

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: P1284772

Luminaire Tested: P3AS13R30B2750DE010 E3DL1GPH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1284772
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 E3DL1GPH_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R30 optic, 2700K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

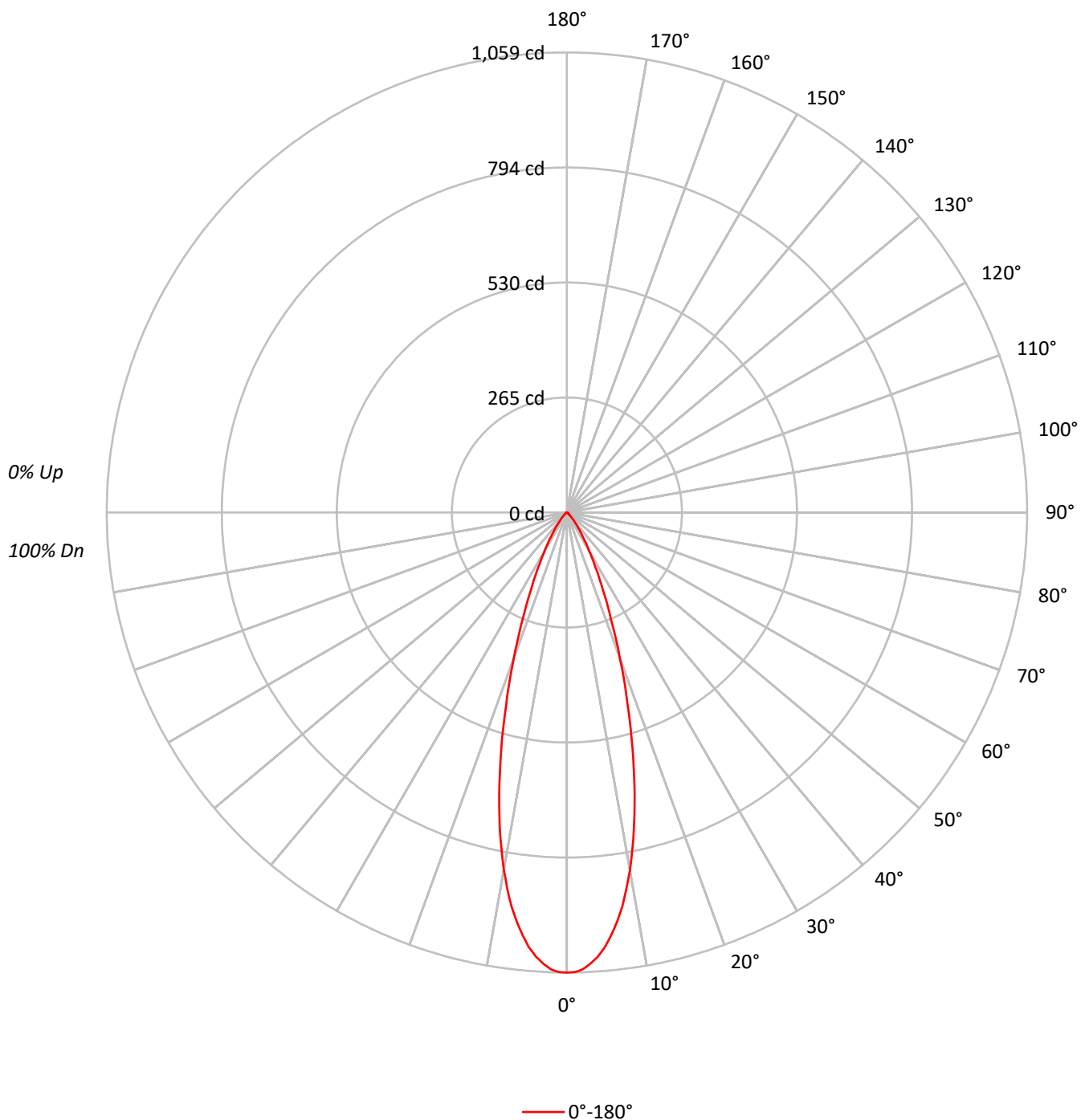
Lumens per Lamp: N/A
Luminaire Lumens: 398.0 lumens
Efficiency: N/A
Efficacy: 20.8 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	232240
5°	221043
10°	185924
15°	134098
20°	83167
25°	47301
30°	26283
35°	14295
40°	7528
45°	4093
50°	2183
55°	1453
60°	1316
65°	1349
70°	1218
75°	932
80°	1010
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 4093 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	90.4	22.7
10°-20°	160.7	40.4
20°-30°	92.9	23.3
30°-40°	35.3	8.9
40°-50°	10.8	2.7
50°-60°	3.7	0.9
60°-70°	2.5	0.6
70°-80°	1.3	0.3
80°-90°	0.4	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°	344.1	86.4
0°-40°	379.3	95.3
0°-60°	393.8	98.9
0°-90°	398.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	398.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1059	
5°	1004	90
15°	591	161
25°	196	93
35°	53	35
45°	13	11
55°	4	4
65°	3	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1059.1
1°	1058.4
2°	1052.0
3°	1039.9
4°	1024.9
5°	1004.2
6°	977.9
7°	948.6
8°	915.9
9°	876.8
10°	835.0
11°	789.9
12°	742.2
13°	692.2
14°	641.4
15°	590.7
17.5°	465.8
20°	356.4
22.5°	264.3
25°	195.5
27.5°	142.1
30°	103.8
32.5°	74.8
35°	53.4
37.5°	37.2
40°	26.3
42.5°	18.4
45°	13.2
47.5°	9.0
50°	6.4
52.5°	4.5
55°	3.8
57.5°	3.4
60°	3.0
62.5°	2.6
65°	2.6
67.5°	2.3
70°	1.9
72.5°	1.5
75°	1.1
77.5°	1.1
80°	0.8
82.5°	0.8
85°	0.4
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)