

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: P1283855

Luminaire Tested: P3AS09R60B2750DE010 E3CB1MB_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1283855
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-40)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R60B2750DE010 E3CB1MB_4000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R60 optic, 4000K CCT AND, 80CRI , E3CB1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

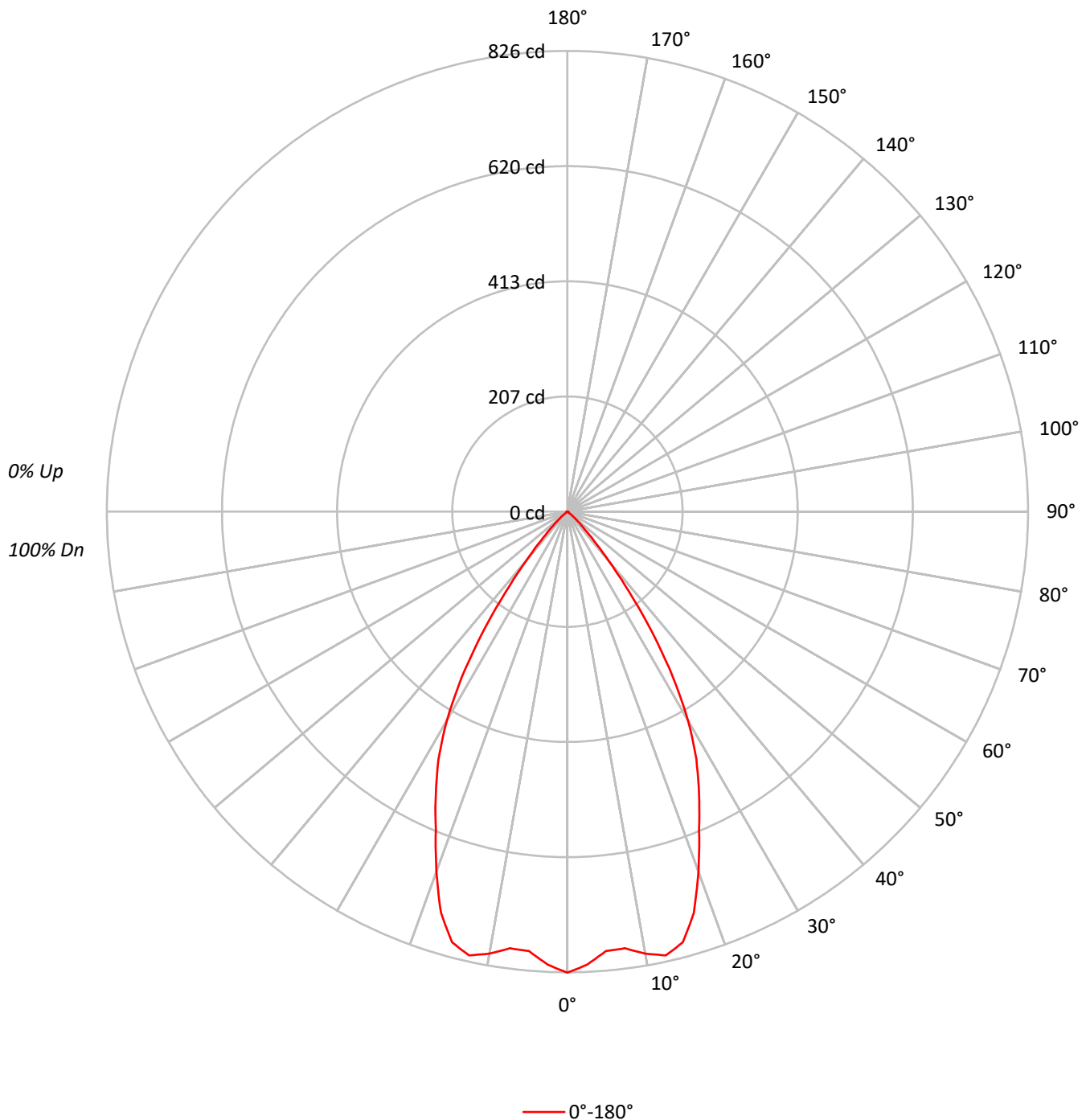
Lumens per Lamp: N/A
Luminaire Lumens: 759.0 lumens
Efficiency: N/A
Efficacy: 57.9 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.91
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 13.1
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	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	114	111	108	106	111	109	106	104	105	103	101		101	100	98		97	96	95	94
2	108	103	99	96	106	102	98	95	98	95	93		95	93	91		93	91	89	87
3	103	96	91	88	101	95	90	87	92	89	85		90	87	84		88	85	83	81
4	98	90	85	81	96	89	84	80	87	83	79		85	81	78		83	80	77	76
5	93	84	79	74	91	84	78	74	82	77	73		80	76	73		79	75	72	71
6	88	79	73	69	87	79	73	69	77	72	68		76	71	68		74	70	68	66
7	84	75	69	64	82	74	68	64	73	68	64		71	67	64		70	66	63	62
8	80	70	64	60	78	70	64	60	69	64	60		68	63	60		67	62	59	58
9	76	66	61	57	75	66	60	56	65	60	56		64	59	56		63	59	56	55
10	72	63	57	53	71	62	57	53	62	56	53		61	56	53		60	56	53	51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	181235
5°	174048
10°	179200
15°	181499
20°	160267
25°	135080
30°	109536
35°	71340
40°	32776
45°	12559
50°	4196
55°	1109
60°	1009
65°	934
70°	769
75°	1017
80°	758
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12559 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	76.1	10.0
10°-20°	218.9	28.8
20°-30°	255.4	33.6
30°-40°	164.8	21.7
40°-50°	36.9	4.9
50°-60°	3.7	0.5
60°-70°	1.8	0.2
70°-80°	1.0	0.1
80°-90°	0.4	0.1
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°	550.4	72.5
0°-40°	715.2	94.2
0°-60°	755.8	99.6
0°-90°	759.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	759.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	826	
5°	791	76
15°	800	219
25°	558	255
35°	266	165
45°	40	37
55°	3	4
65°	2	2
75°	1	1
85°	1	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	826.5
2.5°	813.0
5°	790.7
7.5°	789.6
10°	804.8
12.5°	814.8
15°	799.5
17.5°	753.8
20°	686.8
22.5°	617.0
25°	558.3
27.5°	500.7
30°	432.6
32.5°	352.8
35°	266.5
37.5°	182.0
40°	114.5
42.5°	68.7
45°	40.5
47.5°	23.5
50°	12.3
52.5°	4.1
55°	2.9
57.5°	2.3
60°	2.3
62.5°	1.8
65°	1.8
67.5°	1.8
70°	1.2
72.5°	1.2
75°	1.2
77.5°	0.6
80°	0.6
82.5°	0.6
85°	0.6
87.5°	0.0
90°	0.0

(END OF REPORT)