

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: P1284348

Luminaire Tested: P3AS13R15B2750DE010 E3DL1WMH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1284348
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R15B2750DE010 E3DL1WMH_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R15 optic, 3000K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

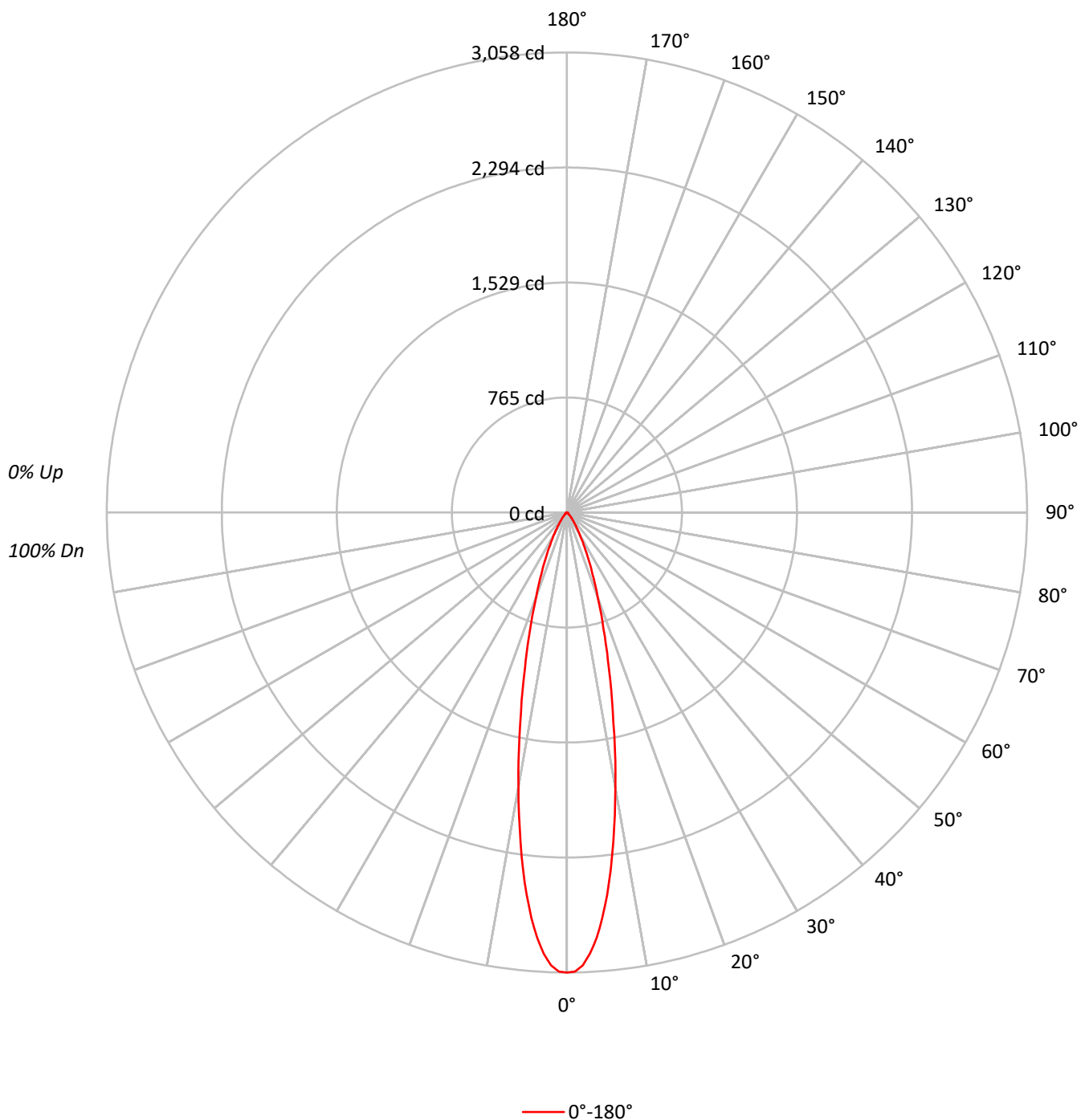
Lumens per Lamp: N/A
Luminaire Lumens: 785.0 lumens
Efficiency: N/A
Efficacy: 41.1 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
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	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	98	97
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	94	93	91
2	110	106	103	100	108	104	101	99	101	99	97	98	96	95	96	94	93	91	90	88	87
3	106	101	97	93	104	99	96	93	97	94	91	94	92	90	92	90	88	87	86	85	83
4	102	96	92	88	100	95	91	88	93	89	87	91	88	86	89	87	85	83	82	81	80
5	98	92	87	84	97	91	87	83	89	85	83	88	84	82	86	83	81	80	79	78	77
6	95	88	83	80	94	87	83	80	86	82	79	85	81	79	83	80	78	77	76	75	74
7	92	85	80	77	91	84	80	76	83	79	76	82	78	76	81	78	75	74	73	72	71
8	89	81	77	74	88	81	77	73	80	76	73	79	75	73	78	75	73	72	71	70	69
9	86	79	74	71	85	78	74	71	77	73	71	77	73	70	76	73	70	69	68	67	66
10	84	76	71	68	83	76	71	68	75	71	68	74	71	68	74	70	68	67	66	65	64

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	670604
5°	595266
10°	413375
15°	244474
20°	139242
25°	79601
30°	44032
35°	23477
40°	12996
45°	7039
50°	4401
55°	3479
60°	2982
65°	2750
70°	2436
75°	2542
80°	1894
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 7039 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	230.0	29.3
10°-20°	303.5	38.7
20°-30°	156.3	19.9
30°-40°	58.7	7.5
40°-50°	19.2	2.4
50°-60°	8.3	1.1
60°-70°	5.2	0.7
70°-80°	3.1	0.4
80°-90°	0.8	0.1
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°	689.7	87.9
0°-40°	748.4	95.3
0°-60°	775.9	98.8
0°-90°	785.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	785.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3058	
5°	2704	230
15°	1077	303
25°	329	156
35°	88	59
45°	23	19
55°	9	8
65°	5	5
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	3058.2
1°	3052.1
2°	3012.0
3°	2935.7
4°	2835.1
5°	2704.3
6°	2556.0
7°	2393.4
8°	2212.7
9°	2034.2
10°	1856.5
12.5°	1428.5
15°	1076.9
17.5°	806.1
20°	596.7
22.5°	445.4
25°	329.0
27.5°	239.7
30°	173.9
32.5°	123.3
35°	87.7
37.5°	62.8
40°	45.4
42.5°	32.5
45°	22.7
47.5°	16.6
50°	12.9
52.5°	10.6
55°	9.1
57.5°	7.6
60°	6.8
62.5°	6.0
65°	5.3
67.5°	4.5
70°	3.8
72.5°	3.8
75°	3.0
77.5°	2.3
80°	1.5
82.5°	1.5
85°	0.8
87.5°	0.0
90°	0.0

(END OF REPORT)