

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: P1285651

Luminaire Tested: P3AS13R60B2750DE010 E3DL1MW_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1285651
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-39)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R60B2750DE010 E3DL1MW_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R60 optic, 5000K CCT AND, 80CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

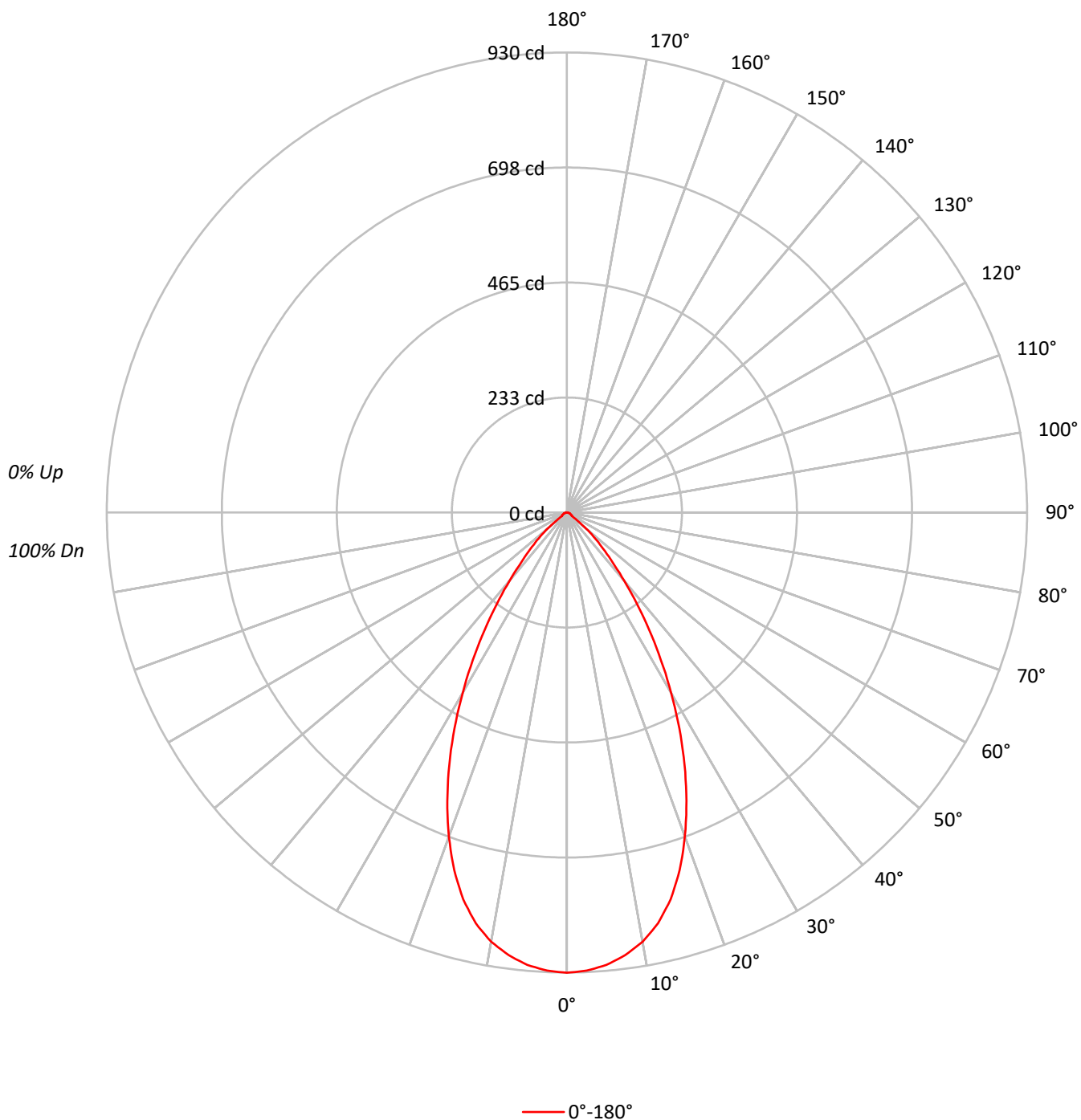
Lumens per Lamp: N/A
Luminaire Lumens: 864.0 lumens
Efficiency: N/A
Efficacy: 45.2 lumens/watt
Spacing Criteria (0/90/45): 0.87 / 0.87 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	113	110	108	105	111	108	106	103	104	102	100	100	99	97	97	96	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	84	91	86	83	88	85	82	86	83	80	79		
4	96	88	82	78	94	87	81	77	85	80	76	83	79	75	81	77	75	73		
5	91	82	76	71	89	81	75	71	79	74	70	78	73	70	76	72	69	68		
6	86	77	70	66	84	76	70	66	74	69	65	73	68	65	72	68	64	63		
7	82	72	66	61	80	71	65	61	70	65	61	69	64	60	68	63	60	59		
8	77	68	61	57	76	67	61	57	66	60	57	65	60	56	64	59	56	55		
9	74	64	57	53	72	63	57	53	62	57	53	61	56	53	60	56	53	51		
10	70	60	54	50	69	60	54	50	59	53	50	58	53	50	57	53	49	48		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	204019
5°	202091
10°	196189
15°	183815
20°	162694
25°	136097
30°	106675
35°	77390
40°	51468
45°	32096
50°	17364
55°	5008
60°	4693
65°	4255
70°	4231
75°	4151
80°	4167
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 32096 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	86.5	10.0
10°-20°	224.6	26.0
20°-30°	256.0	29.6
30°-40°	181.6	21.0
40°-50°	82.4	9.5
50°-60°	17.5	2.0
60°-70°	8.4	1.0
70°-80°	5.2	0.6
80°-90°	1.8	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°	567.1	65.6
0°-40°	748.7	86.7
0°-60°	848.6	98.2
0°-90°	864.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	864.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	930	
5°	918	86
15°	810	225
25°	562	256
35°	289	182
45°	104	82
55°	13	17
65°	8	8
75°	5	5
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	930.4
2.5°	927.1
5°	918.1
7.5°	902.5
10°	881.1
12.5°	850.7
15°	809.7
17.5°	758.0
20°	697.2
22.5°	631.5
25°	562.5
27.5°	491.9
30°	421.3
32.5°	353.9
35°	289.1
37.5°	231.6
40°	179.8
42.5°	136.3
45°	103.5
47.5°	77.2
50°	50.9
52.5°	23.8
55°	13.1
57.5°	11.5
60°	10.7
62.5°	9.9
65°	8.2
67.5°	7.4
70°	6.6
72.5°	5.7
75°	4.9
77.5°	4.1
80°	3.3
82.5°	2.5
85°	1.6
87.5°	0.8
90°	0.0

(END OF REPORT)