

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: P1285038

Luminaire Tested: P3AS13R40B2750DE010 E3CD1MMS_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1285038
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-24)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R40B2750DE010 E3CD1MMS_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R40 optic, 3000K CCT AND, 90CRI , E3CD1MMS TRIM
Light Source: -
Ballast/Driver: -

Summary

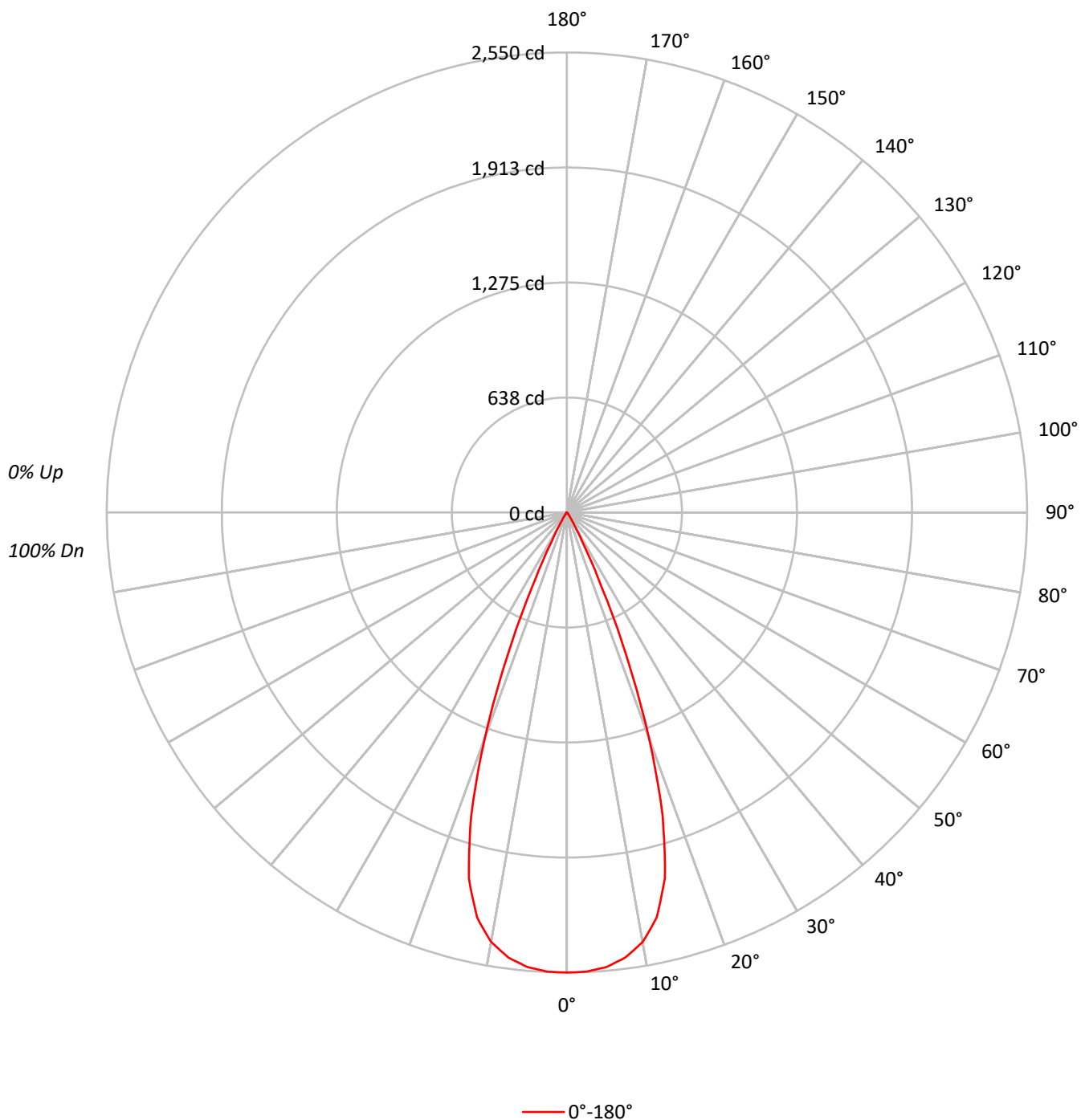
Lumens per Lamp: N/A
Luminaire Lumens: 1062.1 lumens
Efficiency: N/A
Efficacy: 55.6 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.59
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RC	80					70					50					30					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				100
1	115	112	110	109	112	110	109	107	106	105	104	103	102	101	99	98	98				96
2	111	107	104	101	109	105	102	100	102	100	98	99	97	96	96	95	94				92
3	107	102	98	95	105	100	97	94	98	95	93	96	93	91	94	92	90				89
4	103	97	93	90	102	96	92	89	94	91	88	92	90	87	91	88	86				85
5	100	93	89	86	98	92	88	85	91	87	85	89	86	84	88	85	83				82
6	96	90	85	82	95	89	85	82	88	84	81	86	83	81	85	82	80				79
7	93	86	82	79	92	86	81	78	85	81	78	83	80	78	82	79	77				76
8	90	83	79	76	89	83	78	75	82	78	75	81	77	75	80	77	75				73
9	87	80	76	73	87	80	76	73	79	75	72	78	75	72	77	74	72				71
10	85	77	73	70	84	77	73	70	76	73	70	76	72	70	75	72	70				69

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	559166
5°	556481
10°	538356
15°	476302
20°	310757
25°	110087
30°	23345
35°	7683
40°	2805
45°	930
50°	785
55°	879
60°	658
65°	778
70°	513
75°	678
80°	1010
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 1344 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	237.9	22.4
10°-20°	554.0	52.2
20°-30°	240.4	22.6
30°-40°	22.2	2.1
40°-50°	3.2	0.3
50°-60°	2.0	0.2
60°-70°	1.4	0.1
70°-80°	0.8	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°	1032.2	97.2
0°-40°	1054.4	99.3
0°-60°	1059.5	99.8
0°-90°	1062.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1062.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2550	
5°	2528	238
15°	2098	554
25°	455	240
35°	29	22
45°	3	3
55°	2	2
65°	2	1
75°	1	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	2550.0
2.5°	2547.0
5°	2528.1
7.5°	2488.0
10°	2417.8
12.5°	2299.1
15°	2098.1
17.5°	1764.8
20°	1331.7
22.5°	864.6
25°	455.0
27.5°	195.7
30°	92.2
32.5°	49.9
35°	28.7
37.5°	17.4
40°	9.8
42.5°	5.3
45°	3.0
47.5°	2.3
50°	2.3
52.5°	2.3
55°	2.3
57.5°	2.3
60°	1.5
62.5°	1.5
65°	1.5
67.5°	1.5
70°	0.8
72.5°	0.8
75°	0.8
77.5°	0.8
80°	0.8
82.5°	0.8
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)