

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: P1285431

Luminaire Tested: P3AS13R50B2750DE010 E3DLP1WMH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1285431
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-29)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R50B2750DE010 E3DLP1WMH_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R50 optic, 5000K CCT AND, 80CRI , E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

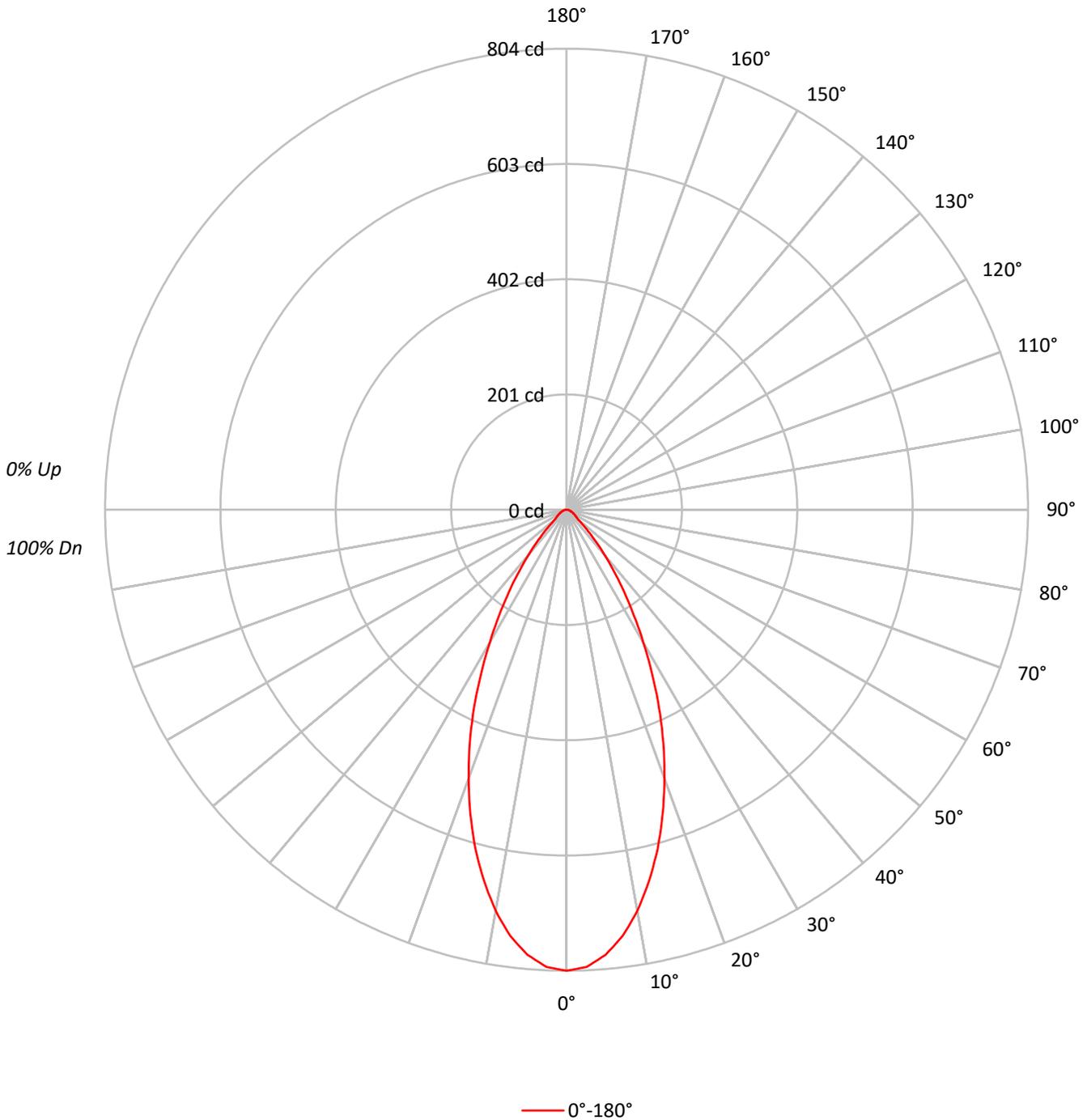
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 606.0 lumens
Efficiency: N/A
Efficacy: 31.7 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.77
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			0	
RW	70	50	30	10	70	50	30	10	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	113	110	107	105	111	108	106	103	104	102	100	100	99	97	97	95	94	93			
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85			
3	101	95	89	85	99	93	88	85	91	87	83	88	85	82	86	83	81	79			
4	96	88	82	78	94	87	82	78	85	80	77	83	79	76	81	78	75	73			
5	91	83	76	72	90	82	76	72	80	75	71	78	74	70	77	73	70	68			
6	87	77	71	67	85	77	71	67	75	70	66	74	69	66	72	68	65	64			
7	82	73	67	62	81	72	66	62	71	66	62	70	65	61	68	64	61	60			
8	78	69	63	58	77	68	62	58	67	62	58	66	61	58	65	61	57	56			
9	75	65	59	55	74	64	59	55	63	58	55	63	58	54	62	57	54	53			
10	71	61	56	52	70	61	55	52	60	55	51	59	55	51	59	54	51	50			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	176258
5°	171516
10°	158158
15°	139093
20°	116373
25°	92280
30°	67707
35°	46552
40°	29570
45°	16529
50°	8938
55°	7531
60°	6491
65°	5967
70°	5257
75°	4829
80°	4167
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 16529 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	72.2	11.9
10°-20°	169.7	28.0
20°-30°	173.6	28.6
30°-40°	110.1	18.2
40°-50°	43.8	7.2
50°-60°	17.7	2.9
60°-70°	11.3	1.9
70°-80°	5.8	1.0
80°-90°	1.8	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°	415.4	68.6
0°-40°	525.5	86.7
0°-60°	587.0	96.9
0°-90°	606.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	606.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	804	
5°	779	72
15°	613	170
25°	381	174
35°	174	110
45°	53	44
55°	20	18
65°	12	11
75°	6	6
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	803.8
2.5°	798.0
5°	779.2
7.5°	749.6
10°	710.3
12.5°	663.5
15°	612.7
17.5°	556.9
20°	498.7
22.5°	440.4
25°	381.4
27.5°	322.3
30°	267.4
32.5°	218.2
35°	173.9
37.5°	136.2
40°	103.3
42.5°	76.3
45°	53.3
47.5°	36.1
50°	26.2
52.5°	22.1
55°	19.7
57.5°	17.2
60°	14.8
62.5°	13.1
65°	11.5
67.5°	9.8
70°	8.2
72.5°	6.6
75°	5.7
77.5°	4.1
80°	3.3
82.5°	2.5
85°	1.6
87.5°	0.8
90°	0.0

(END OF REPORT)