

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: P1319111

Luminaire Tested: LDSQA3D09R359835DE010 3LSQPHRLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1319111
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D09R359835DE010 3LSQPHRLP1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 98CRI , 3LSQPHRLP1MW TRIM
Light Source: -
Ballast/Driver: -

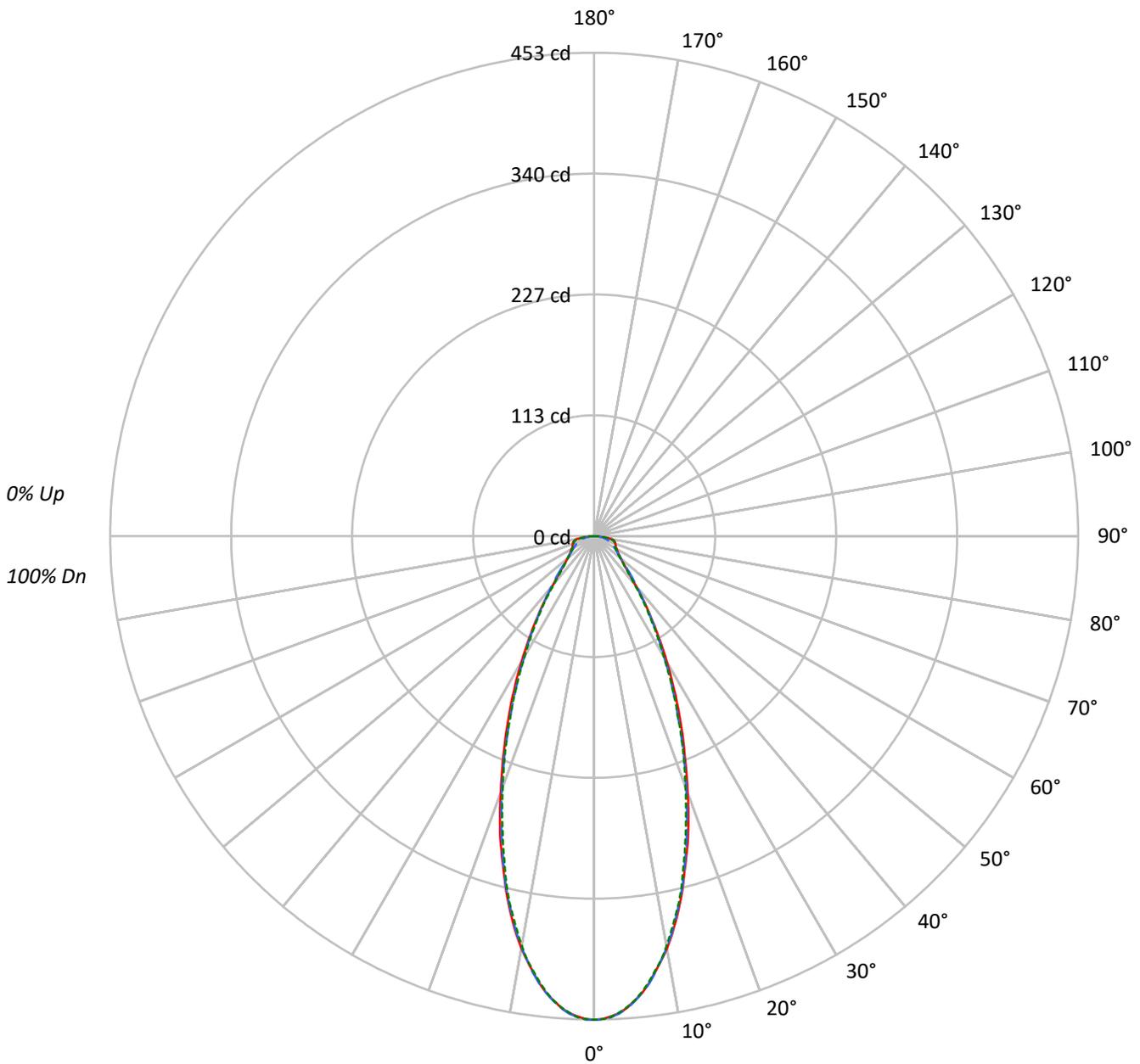
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 375.0 lumens
Efficiency: N/A
Efficacy: 34.1 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.68 / 0.73
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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

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Luminous Intensity Polar Plot



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



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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	111	107	104	101	109	105	102	99	101	99	96	97	95	93	94	92	91	91	91	91	89
2	104	98	92	88	101	96	91	87	92	88	85	89	86	83	86	84	81	81	81	81	79
3	97	89	83	78	95	88	82	77	85	80	76	82	78	75	80	77	74	74	74	74	72
4	92	82	75	70	90	81	75	70	79	73	69	77	72	68	75	71	67	67	67	67	65
5	86	76	69	64	84	75	69	64	73	68	63	72	67	63	70	65	62	62	62	62	60
6	82	71	64	59	80	70	64	59	69	63	58	67	62	58	66	61	57	57	57	57	56
7	77	66	60	55	76	66	59	54	64	58	54	63	58	54	62	57	54	54	54	54	52
8	73	62	56	51	72	62	55	51	61	55	51	60	54	50	59	54	50	50	50	50	49
9	70	59	52	48	68	58	52	48	57	52	47	56	51	47	55	51	47	47	47	47	46
10	66	56	49	45	65	55	49	45	54	49	45	53	48	45	53	48	44	44	44	44	43

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	78051	78051	78051
5°	75497	75601	75497
10°	68588	68483	68185
15°	58214	58018	57501
20°	46864	46240	45819
25°	36238	35155	35155
30°	27026	26111	25892
35°	19448	19195	18733
40°	13602	13984	13085
45°	10156	10717	9864
50°	8708	8708	8574
55°	8227	7897	8047
60°	8439	7681	8060
65°	9088	7661	8843
70°	10625	8057	10373
75°	13308	8384	12909
80°	16960	9025	15274
85°	13635	9090	13635

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 80°
 Luminance: 16960 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	40.3	10.7
10°-20°	89.8	24.0
20°-30°	85.8	22.9
30°-40°	57.6	15.4
40°-50°	33.8	9.0
50°-60°	24.2	6.4
60°-70°	20.1	5.4
70°-80°	16.5	4.4
80°-90°	6.8	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°	215.9	57.6
0°-40°	273.5	72.9
0°-60°	331.6	88.4
0°-90°	375.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	375.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	453	453	453	453	453	
5°	437	438	437	437	437	40
15°	326	327	325	323	322	90
25°	191	188	185	185	185	87
35°	92	92	91	90	89	59
45°	42	43	44	42	40	33
55°	27	27	26	26	27	25
65°	22	20	19	20	22	22
75°	20	15	13	15	19	21
85°	7	7	5	7	7	8
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	453.2	453.2	453.2	453.2	453.2
1°	452.7	453.2	453.2	452.7	452.7
2°	450.4	451.5	451.0	450.4	451.0
3°	447.5	448.7	448.1	447.5	447.0
4°	443.0	444.1	443.5	442.4	442.4
5°	436.7	437.8	437.3	436.7	436.7
6°	430.4	431.6	430.4	429.3	429.3
7°	421.8	423.6	422.4	421.3	420.7
8°	412.1	413.9	412.7	412.1	411.0
9°	402.4	403.6	401.9	401.9	401.9
10°	392.2	392.7	391.6	389.9	389.9
11°	380.7	380.2	379.6	378.5	377.3
12°	368.2	368.2	366.5	365.3	364.8
13°	355.1	354.5	353.3	352.2	352.2
14°	341.4	341.4	340.2	337.9	338.5
15°	326.5	327.1	325.4	323.1	322.5
17.5°	292.8	291.7	288.8	287.1	285.4
20°	255.7	255.2	252.3	250.6	250.0
22.5°	221.5	220.9	218.1	216.3	217.5
25°	190.7	188.4	185.0	185.0	185.0
27.5°	162.1	159.3	157.0	155.8	157.0
30°	135.9	133.6	131.3	130.7	130.2
32.5°	112.5	111.3	110.2	108.5	108.5
35°	92.5	92.5	91.3	89.6	89.1
37.5°	75.4	75.9	75.4	73.6	73.1
40°	60.5	61.7	62.2	60.5	58.2
42.5°	49.7	51.4	52.5	49.7	48.0
45°	41.7	42.8	44.0	41.7	40.5
47.5°	36.5	37.1	37.7	36.0	35.4
50°	32.5	32.5	32.5	32.0	32.0
52.5°	29.7	29.7	29.1	28.5	28.5
55°	27.4	26.8	26.3	26.3	26.8
57.5°	25.7	25.1	24.0	24.5	25.1
60°	24.5	23.4	22.3	22.8	23.4
62.5°	22.8	21.7	20.6	21.1	22.3
65°	22.3	20.0	18.8	20.0	21.7
67.5°	21.7	18.8	17.1	18.8	21.1
70°	21.1	17.7	16.0	17.7	20.6
72.5°	20.6	16.6	14.3	16.6	20.0
75°	20.0	15.4	12.6	15.4	19.4
77.5°	18.8	14.3	10.8	14.3	17.7
80°	17.1	13.1	9.1	12.6	15.4
82.5°	12.6	10.8	7.4	10.8	11.4
85°	6.9	7.4	4.6	7.4	6.9
87.5°	0.6	1.1	1.1	3.4	2.3



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CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)