

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: P1283748

Luminaire Tested: P3AS09R55B2750DE010 E3D1MW_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1283748
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 E3D1MW_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R55 optic, 3000K CCT AND, 90CRI , E3D1MW TRIM
Light Source: -
Ballast/Driver: -

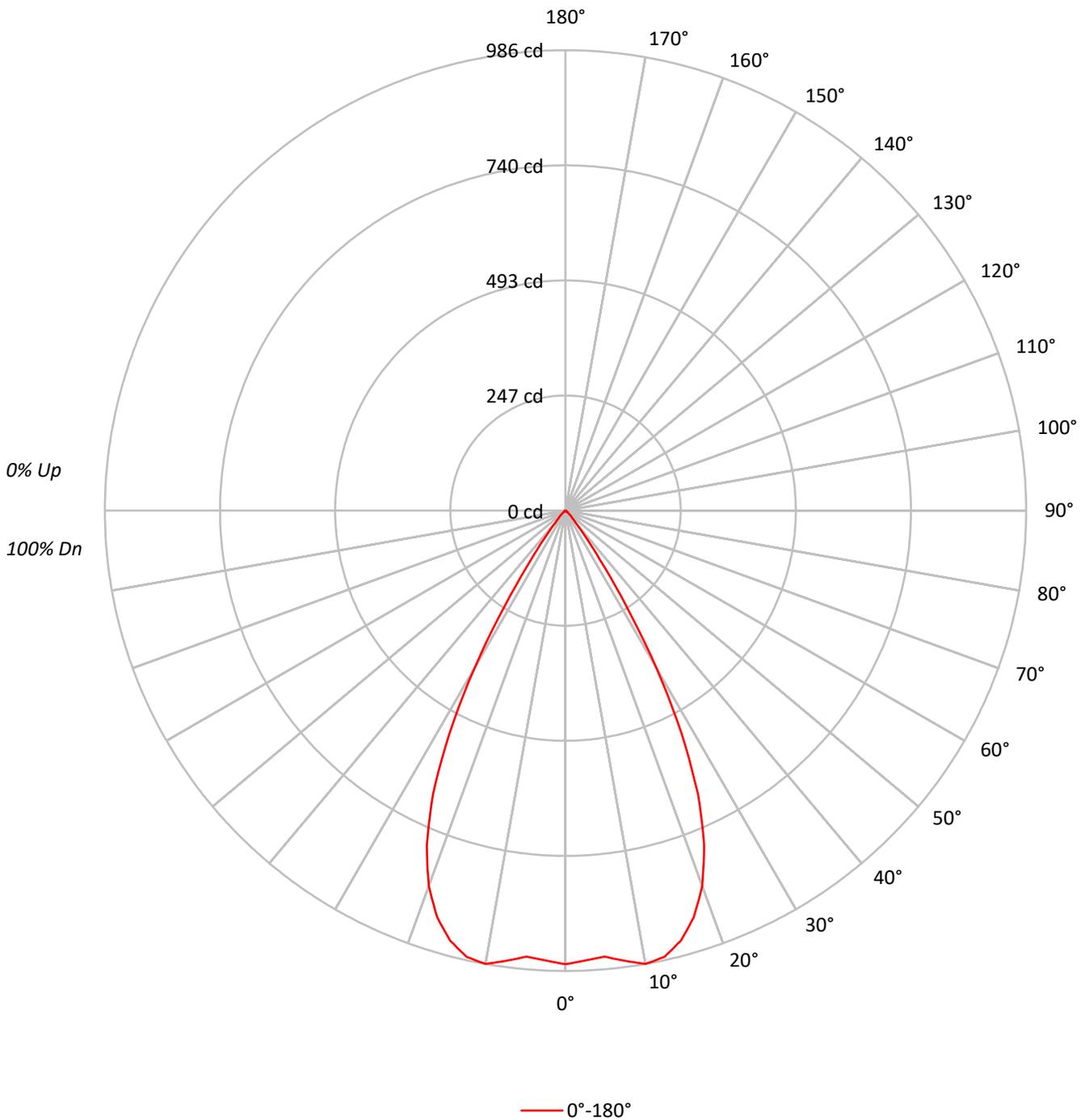
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 768.1 lumens
Efficiency: N/A
Efficacy: 58.6 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				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	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100
1	114	111	109	107	112	109	107	105	105	104	102	101	100	99	98	97	96	94	94	94	94
2	109	104	101	98	107	103	99	96	100	97	94	97	94	92	94	92	90	89	94	92	89
3	104	98	94	90	102	97	93	89	94	91	88	92	89	86	90	87	85	84	90	87	85
4	99	92	87	84	98	91	87	83	89	85	82	87	84	81	85	83	80	79	85	83	80
5	95	87	82	78	93	86	81	78	85	80	77	83	79	76	82	78	76	74	82	78	76
6	91	83	77	73	89	82	77	73	80	76	72	79	75	72	78	74	72	70	78	74	72
7	87	78	73	69	85	78	72	69	76	72	68	75	71	68	74	70	68	66	74	70	68
8	83	74	69	65	82	74	68	65	73	68	65	72	67	64	71	67	64	63	71	67	64
9	79	71	65	61	78	70	65	61	69	64	61	68	64	61	68	64	61	60	68	64	61
10	76	67	62	58	75	67	62	58	66	61	58	65	61	58	65	61	58	57	65	61	58

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	213009
5°	211027
10°	219502
15°	216460
20°	199611
25°	162421
30°	98648
35°	34158
40°	9761
45°	4652
50°	1979
55°	879
60°	1009
65°	882
70°	769
75°	1017
80°	758
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 4652 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	92.7	12.1
10°-20°	265.0	34.5
20°-30°	295.4	38.5
30°-40°	96.7	12.6
40°-50°	12.7	1.7
50°-60°	2.7	0.4
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°	653.1	85.0
0°-40°	749.8	97.6
0°-60°	765.2	99.6
0°-90°	768.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	768.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	971	
5°	959	93
15°	954	265
25°	671	295
35°	128	97
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°	971.4
2.5°	964.5
5°	958.7
7.5°	972.6
10°	985.8
12.5°	978.9
15°	953.5
17.5°	913.1
20°	855.4
22.5°	775.7
25°	671.3
27.5°	538.5
30°	389.6
32.5°	239.0
35°	127.6
37.5°	64.6
40°	34.1
42.5°	21.9
45°	15.0
47.5°	10.4
50°	5.8
52.5°	3.5
55°	2.3
57.5°	2.3
60°	2.3
62.5°	1.7
65°	1.7
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)