

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: P1284791

Luminaire Tested: P3AS13R30B2750DE010 E3DL1MW_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1284791
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R30B2750DE010 E3DL1MW_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R30 optic, 5000K CCT AND, 80CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

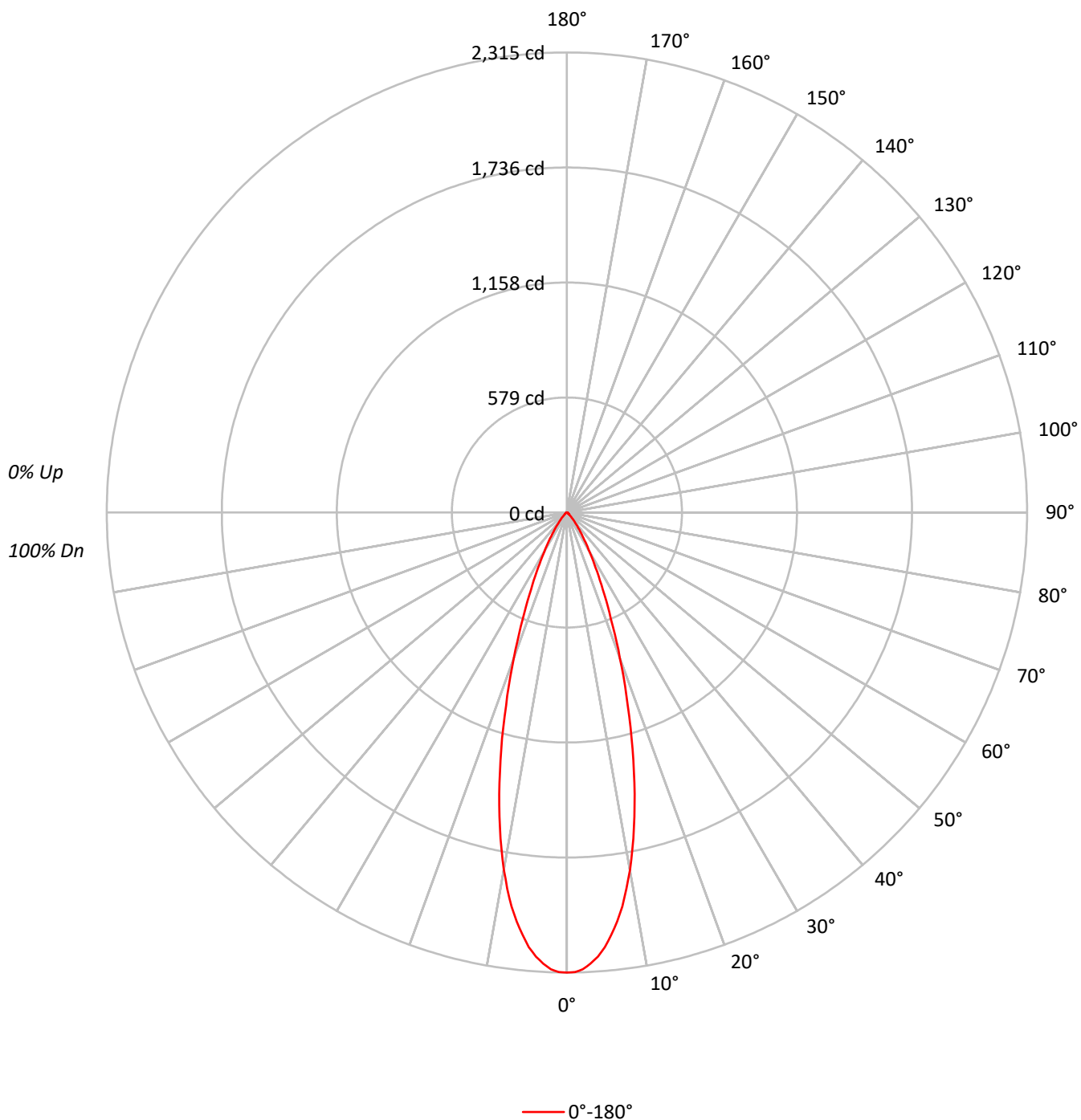
Lumens per Lamp: N/A
Luminaire Lumens: 870.0 lumens
Efficiency: N/A
Efficacy: 45.6 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	99
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	94	93
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92	90	89	88
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	86	85	84
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	82	81	80
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	78	77	76
6	94	86	81	78	92	85	81	77	84	80	77	83	79	76	81	78	76	75	74	73
7	90	82	77	74	89	82	77	74	81	76	73	80	76	73	79	75	73	71	70	69
8	87	79	74	71	86	79	74	71	78	73	70	77	73	70	76	72	70	69	68	67
9	84	76	71	68	83	75	71	68	75	70	67	74	70	67	73	70	67	66	65	64
10	81	73	68	65	80	73	68	65	72	68	65	71	67	65	71	67	65	63	62	61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	507679
5°	483204
10°	406428
15°	293100
20°	181806
25°	103409
30°	57427
35°	31240
40°	16459
45°	8931
50°	4776
55°	3135
60°	2895
65°	3009
70°	2629
75°	2118
80°	2020
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 8931 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	197.7	22.7
10°-20°	351.4	40.4
20°-30°	203.1	23.3
30°-40°	77.1	8.9
40°-50°	23.7	2.7
50°-60°	8.0	0.9
60°-70°	5.4	0.6
70°-80°	2.9	0.3
80°-90°	0.9	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°	752.1	86.4
0°-40°	829.2	95.3
0°-60°	860.8	98.9
0°-90°	870.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	870.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2315	
5°	2195	198
15°	1291	351
25°	427	203
35°	117	77
45°	29	24
55°	8	8
65°	6	5
75°	2	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2315.2
1°	2313.5
2°	2299.6
3°	2273.3
4°	2240.4
5°	2195.2
6°	2137.6
7°	2073.5
8°	2002.0
9°	1916.6
10°	1825.3
11°	1726.7
12°	1622.3
13°	1513.0
14°	1402.1
15°	1291.1
17.5°	1018.3
20°	779.1
22.5°	577.8
25°	427.4
27.5°	310.7
30°	226.8
32.5°	163.5
35°	116.7
37.5°	81.4
40°	57.5
42.5°	40.3
45°	28.8
47.5°	19.7
50°	14.0
52.5°	9.9
55°	8.2
57.5°	7.4
60°	6.6
62.5°	5.8
65°	5.8
67.5°	4.9
70°	4.1
72.5°	3.3
75°	2.5
77.5°	2.5
80°	1.6
82.5°	1.6
85°	0.8
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)