

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: P1283798

Luminaire Tested: P3AS09R55B2750DE010 E3DLD1H_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1283798
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-34)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R55B2750DE010 E3DLD1H_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R55 optic, 3000K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

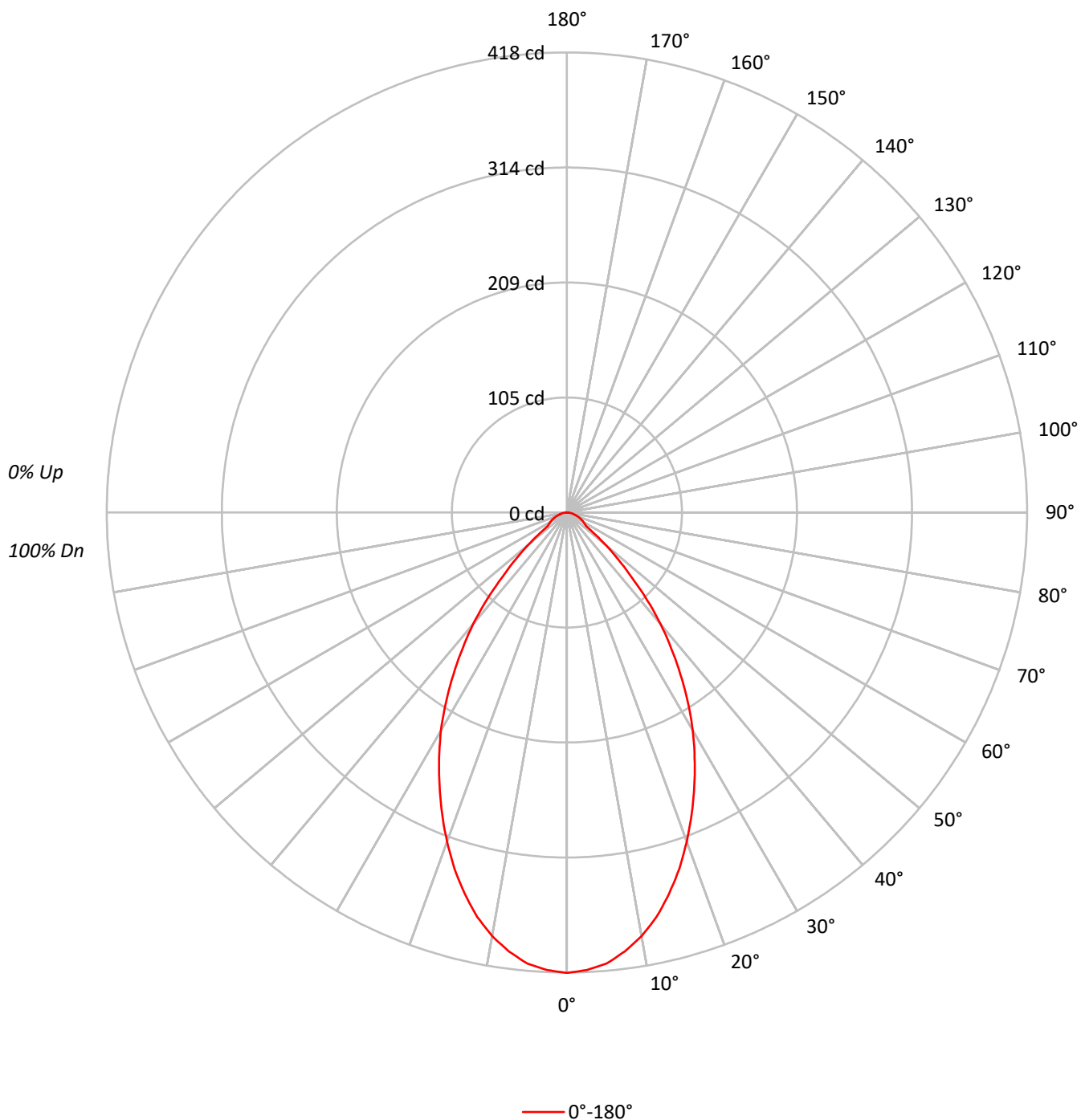
Lumens per Lamp: N/A
Luminaire Lumens: 488.0 lumens
Efficiency: N/A
Efficacy: 37.3 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	112	109	106	103		110	107	104	102		103	100	98		99	97	95		95	94	93		91			
2	105	100	95	91		103	98	93	90		94	91	88		91	88	86		89	86	84		82			
3	99	91	85	81		97	90	84	80		87	82	79		85	81	77		82	79	76		74			
4	93	84	77	72		91	83	77	72		80	75	71		78	74	70		76	73	69		68			
5	87	77	71	66		85	76	70	65		75	69	65		73	68	64		71	67	64		62			
6	82	72	65	60		80	71	64	60		69	64	59		68	63	59		66	62	58		57			
7	77	67	60	55		76	66	59	55		65	59	54		63	58	54		62	57	54		52			
8	73	62	55	51		72	62	55	51		60	55	50		59	54	50		58	53	50		48			
9	69	58	51	47		68	58	51	47		57	51	47		56	50	46		55	50	46		45			
10	65	55	48	44		64	54	48	44		53	47	43		52	47	43		52	47	43		42			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	91747
5°	90579
10°	87017
15°	81385
20°	74253
25°	66246
30°	57933
35°	48131
40°	37957
45°	25739
50°	15727
55°	8143
60°	7587
65°	7160
70°	6668
75°	5846
80°	5809
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 25739 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	38.6	7.9
10°-20°	100.2	20.5
20°-30°	125.5	25.7
30°-40°	112.0	22.9
40°-50°	65.6	13.4
50°-60°	22.7	4.6
60°-70°	13.7	2.8
70°-80°	7.6	1.6
80°-90°	2.2	0.5
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°	264.3	54.2
0°-40°	376.3	77.1
0°-60°	464.5	95.2
0°-90°	488.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	488.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	418	
5°	412	39
15°	358	100
25°	274	125
35°	180	112
45°	83	66
55°	21	23
65°	14	14
75°	7	8
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	418.4
2.5°	416.1
5°	411.5
7.5°	402.3
10°	390.8
12.5°	376.4
15°	358.5
17.5°	339.5
20°	318.2
22.5°	296.3
25°	273.8
27.5°	251.3
30°	228.8
32.5°	204.6
35°	179.8
37.5°	155.6
40°	132.6
42.5°	107.8
45°	83.0
47.5°	63.4
50°	46.1
52.5°	30.0
55°	21.3
57.5°	19.0
60°	17.3
62.5°	15.6
65°	13.8
67.5°	12.1
70°	10.4
72.5°	8.6
75°	6.9
77.5°	5.8
80°	4.6
82.5°	2.9
85°	1.7
87.5°	1.2
90°	0.0

(END OF REPORT)