

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: P1283730

Luminaire Tested: P3AS09R55B2750DE010 E3CD1MMS_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1283730
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-36)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R55B2750DE010 E3CD1MMS_4000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R55 optic, 4000K CCT AND, 80CRI , E3CD1MMS TRIM
Light Source: -
Ballast/Driver: -

Summary

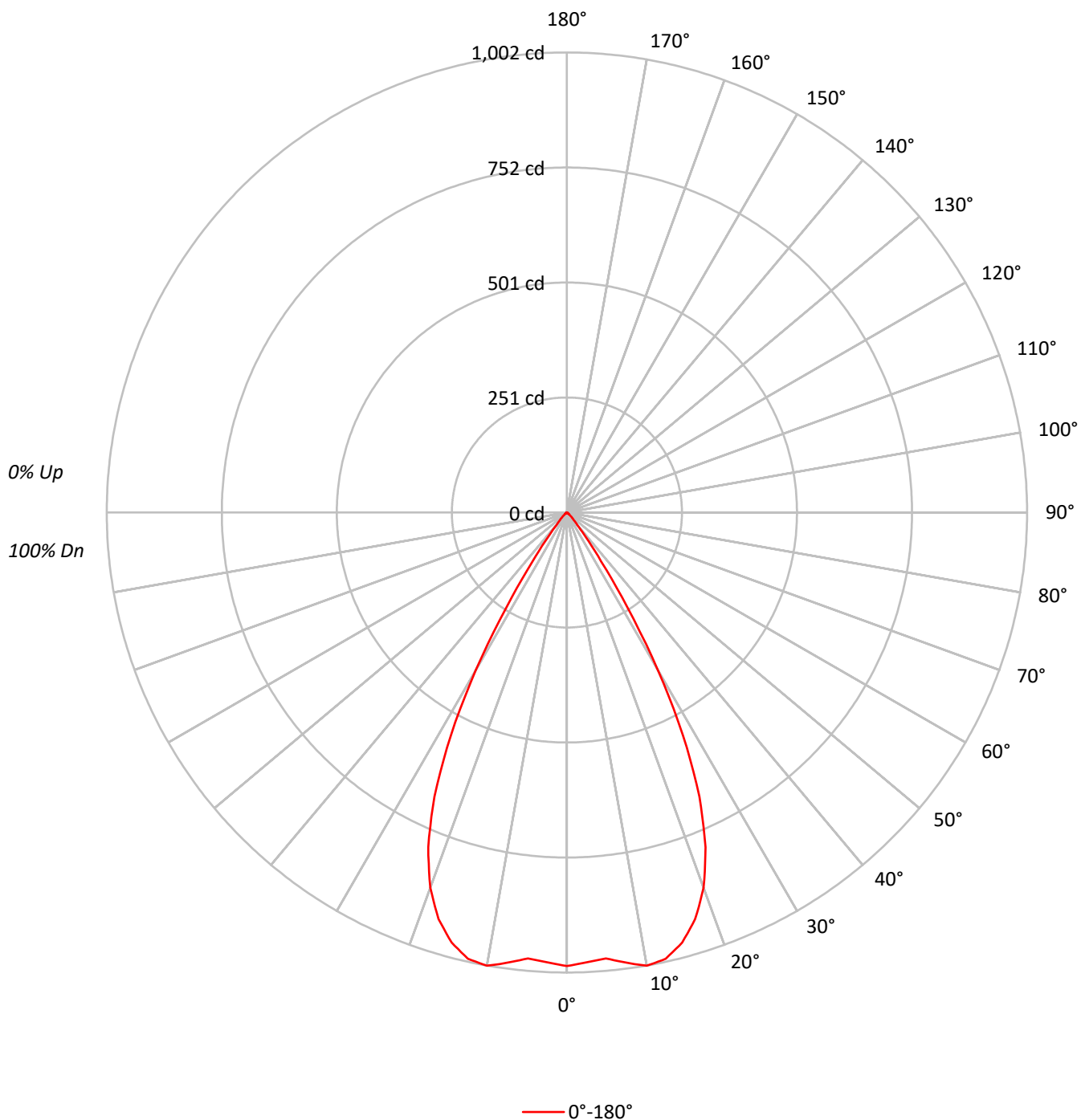
Lumens per Lamp: N/A
Luminaire Lumens: 781.0 lumens
Efficiency: N/A
Efficacy: 59.6 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	109	107		112	109	107	105		105	104	102		101	100	99		98	97	96		94			
2	109	104	101	98		107	103	99	96		100	97	94		97	94	92		94	92	90		89			
3	104	98	94	90		102	97	93	89		94	91	88		92	89	86		90	87	85		84			
4	99	92	87	84		98	91	87	83		89	85	82		87	84	81		85	83	80		79			
5	95	87	82	78		93	86	81	78		85	80	77		83	79	76		82	78	76		74			
6	91	83	77	73		89	82	77	73		80	76	72		79	75	72		78	74	72		70			
7	87	78	73	69		85	78	72	69		76	72	68		75	71	68		74	70	68		66			
8	83	74	69	65		82	74	68	65		73	68	65		72	67	64		71	67	64		63			
9	79	71	65	61		78	70	65	61		69	64	61		68	64	61		68	64	61		60			
10	76	67	62	58		75	67	62	58		66	61	58		65	61	58		65	61	58		57			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	216605
5°	214593
10°	223220
15°	220115
20°	202994
25°	165155
30°	100319
35°	34720
40°	9904
45°	4745
50°	2013
55°	879
60°	1009
65°	934
70°	769
75°	1017
80°	758
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 4745 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	94.2	12.1
10°-20°	269.5	34.5
20°-30°	300.4	38.5
30°-40°	98.3	12.6
40°-50°	13.0	1.7
50°-60°	2.7	0.3
60°-70°	1.6	0.2
70°-80°	1.0	0.1
80°-90°	0.2	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°	664.2	85.0
0°-40°	762.5	97.6
0°-60°	778.1	99.6
0°-90°	781.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	781.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	988	
5°	975	94
15°	970	269
25°	683	300
35°	130	98
45°	15	13
55°	2	3
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	987.8
2.5°	980.8
5°	974.9
7.5°	989.0
10°	1002.5
12.5°	995.5
15°	969.6
17.5°	928.6
20°	869.9
22.5°	788.9
25°	682.6
27.5°	547.6
30°	396.2
32.5°	243.0
35°	129.7
37.5°	65.7
40°	34.6
42.5°	22.3
45°	15.3
47.5°	10.6
50°	5.9
52.5°	3.5
55°	2.3
57.5°	2.3
60°	2.3
62.5°	1.8
65°	1.8
67.5°	1.2
70°	1.2
72.5°	1.2
75°	1.2
77.5°	0.6
80°	0.6
82.5°	0.6
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)