

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: P1323890

Luminaire Tested: LDSQA3D13R259030D2WDE010 3LSQPHR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323890
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D13R259030D2WDE010 3LSQPHR1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,
3LSQPHR1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

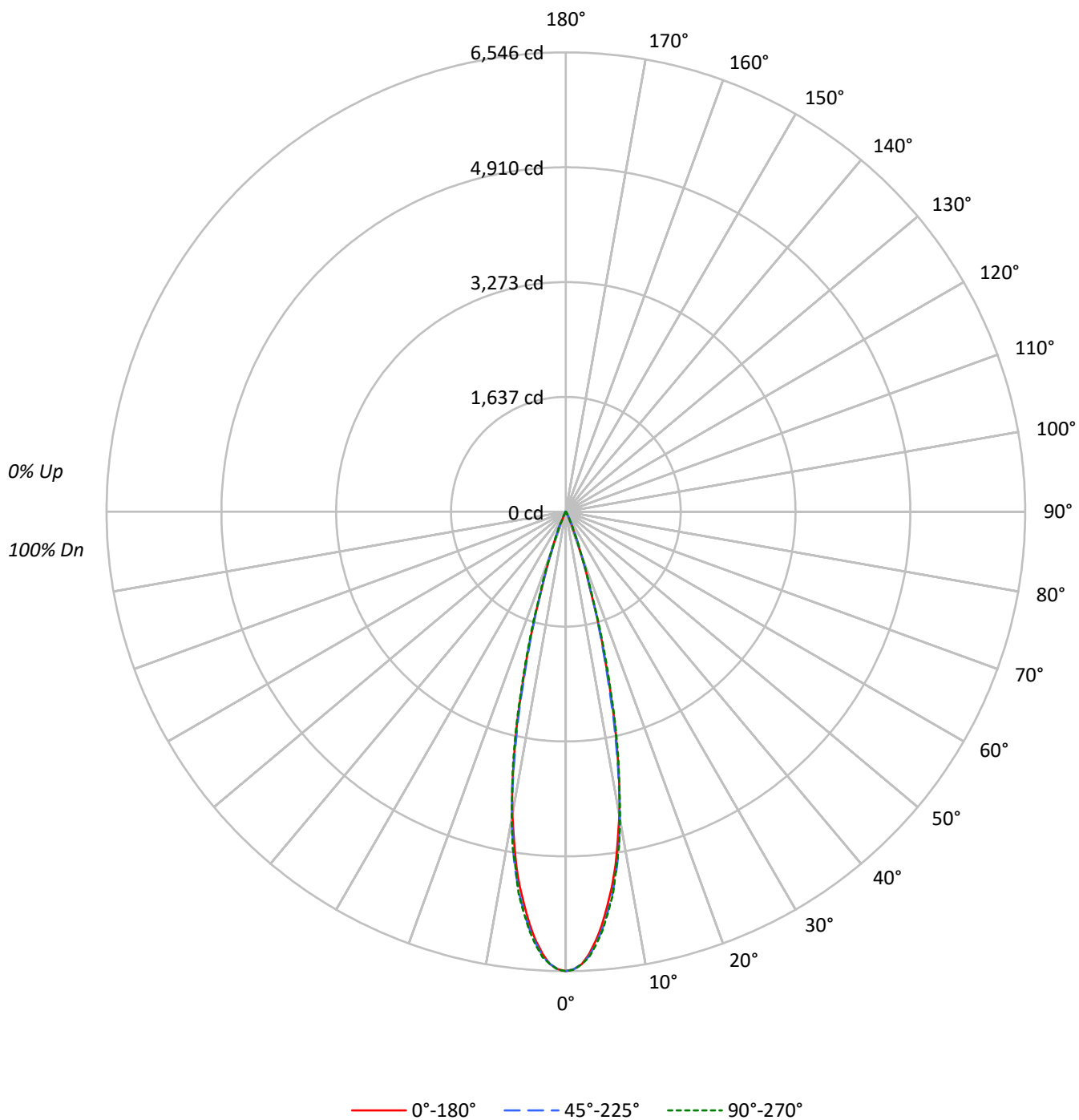
Lumens per Lamp: N/A
Luminaire Lumens: 1208.0 lumens
Efficiency: N/A
Efficacy: 60.1 lumens/watt
Spacing Criteria (0/90/45): 0.43 / 0.43 / 0.4
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.1
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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	115	113	112	110	113	111	110	108	107	106	105		104	103	102		100
2	112	109	106	104	110	107	105	103	104	102	101		101	100	98		99
3	109	105	102	99	107	104	101	98	101	99	97		99	97	95		97
4	106	101	98	95	105	100	97	95	99	96	94		97	94	93		95
5	104	98	95	92	102	98	94	92	96	93	91		95	92	90		93
6	101	96	92	89	100	95	92	89	94	91	89		93	90	88		91
7	99	93	89	87	98	93	89	87	92	89	86		91	88	86		90
8	97	91	87	85	96	90	87	85	90	86	84		89	86	84		88
9	95	89	85	83	94	88	85	83	88	85	82		87	84	82		86
10	93	87	83	81	92	86	83	81	86	83	81		85	82	80		85

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	1127301	1127301	1127301
5°	1021551	1030869	1035883
10°	767966	773422	777007
15°	380256	368916	393504
20°	107381	109159	110350
25°	18623	35212	22100
30°	7278	7497	7716
35°	2271	2481	2481
40°	719	967	719
45°	536	268	536
50°	295	0	295
55°	330	0	330
60°	0	0	0
65°	0	0	0
70°	0	0	0
75°	0	0	0
80°	0	0	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 536 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	520.0	43.0
10°-20°	586.4	48.5
20°-30°	91.0	7.5
30°-40°	9.2	0.8
40°-50°	1.3	0.1
50°-60°	0.2	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
80°-90°	0.0	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°	1197.3	99.1
0°-40°	1206.5	99.9
0°-60°	1208.0	100.0
0°-90°	1208.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1208.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	6546	6546	6546	6546	6546	
5°	5909	5920	5963	5987	5992	515
15°	2133	2118	2069	2162	2207	584
25°	98	145	185	141	116	82
35°	11	12	12	13	12	9
45°	2	1	1	1	2	1
55°	1	0	0	0	1	1
65°	0	0	0	0	0	0
75°	0	0	0	0	0	0
85°	0	0	0	0	0	0
90°	0	0	0	0	0	0

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	6545.6	6545.6	6545.6	6545.6	6545.6
1°	6518.6	6527.3	6517.6	6528.3	6527.3
2°	6450.8	6459.4	6447.6	6454.0	6454.0
3°	6311.8	6330.2	6340.9	6348.5	6354.9
4°	6128.7	6149.2	6165.4	6184.7	6184.7
5°	5909.0	5919.8	5962.9	5986.6	5991.9
6°	5647.3	5690.4	5722.7	5770.1	5741.0
7°	5385.5	5421.1	5466.3	5473.9	5494.3
8°	5088.2	5125.9	5168.0	5160.4	5143.2
9°	4726.3	4781.3	4830.8	4814.7	4836.2
10°	4391.4	4424.8	4422.6	4406.4	4443.1
11°	4002.5	4010.1	3968.1	4033.8	3993.9
12°	3541.5	3548.0	3494.1	3558.8	3599.7
13°	3099.9	3084.8	3010.5	3095.6	3147.3
14°	2591.5	2596.9	2502.1	2666.9	2654.0
15°	2132.7	2117.6	2069.1	2161.8	2207.0
17.5°	1136.3	1146.0	1134.2	1180.5	1209.6
20°	585.9	602.1	595.6	615.0	602.1
22.5°	303.7	326.4	332.8	317.7	276.8
25°	98.0	145.4	185.3	141.1	116.3
27.5°	59.2	58.2	90.5	62.5	63.5
30°	36.6	35.5	37.7	37.7	38.8
32.5°	20.5	21.5	20.5	22.6	21.5
35°	10.8	11.8	11.8	12.9	11.8
37.5°	6.5	7.5	7.5	7.5	6.5
40°	3.2	4.3	4.3	3.2	3.2
42.5°	2.2	2.2	2.2	2.2	2.2
45°	2.2	1.1	1.1	1.1	2.2
47.5°	1.1	1.1	0.0	1.1	1.1
50°	1.1	1.1	0.0	1.1	1.1
52.5°	1.1	0.0	0.0	0.0	1.1
55°	1.1	0.0	0.0	0.0	1.1
57.5°	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	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



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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)