

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: P1283821

Luminaire Tested: P3AS09R55B2750DE010 E3DLD1WMH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1283821
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 E3DLD1WMH_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R55 optic, 5000K CCT AND, 80CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

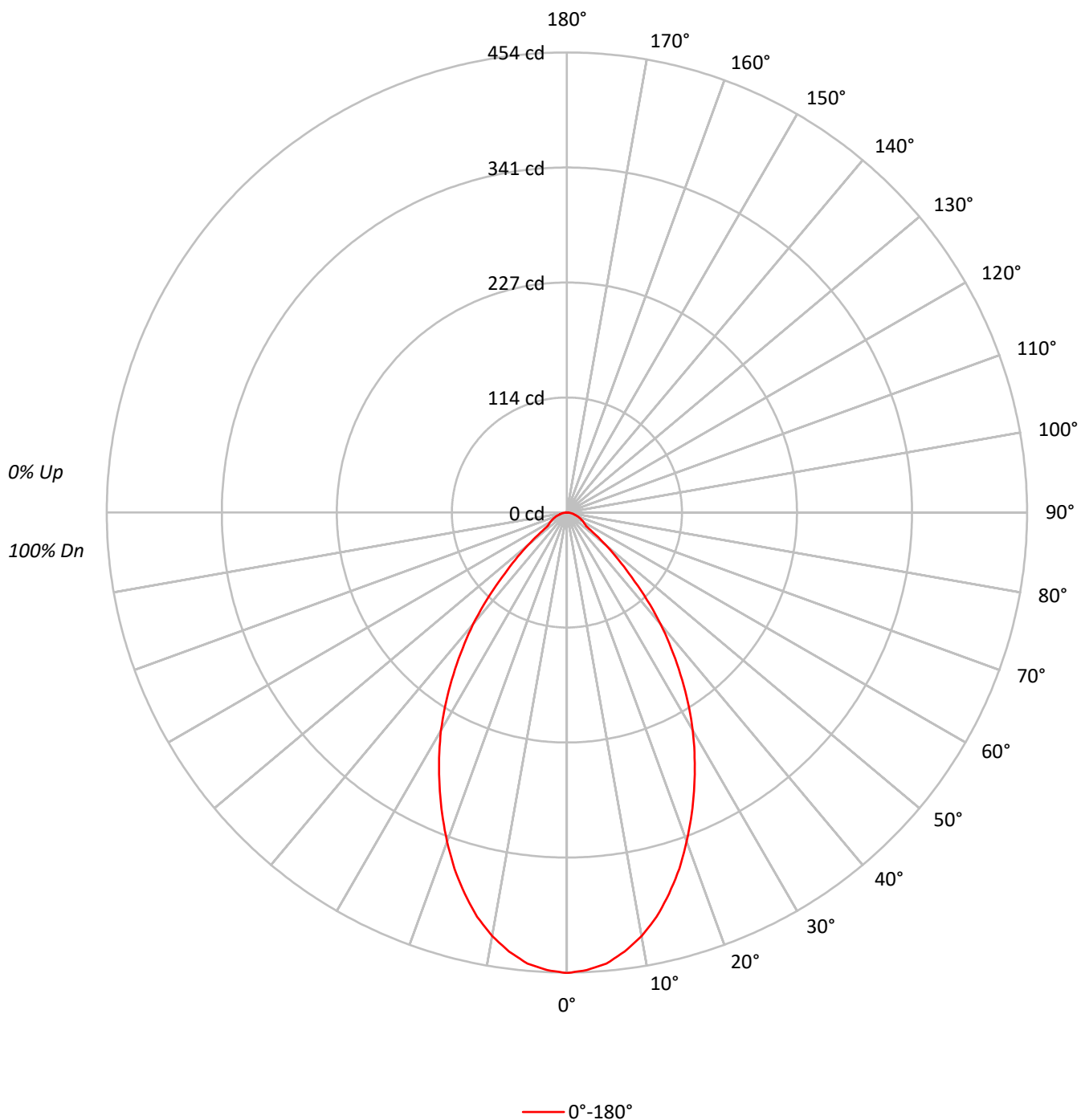
Lumens per Lamp: N/A
Luminaire Lumens: 530.1 lumens
Efficiency: N/A
Efficacy: 40.5 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	112	109	106	103	110	107	104	102	103	100	98		99	97	95		95
2	105	100	95	91	103	98	93	90	94	91	88		91	88	86		89
3	99	91	85	81	97	90	84	80	87	82	79		85	81	77		82
4	93	84	77	72	91	83	77	72	80	75	71		78	74	70		76
5	87	77	71	66	85	76	70	65	75	69	65		73	68	64		71
6	82	72	65	60	80	71	64	60	69	64	59		68	63	59		66
7	77	67	60	55	76	66	59	55	65	59	54		63	58	54		62
8	73	62	55	51	72	62	55	51	60	54	50		59	54	50		58
9	69	58	51	47	68	58	51	47	57	51	47		56	50	46		55
10	65	55	48	44	64	54	48	44	53	47	43		52	47	43		52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	99663
5°	98371
10°	94498
15°	88400
20°	80624
25°	71932
30°	62921
35°	52280
40°	41220
45°	27941
50°	17091
55°	8869
60°	8245
65°	7783
70°	7245
75°	6354
80°	6314
85°	4780

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 27941 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	41.9	7.9
10°-20°	108.8	20.5
20°-30°	136.3	25.7
30°-40°	121.6	22.9
40°-50°	71.2	13.4
50°-60°	24.6	4.6
60°-70°	14.9	2.8
70°-80°	8.3	1.6
80°-90°	2.4	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°	287.0	54.1
0°-40°	408.7	77.1
0°-60°	504.5	95.2
0°-90°	530.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	530.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	454	
5°	447	42
15°	389	109
25°	297	136
35°	195	122
45°	90	71
55°	23	25
65°	15	15
75°	8	8
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	454.5
2.5°	452.0
5°	446.9
7.5°	436.9
10°	424.4
12.5°	408.8
15°	389.4
17.5°	368.7
20°	345.5
22.5°	321.8
25°	297.3
27.5°	272.9
30°	248.5
32.5°	222.2
35°	195.3
37.5°	169.0
40°	144.0
42.5°	117.1
45°	90.1
47.5°	68.9
50°	50.1
52.5°	32.6
55°	23.2
57.5°	20.7
60°	18.8
62.5°	16.9
65°	15.0
67.5°	13.1
70°	11.3
72.5°	9.4
75°	7.5
77.5°	6.3
80°	5.0
82.5°	3.1
85°	1.9
87.5°	1.3
90°	0.0

(END OF REPORT)