

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: P1285448

Luminaire Tested: P3AS13R55B2750DE010 E3CD1MB_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1285448
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-36)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R55B2750DE010 E3CD1MB_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R55 optic, 3000K CCT AND, 90CRI , E3CD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

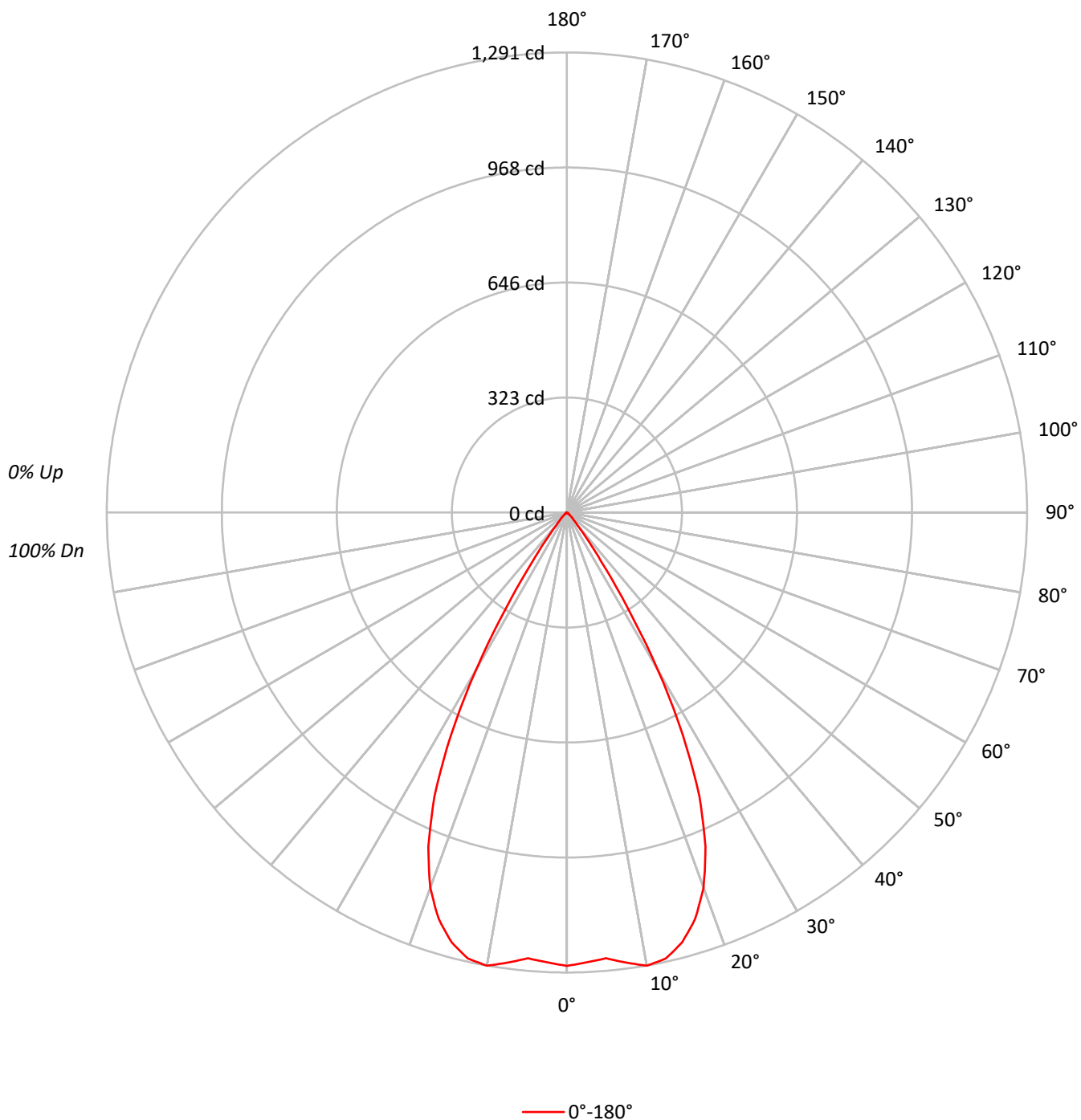
Lumens per Lamp: N/A
Luminaire Lumens: 1006.0 lumens
Efficiency: N/A
Efficacy: 52.7 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 19.1
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				20				20				20
RC	80				70				50				30				10				0				0				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0				0				0
RCR																													
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100											100
1	114	111	109	107	112	109	107	105	105	104	102	101	100	99	98	97	96	94											94
2	109	104	101	98	107	103	99	96	100	97	94	97	94	92	94	92	90	89											89
3	104	98	94	90	102	97	93	89	94	91	88	92	89	86	90	87	85	84											84
4	99	92	87	84	98	91	87	83	89	85	82	87	84	81	85	83	80	79											79
5	95	87	82	78	93	86	81	78	85	80	77	83	79	76	82	78	76	74											74
6	91	83	77	73	89	82	77	73	80	76	72	79	75	72	78	74	72	70											70
7	87	78	73	69	85	78	72	69	76	72	68	75	71	68	74	70	68	66											66
8	83	74	69	65	82	74	68	65	73	68	65	72	67	64	71	67	64	63											63
9	79	71	65	61	78	70	65	61	69	64	61	68	64	61	68	64	61	60											60
10	76	67	62	58	75	67	62	58	66	61	58	65	61	58	65	61	58	57											57

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	279013
5°	276425
10°	287525
15°	283543
20°	261473
25°	212746
30°	129210
35°	44731
40°	12767
45°	6109
50°	2593
55°	1147
60°	1316
65°	1193
70°	962
75°	1271
80°	1010
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 6109 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	121.4	12.1
10°-20°	347.1	34.5
20°-30°	387.0	38.5
30°-40°	126.6	12.6
40°-50°	16.7	1.7
50°-60°	3.5	0.3
60°-70°	2.1	0.2
70°-80°	1.3	0.1
80°-90°	0.3	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°	855.5	85.0
0°-40°	982.1	97.6
0°-60°	1002.3	99.6
0°-90°	1006.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1006.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1272	
5°	1256	121
15°	1249	347
25°	879	387
35°	167	127
45°	20	17
55°	3	4
65°	2	2
75°	2	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1272.4
2.5°	1263.4
5°	1255.8
7.5°	1273.9
10°	1291.3
12.5°	1282.3
15°	1249.0
17.5°	1196.1
20°	1120.5
22.5°	1016.1
25°	879.3
27.5°	705.4
30°	510.3
32.5°	313.0
35°	167.1
37.5°	84.7
40°	44.6
42.5°	28.7
45°	19.7
47.5°	13.6
50°	7.6
52.5°	4.5
55°	3.0
57.5°	3.0
60°	3.0
62.5°	2.3
65°	2.3
67.5°	1.5
70°	1.5
72.5°	1.5
75°	1.5
77.5°	0.8
80°	0.8
82.5°	0.8
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)