

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: P1284286

Luminaire Tested: P3AS13R15B2750DE010 E3CD1MB_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1284286
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-4)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R15B2750DE010 E3CD1MB_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R15 optic, 5000K CCT AND, 80CRI , E3CD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

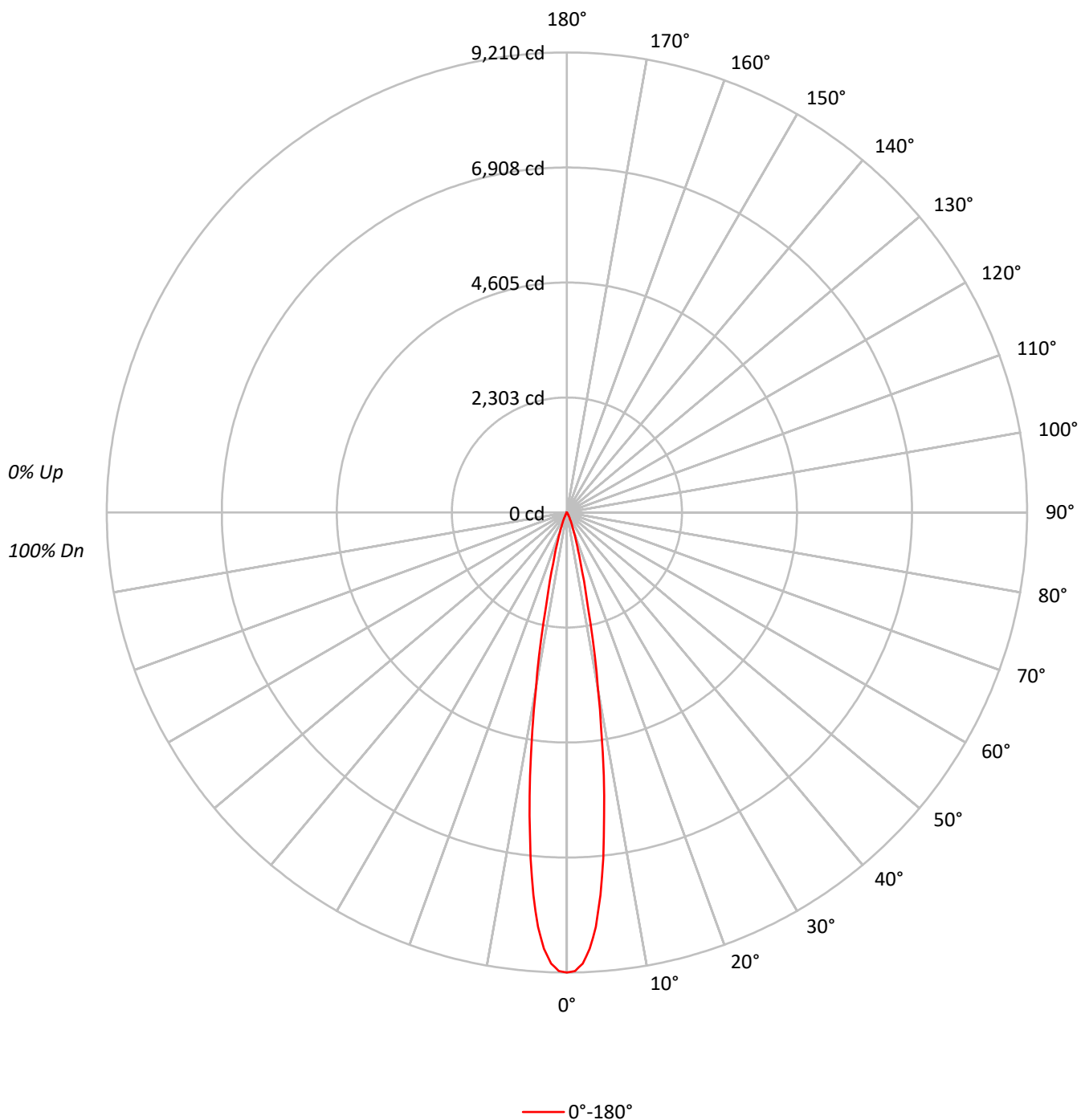
Lumens per Lamp: N/A
Luminaire Lumens: 1038.9 lumens
Efficiency: N/A
Efficacy: 54.4 lumens/watt
Spacing Criteria (0/90/45): 0.3 / 0.3 / 0.29
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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					10
RW	70	50	30	10		70	50	30	10		50	30	10		50	30	10		50	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	116	114	112	111		113	112	110	109		108	107	106		104	103	103		101	100	100
2	113	110	107	105		111	108	106	104		105	103	101		102	101	99		99	98	97
3	110	106	103	101		108	105	102	100		102	100	98		100	98	97		98	97	95
4	107	103	100	97		106	102	99	97		100	97	95		98	96	94		97	95	93
5	105	100	97	94		104	99	96	94		98	95	93		96	94	92		95	93	92
6	103	98	94	92		102	97	94	92		96	93	91		95	92	91		94	92	90
7	101	96	92	90		100	95	92	90		94	91	89		93	91	89		92	90	89
8	99	94	90	88		98	93	90	88		93	90	88		92	89	87		91	89	87
9	97	92	89	87		97	92	89	87		91	88	86		90	88	86		90	87	86
10	96	90	87	85		95	90	87	85		89	87	85		89	86	85		88	86	85

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	2019575
5°	1692600
10°	797269
15°	240365
20°	88931
25°	34575
30°	12888
35°	3962
40°	1403
45°	775
50°	546
55°	612
60°	702
65°	415
70°	513
75°	678
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 775 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	594.5	57.2
10°-20°	353.4	34.0
20°-30°	74.2	7.1
30°-40°	12.0	1.2
40°-50°	2.0	0.2
50°-60°	1.4	0.1
60°-70°	0.9	0.1
70°-80°	0.5	0.1
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°	1022.1	98.4
0°-40°	1034.0	99.5
0°-60°	1037.5	99.9
0°-90°	1038.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1038.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	9210	
5°	7690	594
15°	1059	353
25°	143	74
35°	15	12
45°	2	2
55°	2	1
65°	1	1
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	9210.0
1°	9181.2
2°	9035.0
3°	8742.6
4°	8313.8
5°	7689.5
6°	6955.9
7°	6117.3
8°	5316.3
9°	4409.5
10°	3580.6
12.5°	1932.0
15°	1058.8
17.5°	620.2
20°	381.1
22.5°	233.3
25°	142.9
27.5°	86.3
30°	50.9
32.5°	28.8
35°	14.8
37.5°	8.2
40°	4.9
42.5°	3.3
45°	2.5
47.5°	1.6
50°	1.6
52.5°	1.6
55°	1.6
57.5°	1.6
60°	1.6
62.5°	0.8
65°	0.8
67.5°	0.8
70°	0.8
72.5°	0.8
75°	0.8
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)