

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: P1284355

Luminaire Tested: P3AS13R15B2750DE010 E3DLD1GPH_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1284355
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R15B2750DE010 E3DLD1GPH_4000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R15 optic, 4000K CCT AND, 80CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

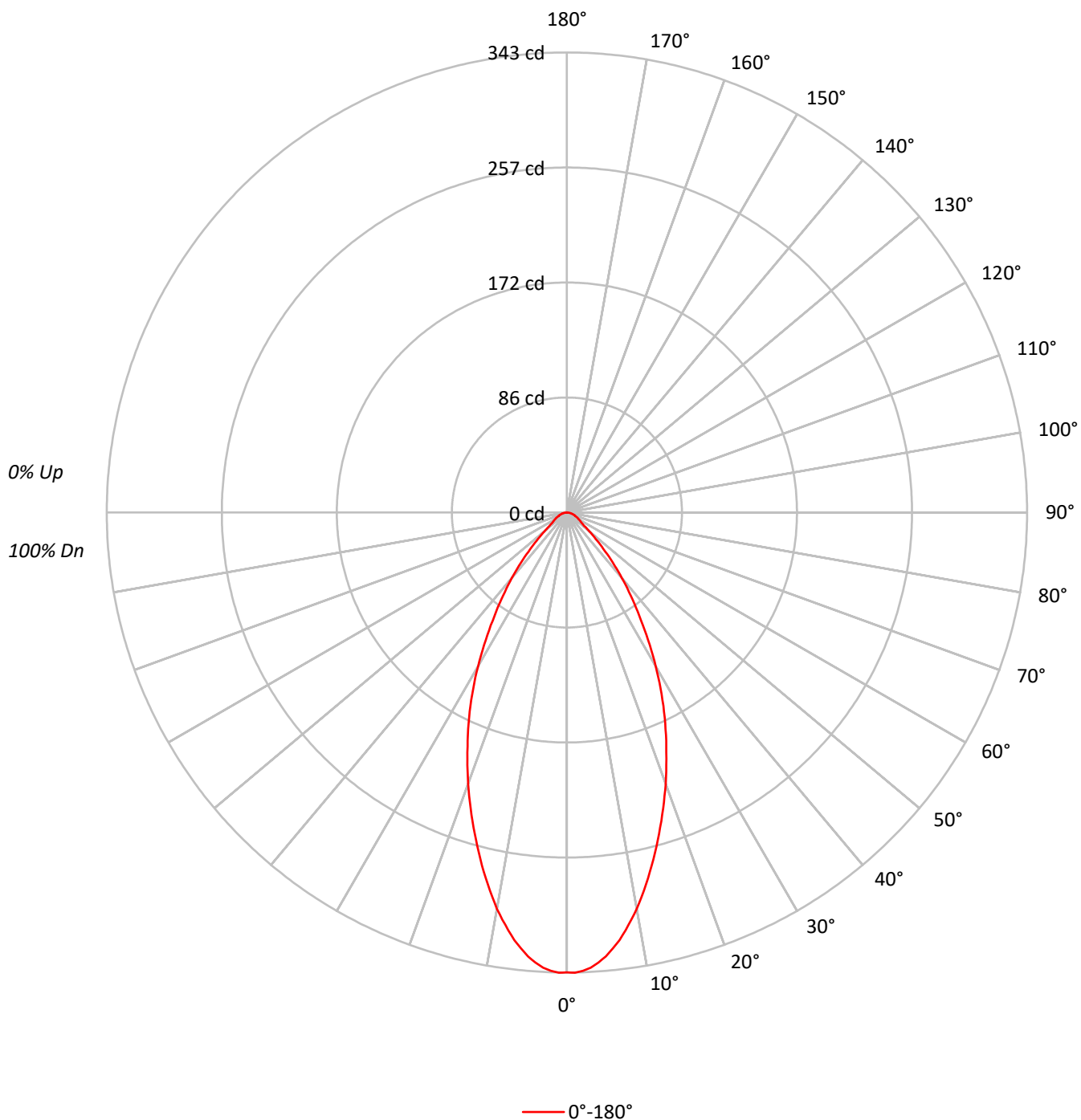
Lumens per Lamp: N/A
Luminaire Lumens: 298.0 lumens
Efficiency: N/A
Efficacy: 15.6 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	109	107	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	95	91	95	92	89		92	90	87		90
3	100	93	87	83	98	91	86	82	89	84	81		86	82	79		84
4	94	86	80	75	92	85	79	74	82	77	73		80	76	73		78
5	89	80	73	68	87	79	73	68	77	72	67		75	71	67		74
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		69
7	80	69	63	58	78	69	63	58	67	62	58		66	61	57		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	57	51	47	57	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	75169
5°	73123
10°	66821
15°	58525
20°	50218
25°	41930
30°	33549
35°	25163
40°	18263
45°	11939
50°	7471
55°	5046
60°	4473
65°	4099
70°	3847
75°	3558
80°	3283
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11939 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.7	10.3
10°-20°	71.8	24.1
20°-30°	79.2	26.6
30°-40°	59.3	19.9
40°-50°	30.7	10.3
50°-60°	12.7	4.3
60°-70°	7.9	2.6
70°-80°	4.4	1.5
80°-90°	1.3	0.4
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°	181.7	61.0
0°-40°	240.9	80.9
0°-60°	284.4	95.4
0°-90°	298.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	298.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	343	
5°	332	31
15°	258	72
25°	173	79
35°	94	59
45°	38	31
55°	13	13
65°	8	8
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	342.8
1°	343.2
2°	342.0
3°	339.8
4°	336.4
5°	332.2
6°	326.9
7°	321.3
8°	314.5
9°	307.3
10°	300.1
12.5°	279.4
15°	257.8
17.5°	236.3
20°	215.2
22.5°	193.7
25°	173.3
27.5°	152.9
30°	132.5
32.5°	112.5
35°	94.0
37.5°	78.1
40°	63.8
42.5°	50.6
45°	38.5
47.5°	29.1
50°	21.9
52.5°	16.2
55°	13.2
57.5°	11.7
60°	10.2
62.5°	9.1
65°	7.9
67.5°	6.8
70°	6.0
72.5°	4.9
75°	4.2
77.5°	3.4
80°	2.6
82.5°	1.9
85°	1.1
87.5°	0.4
90°	0.0

(END OF REPORT)