

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: P1324009

Luminaire Tested: LDSQA3D17R159030D2WDE010 3LSQPHRLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1324009
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D17R159030D2WDE010 3LSQPHRLP1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R15 optic, 3000K CCT AND, 90CRI ,
3LSQPHRLP1MW TRIM
Light Source: -
Ballast/Driver: -

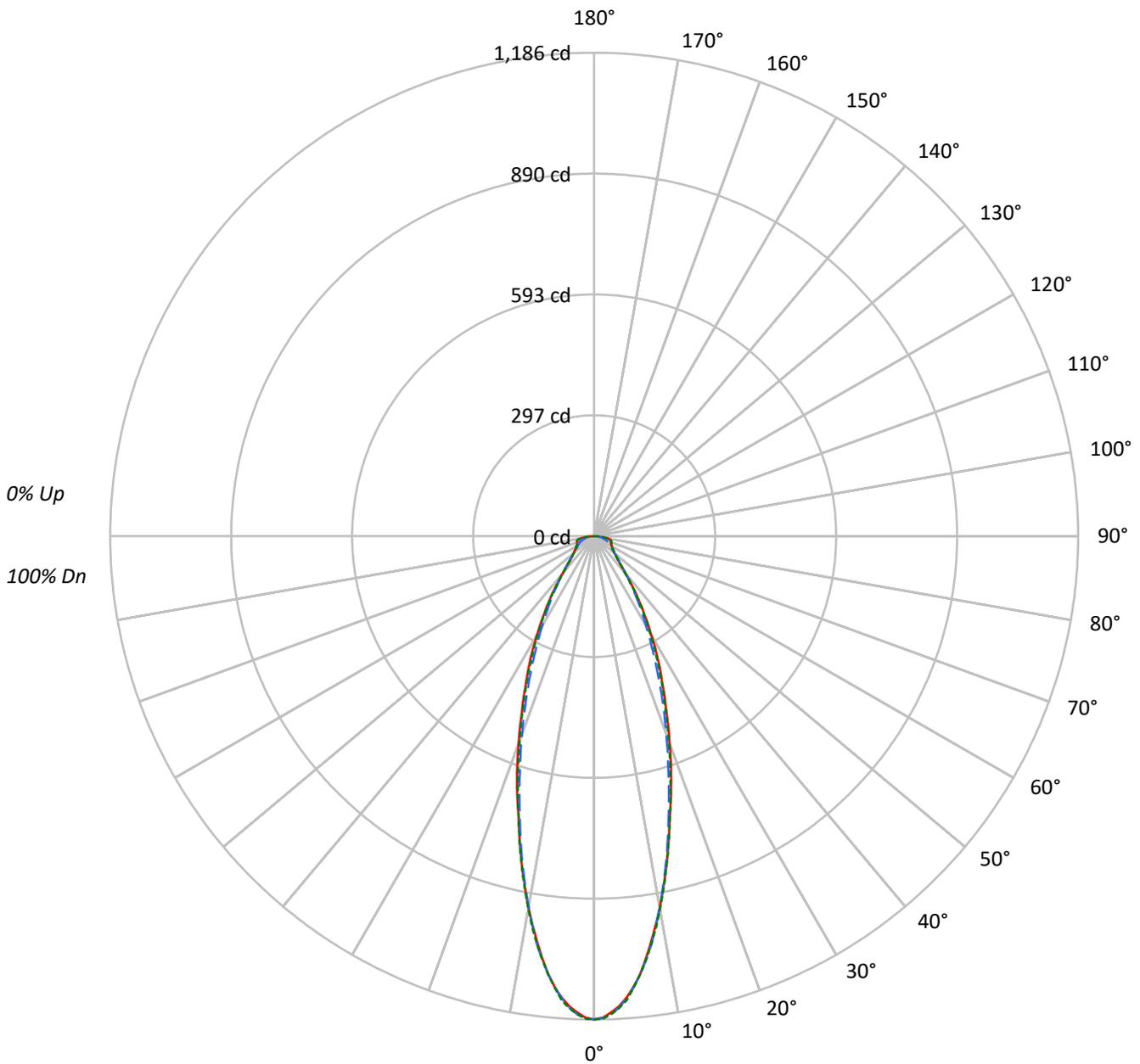
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 795.0 lumens
Efficiency: N/A
Efficacy: 29.1 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.63
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: P1324009
CATALOG NUMBER: LDSQA3D17R159030D2WDE010 3LSQPHRLP1MW

Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - - - 90°-270°



TEST NUMBER: P1324009

CATALOG NUMBER: LDSQA3D17R159030D2WDE010 3LSQPHRLP1MW

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				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	86	81	77	83	79	76	81	77	74	74	74	74	73
4	92	83	76	71	90	82	76	71	80	74	70	77	73	69	75	71	68	68	68	68	66
5	87	77	70	65	85	76	70	65	74	69	64	73	68	64	71	67	63	63	63	63	61
6	82	72	65	60	81	71	65	60	70	64	60	68	63	59	67	62	59	59	59	59	57
7	78	68	61	56	77	67	60	56	66	60	56	64	59	55	63	58	55	55	55	55	53
8	74	64	57	52	73	63	57	52	62	56	52	61	56	52	60	55	52	52	52	52	50
9	71	60	54	49	70	60	53	49	59	53	49	58	53	49	57	52	49	49	49	49	47
10	68	57	51	47	67	57	51	47	56	50	46	55	50	46	54	49	46	46	46	46	45

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	204239	204239	204239
5°	191811	192070	192070
10°	162026	161519	162533
15°	127430	125629	127697
20°	99042	94552	97722
25°	74756	69550	73654
30°	55583	50711	54449
35°	39694	36961	39085
40°	26889	27203	26574
45°	19996	21068	19996
50°	17362	17362	17362
55°	16875	16004	16875
60°	17360	15879	16878
65°	18786	16423	18786
70°	22508	16667	22508
75°	28746	17234	28746
80°	35704	18546	34316
85°	28455	16994	31419

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 80°
 Luminance: 35704 cd/sqm



TEST NUMBER: P1324009

CATALOG NUMBER: LDSQA3D17R159030D2WDE010 3LSQPHRLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	100.0	12.6
10°-20°	197.7	24.9
20°-30°	174.8	22.0
30°-40°	114.8	14.4
40°-50°	67.1	8.4
50°-60°	49.4	6.2
60°-70°	42.1	5.3
70°-80°	34.7	4.4
80°-90°	14.4	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°	472.5	59.4
0°-40°	587.3	73.9
0°-60°	703.8	88.5
0°-90°	795.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	795.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1186	1186	1186	1186	1186	
5°	1110	1110	1111	1112	1111	100
15°	715	715	705	713	716	200
25°	393	380	366	376	388	182
35°	189	182	176	180	186	119
45°	82	84	86	84	82	66
55°	56	55	53	55	56	51
65°	46	42	40	42	46	46
75°	43	32	26	33	43	44
85°	14	16	9	14	16	16
90°	0	0	0	0	0	



TEST NUMBER: P1324009

CATALOG NUMBER: LDSQA3D17R159030D2WDE010 3LSQPHRLP1MW

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1185.9	1185.9	1185.9	1185.9	1185.9
1°	1181.6	1183.0	1183.0	1184.5	1184.5
2°	1170.0	1172.9	1174.4	1174.4	1174.4
3°	1155.6	1157.1	1158.5	1160.0	1160.0
4°	1135.5	1136.9	1136.9	1139.8	1141.2
5°	1109.5	1109.5	1111.0	1112.4	1111.0
6°	1079.3	1079.3	1080.7	1080.7	1080.7
7°	1043.2	1044.7	1046.1	1047.6	1046.1
8°	1004.3	1005.8	1010.1	1010.1	1008.7
9°	965.4	966.9	966.9	971.2	971.2
10°	926.5	926.5	923.6	926.5	929.4
12.5°	821.3	819.9	815.6	819.9	822.8
15°	714.7	714.7	704.6	713.3	716.2
17.5°	628.3	615.3	605.2	613.8	621.0
20°	540.4	527.4	515.9	524.5	533.2
22.5°	461.1	451.0	436.6	445.3	455.3
25°	393.4	380.4	366.0	376.1	387.6
27.5°	337.2	319.9	305.5	317.0	327.1
30°	279.5	268.0	255.0	263.7	273.8
32.5°	230.6	221.9	211.8	219.0	227.7
35°	188.8	181.6	175.8	180.1	185.9
37.5°	151.3	148.4	145.5	147.0	147.0
40°	119.6	121.0	121.0	121.0	118.2
42.5°	98.0	99.4	102.3	99.4	98.0
45°	82.1	83.6	86.5	83.6	82.1
47.5°	72.0	73.5	74.9	72.0	72.0
50°	64.8	64.8	64.8	64.8	64.8
52.5°	60.5	59.1	59.1	59.1	60.5
55°	56.2	54.8	53.3	54.8	56.2
57.5°	51.9	50.4	49.0	50.4	51.9
60°	50.4	47.6	46.1	47.6	49.0
62.5°	47.6	44.7	43.2	44.7	47.6
65°	46.1	41.8	40.3	41.8	46.1
67.5°	44.7	38.9	36.0	38.9	44.7
70°	44.7	36.0	33.1	37.5	44.7
72.5°	43.2	34.6	28.8	34.6	43.2
75°	43.2	31.7	25.9	33.1	43.2
77.5°	40.3	28.8	21.6	30.3	40.3
80°	36.0	25.9	18.7	27.4	34.6
82.5°	25.9	21.6	14.4	21.6	25.9
85°	14.4	15.9	8.6	14.4	15.9
87.5°	1.4	4.3	2.9	8.6	7.2
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)