

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: P1316756

Luminaire Tested: LDSQA3D17R359740DE010 3LSQCDR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1316756
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-37)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D17R359740DE010 3LSQCDR1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 97CRI , 3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

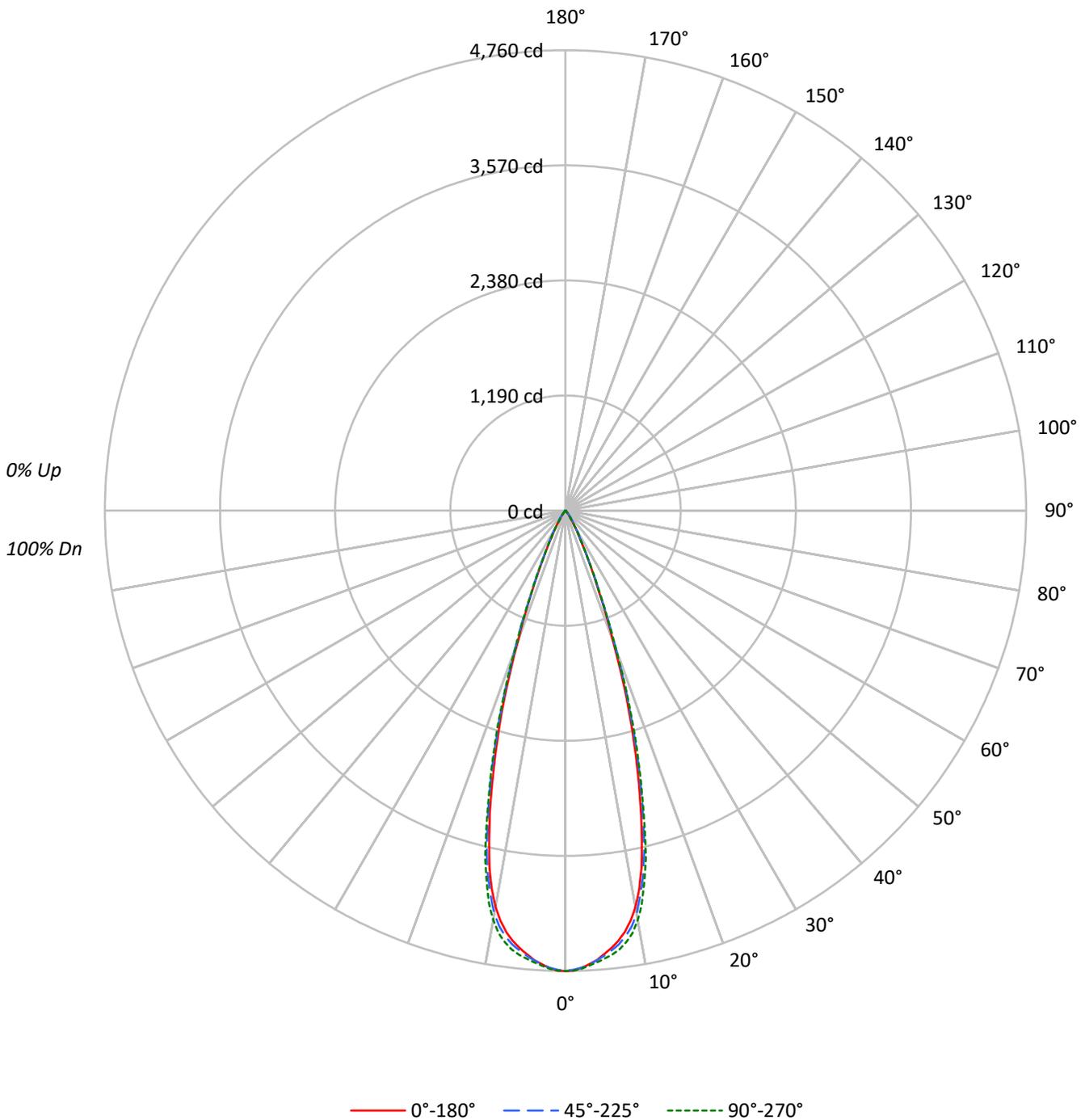
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1598.9 lumens
Efficiency: N/A
Efficacy: 75.4 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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: P1316756
CATALOG NUMBER: LDSQA3D17R359740DE010 3LSQCDR1MW

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	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	115	113	111	109	112	110	109	107	106	105	104	103	102	101	99	99	98	98	98	98	96
2	111	107	104	101	109	105	103	100	102	100	98	99	98	96	97	95	94	94	94	94	93
3	107	102	98	95	105	101	97	95	98	96	93	96	94	92	94	92	90	94	92	90	89
4	103	98	94	91	102	97	93	90	95	92	89	93	90	88	91	89	87	91	89	87	86
5	100	94	90	86	99	93	89	86	91	88	85	90	87	85	89	86	84	89	86	84	83
6	97	90	86	83	96	90	86	83	88	85	82	87	84	82	86	83	81	86	83	81	80
7	94	87	83	80	93	87	82	79	85	82	79	84	81	79	83	81	78	83	81	78	77
8	91	84	80	77	90	84	80	77	83	79	76	82	78	76	81	78	76	81	78	76	75
9	88	81	77	74	88	81	77	74	80	76	74	79	76	74	79	76	73	79	76	73	72
10	86	79	75	72	85	78	74	72	78	74	71	77	74	71	76	73	71	76	73	71	70

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	819814	819814	819814
5°	795562	798362	803756
10°	727726	740387	751737
15°	522377	541509	547072
20°	262762	278084	278762
25°	99593	102671	103146
30°	40449	46395	39694
35°	14696	22307	14171
40°	6183	9532	5890
45°	1510	3946	1510
50°	991	1661	991
55°	1111	1111	1111
60°	1274	1274	1274
65°	1019	1019	1019
70°	604	604	604
75°	799	799	799
80°	1190	1190	1190
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°
 Vertical Angle: 45°
 Luminance: 3946 cd/sqm



TEST NUMBER: P1316756

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	430.4	26.9
10°-20°	801.8	50.1
20°-30°	288.4	18.0
30°-40°	60.6	3.8
40°-50°	10.4	0.7
50°-60°	3.4	0.2
60°-70°	2.5	0.2
70°-80°	1.3	0.1
80°-90°	0.2	0.0
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°	1520.6	95.1
0°-40°	1581.2	98.9
0°-60°	1595.0	99.8
0°-90°	1598.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1598.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4760	4760	4760	4760	4760	
5°	4602	4610	4618	4649	4649	426
15°	2930	2981	3037	3070	3068	780
25°	524	532	540	545	543	279
35°	70	82	106	81	67	53
45°	6	10	16	10	6	7
55°	4	4	4	4	4	3
65°	2	2	2	2	2	2
75°	1	1	1	1	1	1
85°	0	0	0	0	0	0
90°	0	0	0	0	0	0



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 CATALOG NUMBER: LDSQA3D17R359740DE010 3LSQCDR1MW

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	4760.2	4760.2	4760.2	4760.2	4760.2
1°	4757.7	4757.7	4747.8	4759.0	4755.3
2°	4731.5	4734.0	4727.8	4741.5	4740.3
3°	4695.4	4701.6	4696.6	4716.6	4710.3
4°	4656.7	4661.7	4659.2	4684.1	4681.6
5°	4601.8	4610.5	4618.0	4649.2	4649.2
6°	4545.6	4554.4	4570.6	4604.3	4615.5
7°	4480.7	4492.0	4518.2	4563.1	4570.6
8°	4398.4	4410.9	4447.1	4495.7	4505.7
9°	4296.1	4314.8	4356.0	4414.6	4420.9
10°	4161.3	4176.3	4233.7	4282.3	4298.6
11°	3986.6	3999.1	4050.3	4128.9	4138.9
12°	3774.5	3789.5	3855.6	3906.8	3916.8
13°	3506.2	3534.9	3614.8	3664.7	3692.2
14°	3230.5	3269.2	3326.6	3397.7	3380.2
15°	2929.8	2980.9	3037.1	3069.5	3068.3
17.5°	2192.3	2222.3	2272.2	2290.9	2315.9
20°	1433.7	1472.4	1517.3	1534.8	1521.0
22.5°	889.7	899.6	913.4	920.9	918.4
25°	524.1	531.6	540.3	545.3	542.8
27.5°	315.7	333.2	345.6	330.7	321.9
30°	203.4	210.9	233.3	213.4	199.6
32.5°	121.0	138.5	157.2	133.5	116.0
35°	69.9	82.4	106.1	81.1	67.4
37.5°	44.9	51.2	68.6	49.9	43.7
40°	27.5	34.9	42.4	32.4	26.2
42.5°	13.7	21.2	25.0	18.7	13.7
45°	6.2	10.0	16.2	10.0	6.2
47.5°	3.7	5.0	10.0	5.0	3.7
50°	3.7	3.7	6.2	3.7	3.7
52.5°	3.7	3.7	3.7	3.7	3.7
55°	3.7	3.7	3.7	3.7	3.7
57.5°	3.7	3.7	3.7	3.7	3.7
60°	3.7	3.7	3.7	3.7	3.7
62.5°	2.5	2.5	2.5	2.5	2.5
65°	2.5	2.5	2.5	2.5	2.5
67.5°	2.5	2.5	2.5	2.5	2.5
70°	1.2	1.2	1.2	1.2	1.2
72.5°	1.2	1.2	1.2	1.2	1.2
75°	1.2	1.2	1.2	1.2	1.2
77.5°	1.2	1.2	1.2	1.2	1.2
80°	1.2	1.2	1.2	1.2	1.2
82.5°	1.2	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P1316756
CATALOG NUMBER: LDSQA3D17R359740DE010 3LSQCDR1MW

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)