

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: P1284382

Luminaire Tested: P3AS13R15B2750DE010 E3DLP1GPH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1284382
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R15B2750DE010 E3DLP1GPH_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R15 optic, 2700K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

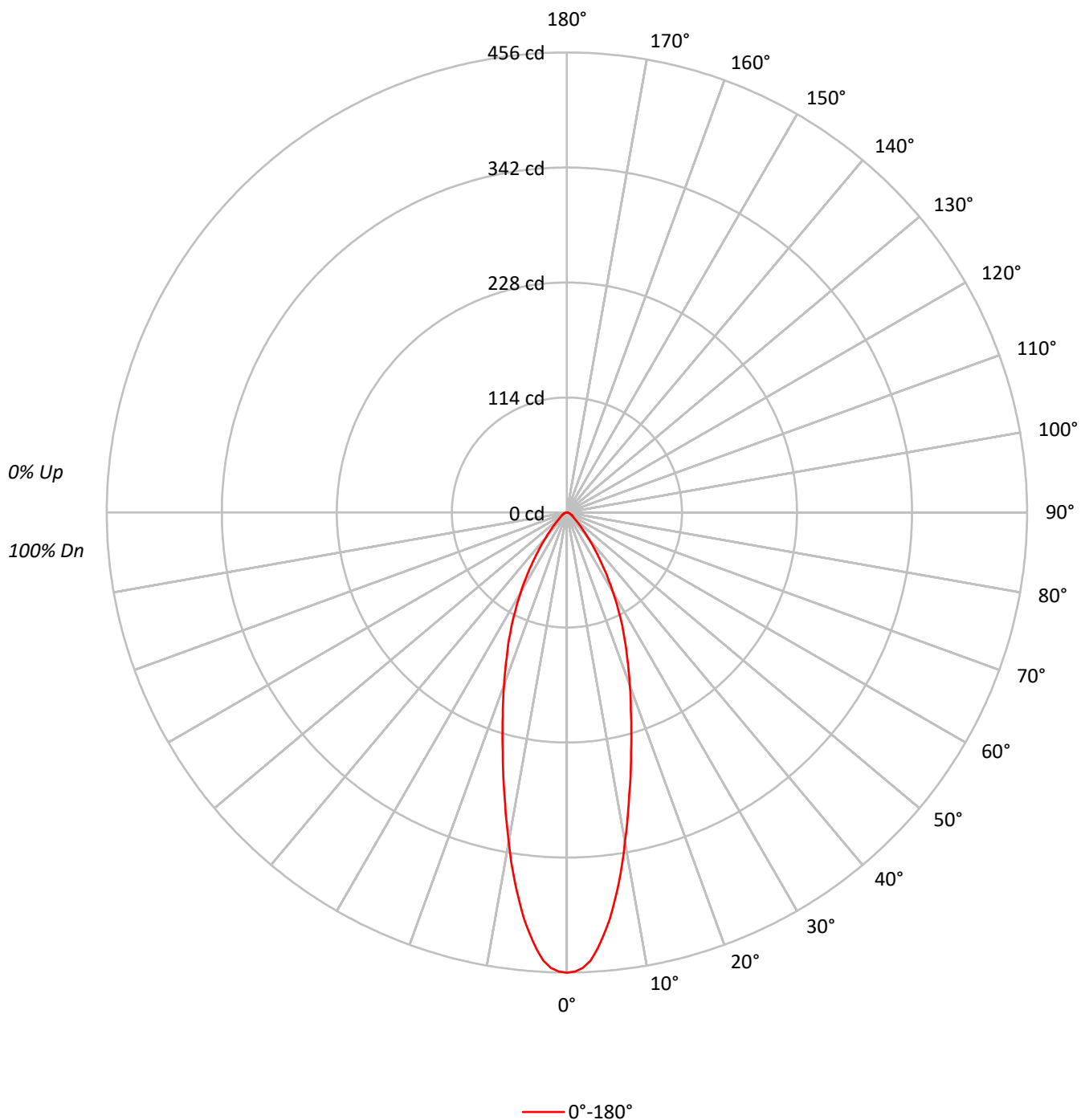
Lumens per Lamp: N/A
Luminaire Lumens: 232.0 lumens
Efficiency: N/A
Efficacy: 12.1 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	110	108	106	111	108	106	104	104	102	101		100	99	98		97
2	108	103	98	95	105	101	97	94	98	95	92		95	92	90		92
3	102	96	91	87	100	94	90	86	92	88	85		89	86	83		87
4	97	90	84	80	95	88	83	79	86	82	78		84	81	78		82
5	93	84	78	74	91	83	78	74	81	77	73		80	76	72		78
6	88	79	73	69	87	79	73	69	77	72	69		76	71	68		74
7	84	75	69	65	83	74	69	65	73	68	64		72	67	64		71
8	80	71	65	61	79	71	65	61	69	64	61		68	64	61		67
9	77	68	62	58	76	67	62	58	66	61	58		65	61	57		64
10	74	64	59	55	73	64	59	55	63	58	55		62	58	55		62

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	100036
5°	92472
10°	73813
15°	55755
20°	42470
25°	32349
30°	23168
35°	15125
40°	9275
45°	5613
50°	3718
55°	2867
60°	2500
65°	2127
70°	1923
75°	1949
80°	1389
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 5613 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	37.2	16.0
10°-20°	68.7	29.6
20°-30°	61.1	26.3
30°-40°	36.2	15.6
40°-50°	14.8	6.4
50°-60°	7.0	3.0
60°-70°	4.2	1.8
70°-80°	2.2	1.0
80°-90°	0.6	0.3
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°	167.0	72.0
0°-40°	203.1	87.6
0°-60°	224.9	97.0
0°-90°	232.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	232.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	456	
5°	420	37
15°	246	69
25°	134	61
35°	56	36
45°	18	15
55°	8	7
65°	4	4
75°	2	2
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	456.2
1°	455.1
2°	451.7
3°	444.9
4°	433.6
5°	420.1
6°	405.4
7°	388.0
8°	370.0
9°	351.5
10°	331.5
12.5°	285.9
15°	245.6
17.5°	211.0
20°	182.0
22.5°	156.3
25°	133.7
27.5°	111.9
30°	91.5
32.5°	73.1
35°	56.5
37.5°	43.3
40°	32.4
42.5°	24.1
45°	18.1
47.5°	13.9
50°	10.9
52.5°	9.0
55°	7.5
57.5°	6.4
60°	5.7
62.5°	4.9
65°	4.1
67.5°	3.8
70°	3.0
72.5°	2.6
75°	2.3
77.5°	1.5
80°	1.1
82.5°	0.8
85°	0.4
87.5°	0.4
90°	0.0

(END OF REPORT)