77	85	80	76	83	78	75	80	77	74	72		
4	92	82	76	70	90	81	75	70	79	73	69	77	72	68	75	71	67	66		
5	86	76	69	64	85	75	69	64	74	68	63	72	67	63	70	66	62	61		
6	82	71	64	59	80	70	64	59	69	63	59	67	62	58	66	61	58	56		
7	77	67	60	55	76	66	60	55	65	59	55	63	58	54	62	57	54	52		
8	74	63	56	51	72	62	56	51	61	55	51	60	55	51	59	54	51	49		
9	70	59	53	48	69	59	52	48	58	52	48	57	51	48	56	51	48	46		
10	67	56	50	45	66	56	49	45	55	49	45	54	49	45	53	48	45	43		

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	205289	205289	205289
5°	198605	197620	197620
10°	178255	177240	176488
15°	149396	147078	146828
20°	117938	115574	115574
25°	90282	86728	88362
30°	66998	63557	64989
35°	48419	46317	46611
40°	33341	33993	32374
45°	24892	25939	23844
50°	21595	21220	21220
55°	20328	19457	19877
60°	20839	19323	20322
65°	22862	19357	22291
70°	26839	19588	26084
75°	34469	21094	33537
80°	42845	22811	39969
85°	34185	22724	31221

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 80°
 Luminance: 42845 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	105.1	11.2
10°-20°	228.6	24.3
20°-30°	213.0	22.7
30°-40°	141.3	15.0
40°-50°	82.3	8.8
50°-60°	59.9	6.4
60°-70°	50.6	5.4
70°-80°	41.9	4.5
80°-90°	17.4	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°	546.6	58.1
0°-40°	687.9	73.2
0°-60°	830.1	88.3
0°-90°	940.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	940.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1192	1192	1192	1192	1192	
5°	1149	1147	1143	1143	1143	105
15°	838	829	825	824	824	232
25°	475	466	456	458	465	219
35°	230	226	220	222	222	145
45°	102	104	106	101	98	82
55°	68	66	65	66	66	61
65°	56	50	48	50	55	56
75°	52	39	32	39	50	53
85°	17	20	12	19	16	20
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1192.0	1192.0	1192.0	1192.0	1192.0
1°	1193.5	1192.0	1189.1	1190.6	1190.6
2°	1187.7	1186.3	1184.8	1184.8	1184.8
3°	1177.6	1176.2	1174.7	1174.7	1174.7
4°	1163.2	1161.8	1161.8	1160.3	1160.3
5°	1148.8	1147.4	1143.1	1143.1	1143.1
6°	1128.7	1127.2	1124.4	1122.9	1122.9
7°	1104.2	1104.2	1099.9	1098.4	1099.9
8°	1078.3	1076.8	1074.0	1072.5	1072.5
9°	1050.9	1046.6	1046.6	1042.3	1045.2
10°	1019.3	1016.4	1013.5	1010.6	1009.2
11°	983.3	981.8	977.5	974.6	973.2
12°	953.0	945.8	943.0	938.6	941.5
13°	914.2	909.8	902.7	901.2	902.7
14°	881.1	872.4	866.7	863.8	862.3
15°	837.9	829.2	824.9	823.5	823.5
17.5°	741.4	735.7	724.1	724.1	724.1
20°	643.5	637.8	630.6	629.1	630.6
22.5°	558.6	548.5	537.0	538.4	547.1
25°	475.1	466.4	456.4	457.8	465.0
27.5°	404.5	393.0	382.9	385.8	390.1
30°	336.9	329.7	319.6	322.5	326.8
32.5°	279.3	275.0	263.5	266.3	270.7
35°	230.3	226.0	220.3	221.7	221.7
37.5°	184.3	184.3	182.8	181.4	180.0
40°	148.3	151.2	151.2	146.8	144.0
42.5°	120.9	123.8	126.7	120.9	116.6
45°	102.2	103.7	106.5	100.8	97.9
47.5°	89.3	89.3	92.1	87.8	86.4
50°	80.6	80.6	79.2	77.7	79.2
52.5°	73.4	72.0	70.5	72.0	72.0
55°	67.7	66.2	64.8	66.2	66.2
57.5°	63.3	61.9	60.5	60.5	61.9
60°	60.5	57.6	56.1	57.6	59.0
62.5°	57.6	53.3	51.8	53.3	56.1
65°	56.1	50.4	47.5	50.4	54.7
67.5°	54.7	47.5	43.2	47.5	53.3
70°	53.3	44.6	38.9	44.6	51.8
72.5°	51.8	41.7	36.0	41.7	51.8
75°	51.8	38.9	31.7	38.9	50.4
77.5°	48.9	36.0	27.4	36.0	47.5
80°	43.2	33.1	23.0	31.7	40.3
82.5°	31.7	28.8	17.3	27.4	30.2
85°	17.3	20.2	11.5	18.7	15.8
87.5°	2.9	4.3	2.9	8.6	5.8



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CATALOG NUMBER: LDSQA3D17R309030D2WDE010 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)