

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: P1284407

Luminaire Tested: P3AS13R15B2750DE010 E3DLP1WMH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1284407
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 E3DLP1WMH_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R15 optic, 2700K CCT AND, 90CRI , E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

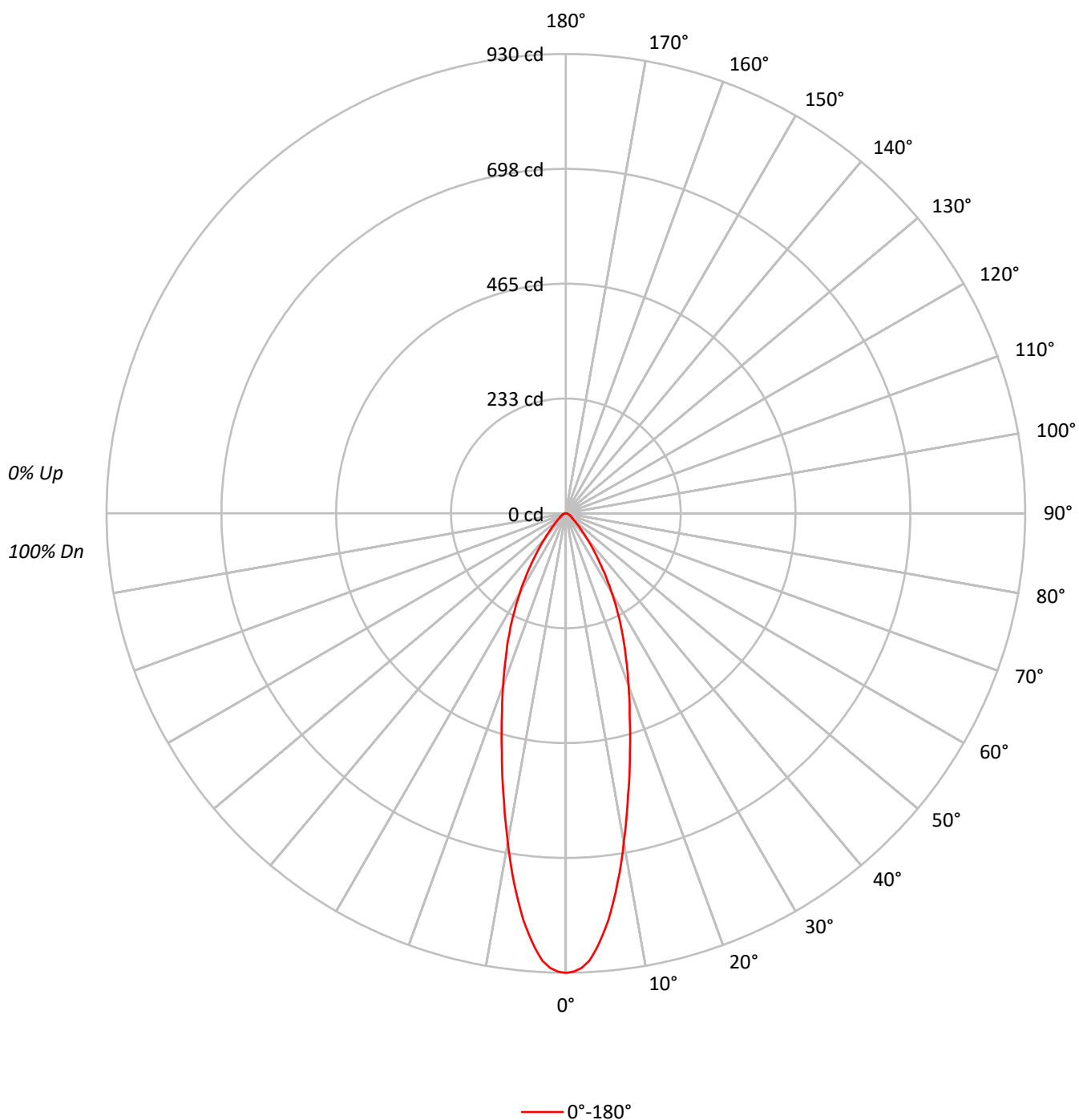
Lumens per Lamp: N/A
Luminaire Lumens: 473.0 lumens
Efficiency: N/A
Efficacy: 24.8 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	203975
5°	188509
10°	150498
15°	113690
20°	86574
25°	65980
30°	47248
35°	30838
40°	18921
45°	11443
50°	7607
55°	5887
60°	5043
65°	4358
70°	3911
75°	3897
80°	2904
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11443 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	75.9	16.0
10°-20°	140.0	29.6
20°-30°	124.6	26.3
30°-40°	73.7	15.6
40°-50°	30.3	6.4
50°-60°	14.2	3.0
60°-70°	8.6	1.8
70°-80°	4.6	1.0
80°-90°	1.2	0.2
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°	340.5	72.0
0°-40°	414.2	87.6
0°-60°	458.7	97.0
0°-90°	473.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	473.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	930	
5°	856	76
15°	501	140
25°	273	125
35°	115	74
45°	37	30
55°	15	14
65°	8	9
75°	5	5
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	930.2
1°	927.9
2°	921.0
3°	907.1
4°	884.1
5°	856.4
6°	826.5
7°	791.1
8°	754.3
9°	716.6
10°	675.9
12.5°	583.0
15°	500.8
17.5°	430.1
20°	371.0
22.5°	318.8
25°	272.7
27.5°	228.1
30°	186.6
32.5°	149.0
35°	115.2
37.5°	88.3
40°	66.1
42.5°	49.2
45°	36.9
47.5°	28.4
50°	22.3
52.5°	18.4
55°	15.4
57.5°	13.1
60°	11.5
62.5°	10.0
65°	8.4
67.5°	7.7
70°	6.1
72.5°	5.4
75°	4.6
77.5°	3.1
80°	2.3
82.5°	1.5
85°	0.8
87.5°	0.8
90°	0.0

(END OF REPORT)