

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: P1319440

Luminaire Tested: P3SQAS02R25B2750DE010 E3SQCD1MB_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1319440
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: P3SQAS02R25B2750DE010 E3SQCD1MB_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

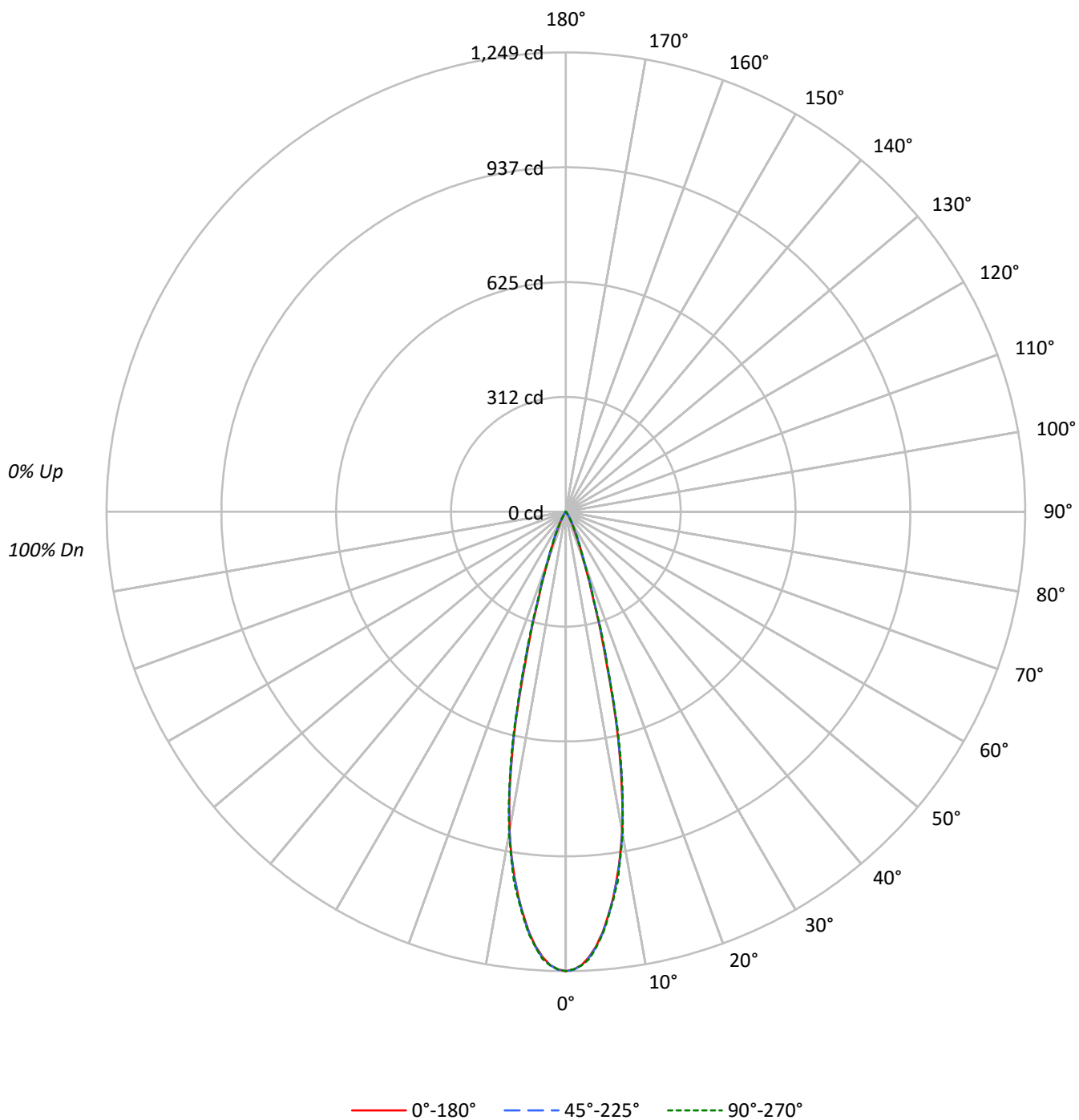
Lumens per Lamp: N/A
Luminaire Lumens: 260.0 lumens
Efficiency: N/A
Efficacy: 89.7 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 2.9
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				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		0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102		100
1	115	113	111	110	113	111	110	108	107	106	105		103	103	102		100	99	99		97
2	112	108	105	103	110	107	104	102	104	102	100		101	99	98		98	97	96		94
3	108	104	101	98	107	103	100	97	100	98	96		98	96	94		96	94	93		92
4	105	100	97	94	104	99	96	93	97	95	92		96	93	91		94	92	90		89
5	103	97	93	90	101	96	93	90	95	92	89		93	91	89		92	90	88		87
6	100	94	90	87	99	93	90	87	92	89	87		91	88	86		90	87	85		84
7	97	91	87	85	96	91	87	84	90	86	84		89	86	84		88	85	83		82
8	95	89	85	82	94	88	85	82	87	84	82		87	84	82		86	83	81		80
9	93	86	83	80	92	86	82	80	85	82	80		85	82	80		84	81	79		78
10	91	84	81	78	90	84	80	78	83	80	78		83	80	78		82	79	77		77

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	215123	215123	215123
5°	198363	198795	199210
10°	154016	154576	155398
15°	76115	79307	79343
20°	25622	27345	26135
25°	10622	11782	10908
30°	4156	5230	4196
35°	1093	2144	1135
40°	405	854	405
45°	49	244	49
50°	0	54	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: 244 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	101.2	38.9
10°-20°	122.4	47.1
20°-30°	29.9	11.5
30°-40°	5.8	2.2
40°-50°	0.7	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°	253.5	97.5
0°-40°	259.3	99.7
0°-60°	260.0	100.0
0°-90°	260.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	260.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1249	1249	1249	1249	1249	
5°	1147	1149	1150	1155	1152	101
15°	427	437	445	449	445	120
25°	56	59	62	59	57	28
35°	5	7	10	7	5	5
45°	0	1	1	1	0	0
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	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1249.1	1249.1	1249.1	1249.1	1249.1
1°	1244.3	1245.1	1245.3	1246.5	1244.1
2°	1232.9	1233.1	1233.7	1236.1	1233.9
3°	1212.0	1213.4	1213.6	1216.8	1217.4
4°	1183.5	1184.3	1185.9	1191.2	1186.4
5°	1147.4	1148.9	1149.9	1154.9	1152.3
6°	1102.7	1103.1	1105.3	1111.0	1107.5
7°	1057.2	1057.0	1057.2	1061.8	1060.8
8°	1002.3	1001.3	1004.5	1010.1	1013.9
9°	945.1	946.5	948.5	953.9	949.5
10°	880.7	884.5	883.9	884.3	888.6
11°	806.5	807.7	807.9	812.0	811.4
12°	719.3	719.3	725.9	732.7	730.5
13°	631.3	637.5	633.1	634.5	643.3
14°	528.8	533.6	539.6	545.2	540.8
15°	426.9	437.0	444.8	449.2	445.0
17.5°	244.6	247.9	254.5	255.3	252.7
20°	139.8	144.0	149.2	147.6	142.6
22.5°	88.0	89.2	94.3	91.8	90.6
25°	55.9	58.8	62.0	59.4	57.4
27.5°	34.7	36.7	40.1	37.3	35.1
30°	20.9	22.7	26.3	22.5	21.1
32.5°	11.0	13.6	16.6	13.8	11.0
35°	5.2	7.4	10.2	7.4	5.4
37.5°	3.2	4.0	6.2	4.0	3.2
40°	1.8	2.6	3.8	2.6	1.8
42.5°	0.8	1.4	1.8	1.4	1.0
45°	0.2	0.6	1.0	0.6	0.2
47.5°	0.0	0.0	0.6	0.2	0.0
50°	0.0	0.0	0.2	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



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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)