

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: P1324024

Luminaire Tested: LDSQA3D17R209030D2WDE010 3LSQPHRLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1324024
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-12)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D17R209030D2WDE010 3LSQPHRLP1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R20 optic, 3000K CCT AND, 90CRI ,
3LSQPHRLP1MW TRIM
Light Source: -
Ballast/Driver: -

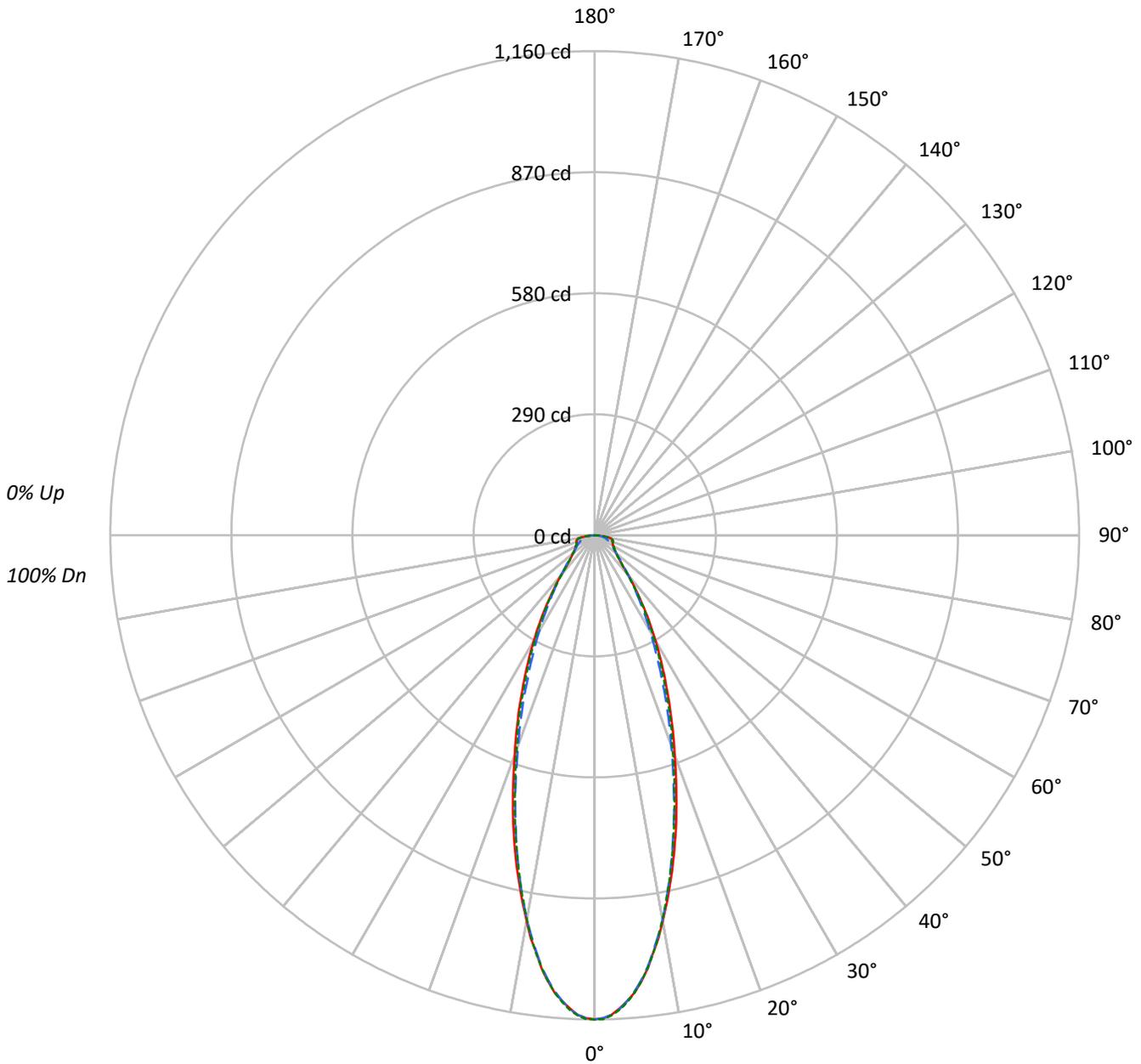
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 818.0 lumens
Efficiency: N/A
Efficacy: 30.0 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.6 / 0.65
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: P1324024
CATALOG NUMBER: LDSQA3D17R209030D2WDE010 3LSQPHRLP1MW

Luminous Intensity Polar Plot



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



TEST NUMBER: P1324024

CATALOG NUMBER: LDSQA3D17R209030D2WDE010 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	108	104	101	109	105	102	100	101	99	96	97	95	94	94	92	91	91	91	91	89
2	104	98	93	88	102	96	91	87	93	89	85	90	86	83	87	84	82	82	82	82	80
3	98	90	84	79	96	88	83	78	85	81	77	83	79	75	81	77	74	74	74	74	72
4	92	83	76	71	90	82	75	71	79	74	70	77	73	69	75	71	68	68	68	68	66
5	87	77	70	65	85	76	70	65	74	68	64	72	67	64	71	66	63	63	63	63	61
6	82	72	65	60	81	71	65	60	69	64	59	68	63	59	67	62	59	59	59	59	57
7	78	67	61	56	77	67	60	56	65	60	55	64	59	55	63	58	55	55	55	55	53
8	74	63	57	52	73	63	57	52	62	56	52	61	55	52	60	55	51	51	51	51	50
9	71	60	53	49	69	59	53	49	58	53	49	58	52	49	57	52	48	48	48	48	47
10	67	57	50	46	66	56	50	46	55	50	46	55	50	46	54	49	46	46	46	46	44

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	199761	199761	199761
5°	190082	189581	190082
10°	164089	163582	163337
15°	133171	130086	130603
20°	102598	98107	99958
25°	77930	72191	75745
30°	57810	52660	56100
35°	40851	38117	40241
40°	28148	28148	27496
45°	20678	21726	20678
50°	18112	18112	18112
55°	17295	16845	17295
60°	17842	16361	17842
65°	19357	16423	19357
70°	23213	16667	23213
75°	29678	18166	29678
80°	37093	18546	35704
85°	28455	16994	31221

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 80°
 Luminance: 37093 cd/sqm



TEST NUMBER: P1324024

CATALOG NUMBER: LDSQA3D17R209030D2WDE010 3LSQPHRLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	99.5	12.2
10°-20°	203.2	24.8
20°-30°	181.4	22.2
30°-40°	119.0	14.6
40°-50°	69.2	8.5
50°-60°	51.4	6.3
60°-70°	43.4	5.3
70°-80°	35.8	4.4
80°-90°	14.9	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°	484.1	59.2
0°-40°	603.2	73.7
0°-60°	723.8	88.5
0°-90°	818.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	818.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1160	1160	1160	1160	1160	
5°	1100	1098	1097	1098	1100	100
15°	747	740	730	731	732	206
25°	410	399	380	390	399	189
35°	194	188	181	187	191	124
45°	85	86	89	86	85	68
55°	58	56	56	56	58	52
65°	48	43	40	43	48	47
75°	45	33	27	33	45	46
85°	14	16	9	16	16	17
90°	0	0	0	0	0	



TEST NUMBER: P1324024

CATALOG NUMBER: LDSQA3D17R209030D2WDE010 3LSQPHRLP1MW

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1159.9	1159.9	1159.9	1159.9	1159.9
1°	1157.0	1158.5	1157.0	1158.5	1159.9
2°	1149.8	1151.3	1149.8	1149.8	1151.3
3°	1135.5	1136.9	1136.9	1136.9	1138.3
4°	1118.2	1119.6	1118.2	1119.6	1121.1
5°	1099.5	1098.0	1096.6	1098.0	1099.5
6°	1073.6	1072.1	1070.7	1072.1	1073.6
7°	1044.8	1043.4	1041.9	1041.9	1043.4
8°	1008.8	1010.3	1005.9	1008.8	1010.3
9°	977.2	974.3	971.4	971.4	974.3
10°	938.3	935.4	935.4	934.0	934.0
12.5°	843.3	837.6	833.2	833.2	834.7
15°	746.9	739.7	729.6	731.1	732.5
17.5°	650.5	641.8	628.9	631.8	634.6
20°	559.8	551.2	535.3	541.1	545.4
22.5°	482.1	469.1	454.8	459.1	473.5
25°	410.1	398.6	379.9	390.0	398.6
27.5°	346.8	333.9	318.0	328.1	336.8
30°	290.7	279.2	264.8	273.4	282.1
32.5°	240.3	230.3	220.2	225.9	233.1
35°	194.3	188.5	181.3	187.1	191.4
37.5°	156.9	154.0	151.1	154.0	152.5
40°	125.2	126.6	125.2	125.2	122.3
42.5°	99.3	103.6	105.1	102.2	99.3
45°	84.9	86.3	89.2	86.3	84.9
47.5°	74.8	74.8	76.3	74.8	73.4
50°	67.6	67.6	67.6	67.6	67.6
52.5°	61.9	61.9	60.4	61.9	61.9
55°	57.6	56.1	56.1	56.1	57.6
57.5°	54.7	53.2	51.8	53.2	54.7
60°	51.8	48.9	47.5	48.9	51.8
62.5°	48.9	46.1	44.6	46.1	48.9
65°	47.5	43.2	40.3	43.2	47.5
67.5°	46.1	40.3	37.4	40.3	47.5
70°	46.1	37.4	33.1	38.9	46.1
72.5°	44.6	36.0	30.2	36.0	44.6
75°	44.6	33.1	27.3	33.1	44.6
77.5°	41.7	30.2	23.0	30.2	41.7
80°	37.4	27.3	18.7	27.3	36.0
82.5°	27.3	23.0	14.4	23.0	27.3
85°	14.4	15.8	8.6	15.8	15.8
87.5°	1.4	5.8	2.9	8.6	7.2
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)