

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: P1283807

Luminaire Tested: P3AS09R55B2750DE010 E3DLD1MW_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1283807
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 E3DLD1MW_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R55 optic, 2700K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

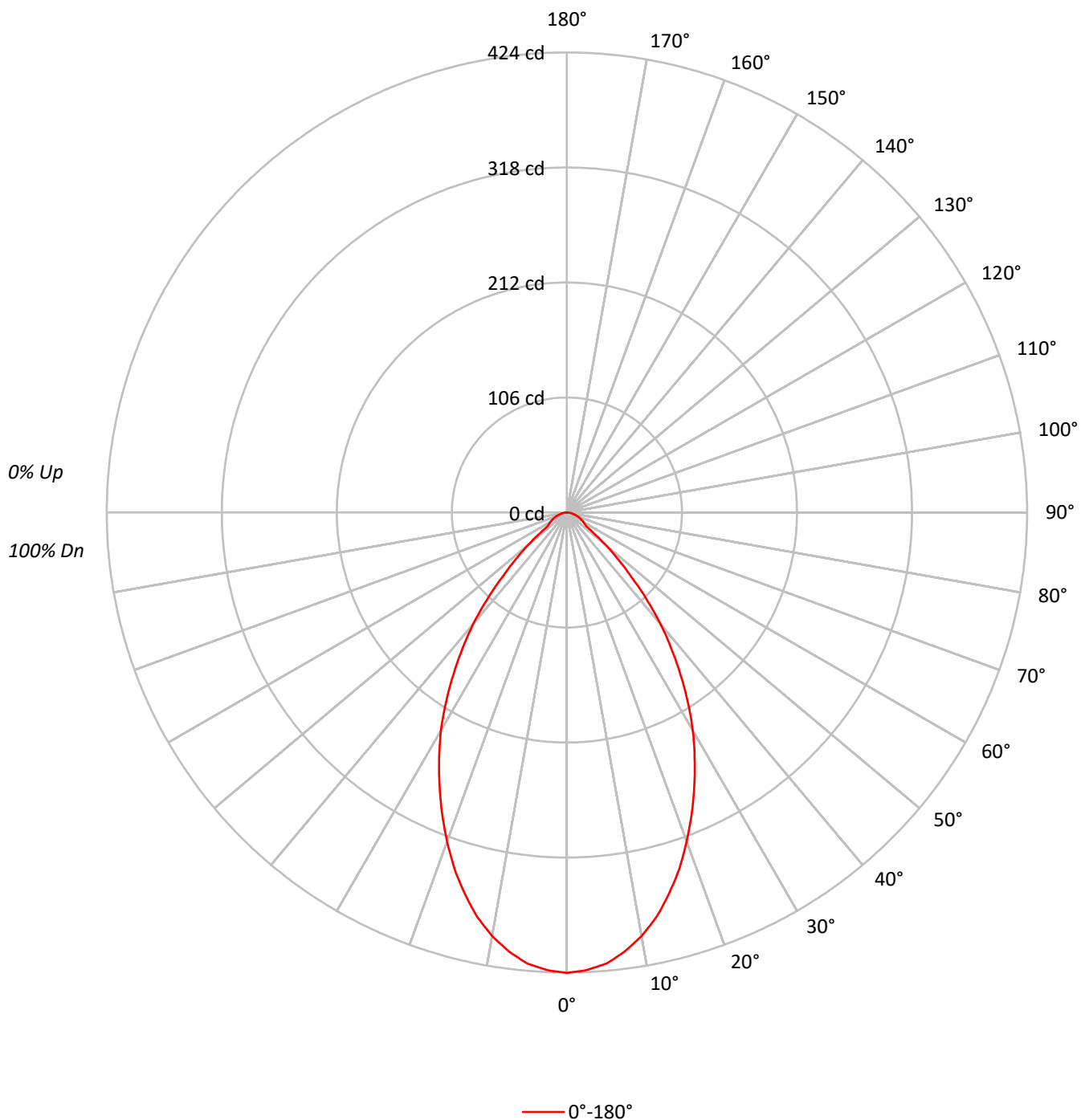
Lumens per Lamp: N/A
Luminaire Lumens: 495.0 lumens
Efficiency: N/A
Efficacy: 37.8 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
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	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°	93063
5°	91877
10°	88264
15°	82543
20°	75303
25°	67189
30°	58769
35°	48827
40°	38501
45°	26111
50°	15965
55°	8258
60°	7675
65°	7264
70°	6732
75°	5931
80°	5935
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 26111 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	39.1	7.9
10°-20°	101.6	20.5
20°-30°	127.3	25.7
30°-40°	113.6	23.0
40°-50°	66.5	13.4
50°-60°	23.0	4.6
60°-70°	13.9	2.8
70°-80°	7.7	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°	268.1	54.2
0°-40°	381.7	77.1
0°-60°	471.2	95.2
0°-90°	495.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	495.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	424	
5°	417	39
15°	364	102
25°	278	127
35°	182	114
45°	84	67
55°	22	23
65°	14	14
75°	7	8
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	424.4
2.5°	422.1
5°	417.4
7.5°	408.1
10°	396.4
12.5°	381.8
15°	363.6
17.5°	344.4
20°	322.7
22.5°	300.5
25°	277.7
27.5°	254.9
30°	232.1
32.5°	207.5
35°	182.4
37.5°	157.9
40°	134.5
42.5°	109.3
45°	84.2
47.5°	64.3
50°	46.8
52.5°	30.4
55°	21.6
57.5°	19.3
60°	17.5
62.5°	15.8
65°	14.0
67.5°	12.3
70°	10.5
72.5°	8.8
75°	7.0
77.5°	5.8
80°	4.7
82.5°	2.9
85°	1.8
87.5°	1.2
90°	0.0

(END OF REPORT)