

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: P1318588

Luminaire Tested: LDSQA3D17R709830DE010 3LSQCLDWWR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1318588
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-45)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D17R709830DE010 3LSQCLDWWR1MW
Description: 3in Adjustable LED luminaire with, R70 optic, 3000K CCT AND, 98CRI , 3LSQCLDWWR1MW TR
Light Source: -
Ballast/Driver: -

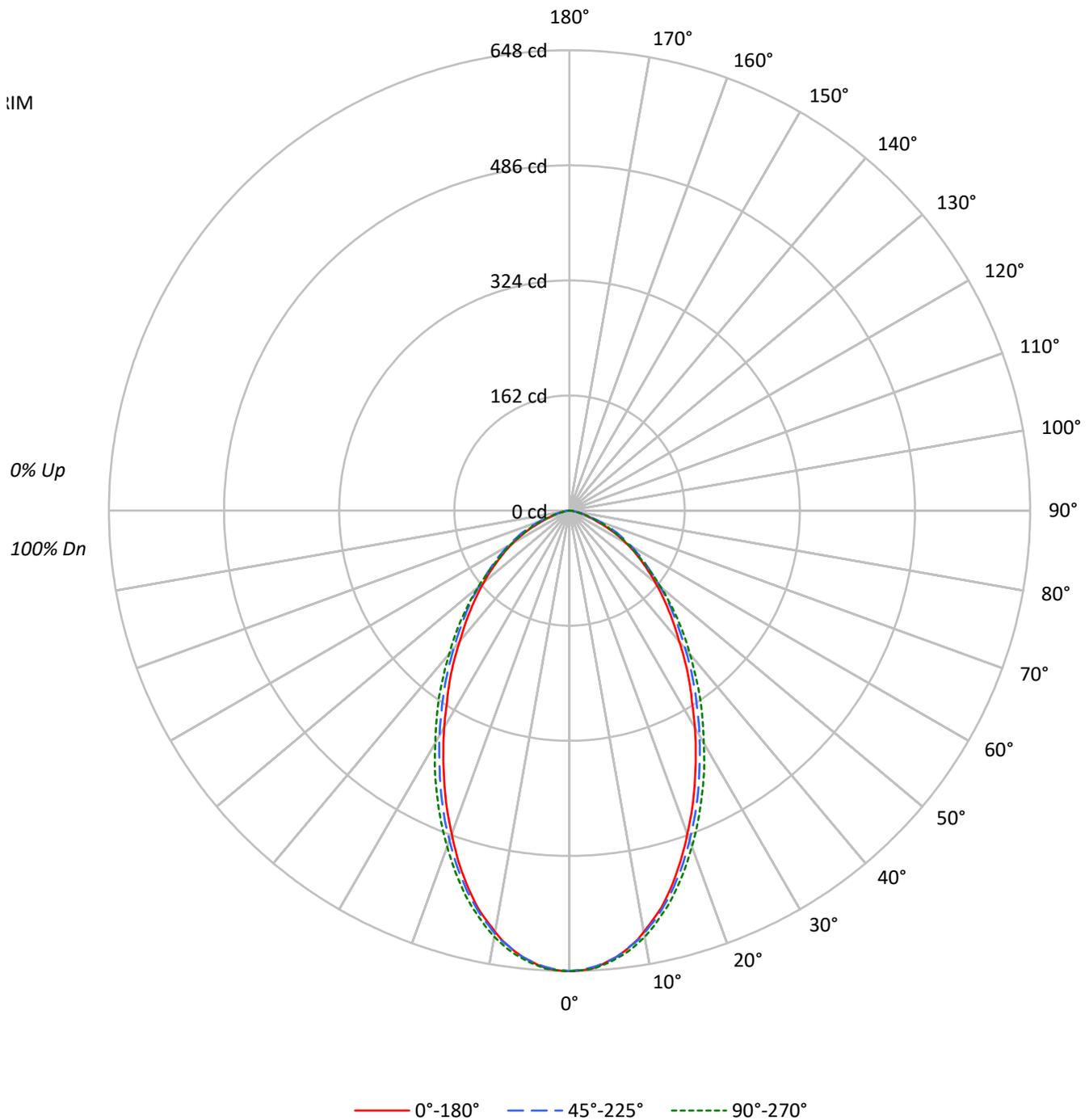
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 973.0 lumens
Efficiency: N/A
Efficacy: 47.7 lumens/watt
Spacing Criteria (0/90/45): 0.9 / 0.94 / 1.01
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
Input Voltage (V): NR
Input Current (A_{in}): 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: P1318588
CATALOG NUMBER: LDSQA3D17R709830DE010 3LSQCLDWWR1MW

Luminous Intensity Polar Plot





TEST NUMBER: P1318588

CATALOG NUMBER: LDSQA3D17R709830DE010 3LSQCLDWWR1MW

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	103	96	91	86	101	95	89	85	91	87	83	88	84	81	85	82	80	80	80	80	78
3	95	87	80	75	93	85	79	74	82	77	73	80	75	71	77	74	70	70	70	70	68
4	89	78	71	65	87	77	70	65	75	69	64	73	67	63	71	66	62	62	62	62	61
5	83	71	64	58	81	70	63	58	68	62	57	67	61	57	65	60	56	56	56	56	54
6	77	65	58	52	75	64	57	52	63	56	51	61	55	51	60	55	51	51	51	51	49
7	72	60	52	47	70	59	52	47	58	51	47	57	51	46	55	50	46	46	46	46	44
8	68	56	48	43	66	55	48	43	54	47	42	53	47	42	51	46	42	42	42	42	40
9	64	52	44	39	62	51	44	39	50	44	39	49	43	39	48	43	39	39	39	39	37
10	60	48	41	36	59	48	41	36	47	40	36	46	40	36	45	40	36	36	36	36	34

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	111600	111600	111600
5°	109987	109987	110401
10°	105295	105715	106537
15°	98135	98973	100239
20°	88797	90520	92261
25°	79336	81578	83802
30°	70160	72745	75072
35°	61812	64545	67257
40°	53934	56857	59218
45°	47835	50417	52122
50°	42226	44423	45066
55°	37082	39184	38133
60°	31999	34445	32826
65°	25388	29708	26855
70°	18379	23113	20142
75°	14107	14839	12510
80°	9323	9323	7042
85°	4742	4742	4742

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 45°
 Luminance: 52122 cd/sqm



TEST NUMBER: P1318588

CATALOG NUMBER: LDSQA3D17R709830DE010 3LSQCLDWWR1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	59.7	6.1
10°-20°	155.1	15.9
20°-30°	197.1	20.3
30°-40°	191.7	19.7
40°-50°	159.4	16.4
50°-60°	114.9	11.8
60°-70°	67.6	7.0
70°-80°	24.0	2.5
80°-90°	3.5	0.4
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°	411.9	42.3
0°-40°	603.6	62.0
0°-60°	877.9	90.2
0°-90°	973.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	973.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	648	648	648	648	648	
5°	636	635	636	636	639	60
15°	550	550	555	559	562	154
25°	418	422	429	438	441	192
35°	294	298	307	315	320	184
45°	196	200	207	212	214	152
55°	124	127	130	129	127	111
65°	62	67	73	69	66	62
75°	21	22	22	20	19	23
85°	2	2	2	2	2	4
90°	0	0	0	0	0	



TEST NUMBER: P1318588

CATALOG NUMBER: LDSQA3D17R709830DE010 3LSQCLDWWR1MW

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	648.0	648.0	648.0	648.0	648.0
1°	648.0	646.8	646.8	646.8	648.0
2°	646.8	645.7	645.7	645.7	646.8
3°	644.5	643.3	643.3	643.3	645.7
4°	641.0	638.6	639.8	639.8	642.1
5°	636.2	635.1	636.2	636.2	638.6
6°	631.5	630.4	631.5	631.5	633.9
7°	625.7	624.5	625.7	626.8	629.2
8°	618.6	617.4	618.6	619.8	623.3
9°	611.5	610.4	612.7	613.9	616.3
10°	602.1	602.1	604.5	605.7	609.2
11°	592.7	592.7	595.1	597.4	601.0
12°	583.3	583.3	586.9	589.2	591.6
13°	573.9	572.7	576.3	578.6	582.1
14°	562.2	561.0	565.7	569.2	572.7
15°	550.4	550.4	555.1	558.6	562.2
17.5°	518.6	519.8	525.7	530.4	533.9
20°	484.5	488.1	493.9	499.8	503.4
22.5°	451.6	454.0	462.2	469.2	472.8
25°	417.5	422.2	429.3	437.5	441.0
27.5°	384.6	389.3	396.3	404.6	410.4
30°	352.8	356.3	365.8	374.0	377.5
32.5°	321.1	325.8	335.2	343.4	348.1
35°	294.0	297.5	307.0	315.2	319.9
37.5°	267.0	270.5	279.9	287.0	290.5
40°	239.9	245.8	252.9	259.9	263.4
42.5°	217.6	222.3	229.3	235.2	238.7
45°	196.4	199.9	207.0	211.7	214.0
47.5°	176.4	179.9	187.0	189.3	190.5
50°	157.6	161.1	165.8	167.0	168.2
52.5°	140.0	142.3	147.0	147.0	145.8
55°	123.5	127.0	130.5	129.4	127.0
57.5°	108.2	109.4	115.3	112.9	110.5
60°	92.9	95.3	100.0	97.6	95.3
62.5°	77.6	80.0	85.9	83.5	80.0
65°	62.3	67.0	72.9	69.4	65.9
67.5°	47.0	52.9	58.8	55.3	52.9
70°	36.5	41.2	45.9	42.3	40.0
72.5°	28.2	30.6	32.9	30.6	28.2
75°	21.2	22.3	22.3	20.0	18.8
77.5°	15.3	16.5	14.1	11.8	11.8
80°	9.4	10.6	9.4	7.1	7.1
82.5°	4.7	5.9	4.7	4.7	4.7
85°	2.4	2.4	2.4	2.4	2.4
87.5°	1.2	1.2	1.2	1.2	1.2



TEST NUMBER: P1318588
CATALOG NUMBER: LDSQA3D17R709830DE010 3LSQCLDWWR1MW

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)