

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: P1285067

Luminaire Tested: P3AS13R40B2750DE010 E3D1WMH_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1285067
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-12)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R40B2750DE010 E3D1WMH_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R40 optic, 2700K CCT AND, 90CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

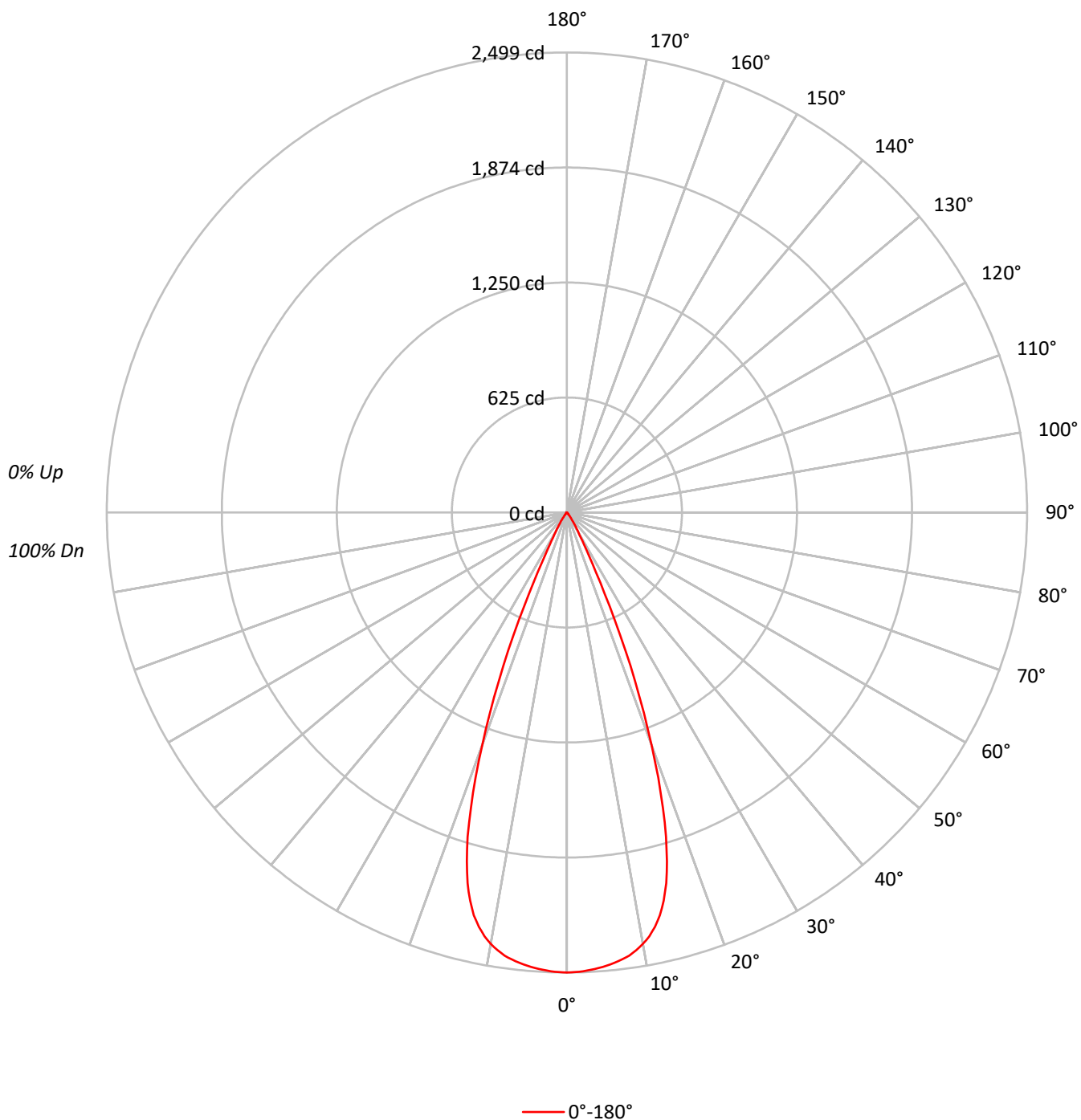
Lumens per Lamp: N/A
Luminaire Lumens: 1075.0 lumens
Efficiency: N/A
Efficacy: 56.3 lumens/watt
Spacing Criteria (0/90/45): 0.7 / 0.7 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	0		
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	115	112	110	109	112	110	109	107	106	105	104	103	102	101	99	98	98	96		
2	111	107	104	101	109	105	102	100	102	100	98	99	97	96	96	95	94	92		
3	107	102	98	95	105	100	97	94	98	95	93	96	93	91	93	91	90	88		
4	103	97	93	90	101	96	92	89	94	91	88	92	89	87	90	88	86	85		
5	99	93	89	85	98	92	88	85	91	87	84	89	86	84	88	85	83	82		
6	96	89	85	81	95	89	84	81	87	83	81	86	83	80	85	82	80	79		
7	93	86	81	78	92	85	81	78	84	80	77	83	80	77	82	79	77	76		
8	90	83	78	75	89	82	78	75	81	77	75	80	77	74	79	76	74	73		
9	87	80	75	72	86	79	75	72	78	75	72	78	74	72	77	74	71	70		
10	84	77	72	70	83	77	72	69	76	72	69	75	72	69	74	71	69	68		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	547960
5°	544000
10°	529761
15°	473215
20°	313767
25°	117539
30°	31448
35°	12287
40°	4408
45°	2109
50°	648
55°	306
60°	175
65°	208
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2109 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	233.2	21.7
10°-20°	552.3	51.4
20°-30°	250.5	23.3
30°-40°	32.5	3.0
40°-50°	5.6	0.5
50°-60°	0.7	0.1
60°-70°	0.2	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	1036.0	96.4
0°-40°	1068.5	99.4
0°-60°	1074.8	100.0
0°-90°	1075.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1075.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2499	
5°	2471	233
15°	2084	552
25°	486	250
35°	46	32
45°	7	6
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2498.9
1°	2497.4
2°	2493.6
3°	2487.9
4°	2480.8
5°	2471.4
6°	2460.5
7°	2446.9
8°	2430.4
9°	2407.8
10°	2379.2
11°	2345.7
12°	2300.9
13°	2245.6
14°	2173.3
15°	2084.5
16°	1971.2
17°	1842.2
18°	1687.1
19°	1523.4
20°	1344.6
21°	1165.9
22°	989.8
23°	814.4
24°	642.0
25°	485.8
26°	359.8
27°	263.4
28°	198.0
29°	153.9
30°	124.2
31°	102.7
32°	85.8
32.5°	78.3
33°	70.8
34°	57.6
35°	45.9
36°	36.1
37°	28.6
37.5°	25.6
38°	22.6
39°	18.8
40°	15.4
42.5°	10.2
45°	6.8



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	4.1
50°	1.9
52.5°	0.8
55°	0.8
57.5°	0.4
60°	0.4
62.5°	0.4
65°	0.4
67.5°	0.0
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)