

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: IRiS

Report Number: P1308784

Luminaire Tested: P3SQAS05R259035DE010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1308784
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS05R259035DE010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 90CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

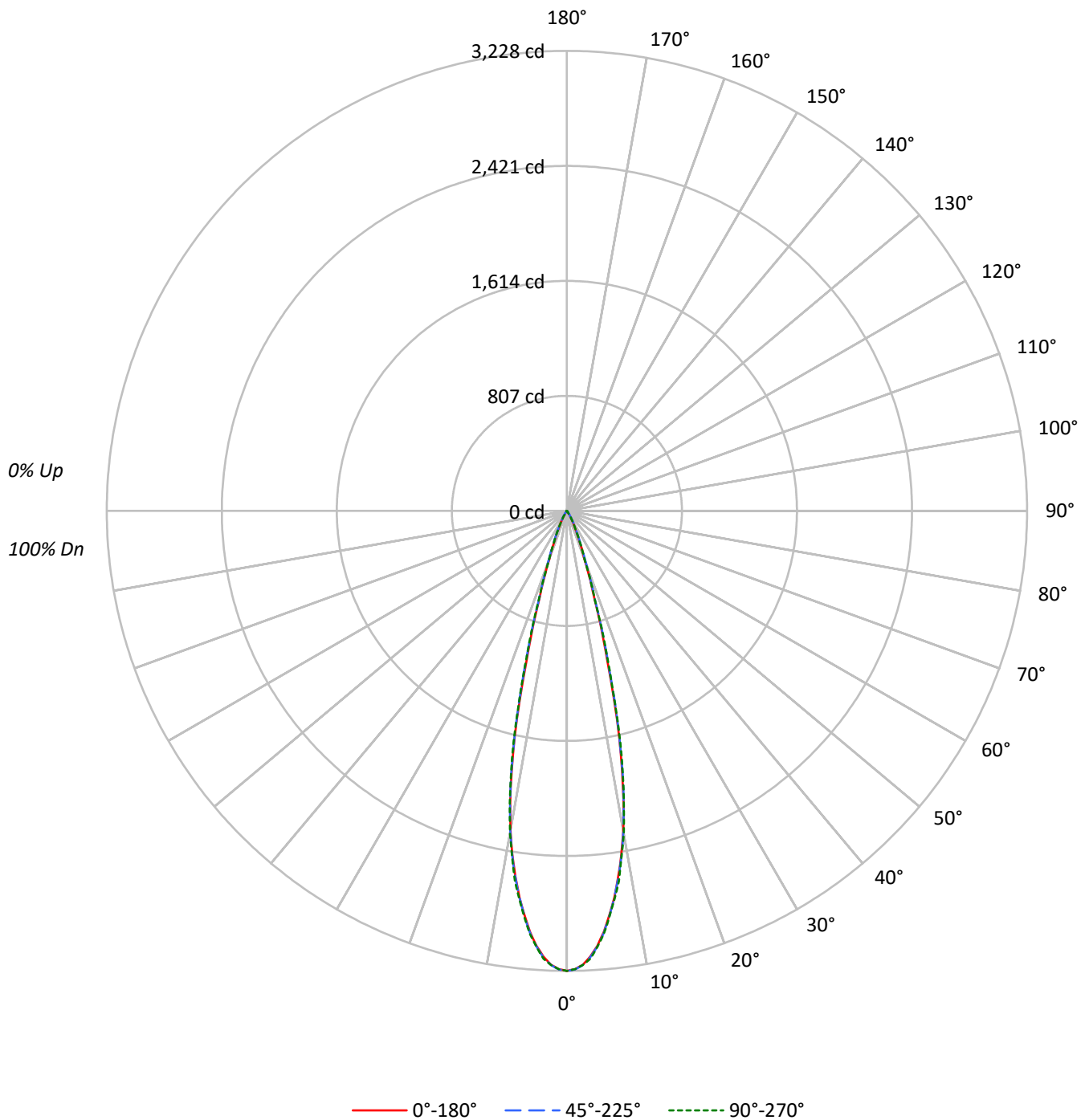
Lumens per Lamp: N/A
Luminaire Lumens: 672.0 lumens
Efficiency: N/A
Efficacy: 93.3 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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: P1308784

CATALOG NUMBER: P3SQAS05R259035DE010 E3SQCD1MB

Luminous Intensity Polar Plot



TEST NUMBER: P1308784

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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	111	110	113	111	110	108	107	106	105		103	103	102		100
2	112	108	105	103	110	107	104	102	104	102	100		101	99	98		98
3	108	104	101	98	107	103	100	97	100	98	96		98	96	94		96
4	105	100	97	94	104	99	96	93	97	95	92		96	93	91		94
5	103	97	93	90	101	96	93	90	95	92	89		93	91	89		92
6	100	94	90	87	99	93	90	87	92	89	87		91	88	86		90
7	97	91	87	85	96	91	87	84	90	86	84		89	86	84		88
8	95	89	85	82	94	88	85	82	87	84	82		87	84	82		86
9	93	86	83	80	92	86	82	80	85	82	80		85	82	80		84
10	91	84	81	78	90	84	80	78	83	80	78		83	80	78		82

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	556004	556004	556004
5°	512677	513835	514907
10°	398061	399495	401663
15°	196716	204989	205078
20°	66236	70671	67555
25°	27440	30461	28219
30°	10759	13543	10858
35°	2817	5529	2922
40°	1034	2203	1034
45°	122	633	122
50°	0	134	0
55°	0	0	0
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: 45°

Vertical Angle: 45°

Luminance: 633 cd/sqm

TEST NUMBER: P1308784

CATALOG NUMBER: P3SQAS05R259035DE010 E3SQCD1MB

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	261.6	38.9
10°-20°	316.4	47.1
20°-30°	77.3	11.5
30°-40°	15.0	2.2
40°-50°	1.7	0.3
50°-60°	0.0	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°	655.3	97.5
0°-40°	670.3	99.7
0°-60°	672.0	100.0
0°-90°	672.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	672.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3228	3228	3228	3228	3228	
5°	2966	2970	2972	2985	2978	261
15°	1103	1130	1150	1161	1150	311
25°	144	152	160	154	148	73
35°	13	19	26	19	14	12
45°	0	2	3	2	0	1
55°	0	0	0	0	0	0
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

TEST NUMBER: P1308784

CATALOG NUMBER: P3SQAS05R259035DE010 E3SQCD1MB

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	3228.4	3228.4	3228.4	3228.4	3228.4
1°	3216.0	3218.1	3218.6	3221.7	3215.5
2°	3186.6	3187.2	3188.7	3194.9	3189.2
3°	3132.5	3136.1	3136.6	3144.9	3146.4
4°	3058.8	3060.8	3065.0	3078.9	3066.5
5°	2965.5	2969.6	2972.2	2985.1	2978.4
6°	2850.0	2851.0	2856.7	2871.6	2862.4
7°	2732.4	2731.9	2732.4	2744.3	2741.7
8°	2590.7	2588.1	2596.3	2610.8	2620.6
9°	2442.7	2446.3	2451.5	2465.4	2454.0
10°	2276.2	2286.0	2284.4	2285.4	2296.8
11°	2084.4	2087.5	2088.0	2098.8	2097.3
12°	1859.1	1859.1	1876.1	1893.6	1888.0
13°	1631.7	1647.7	1636.4	1640.0	1662.7
14°	1366.7	1379.1	1394.6	1409.0	1397.7
15°	1103.3	1129.6	1149.7	1161.0	1150.2
17.5°	632.1	640.8	657.8	659.9	653.2
20°	361.4	372.2	385.6	381.5	368.6
22.5°	227.4	230.5	243.9	237.2	234.1
25°	144.4	152.1	160.3	153.6	148.5
27.5°	89.7	94.9	103.6	96.4	90.7
30°	54.1	58.8	68.1	58.3	54.6
32.5°	28.4	35.1	42.8	35.6	28.4
35°	13.4	19.1	26.3	19.1	13.9
37.5°	8.2	10.3	16.0	10.3	8.2
40°	4.6	6.7	9.8	6.7	4.6
42.5°	2.1	3.6	4.6	3.6	2.6
45°	0.5	1.5	2.6	1.5	0.5
47.5°	0.0	0.0	1.5	0.5	0.0
50°	0.0	0.0	0.5	0.0	0.0
52.5°	0.0	0.0	0.0	0.0	0.0
55°	0.0	0.0	0.0	0.0	0.0
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



TEST NUMBER: P1308784

CATALOG NUMBER: P3SQAS05R259035DE010 E3SQCD1MB

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)