

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: P1283793

Luminaire Tested: P3AS09R55B2750DE010 E3DLD1GPH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1283793
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 E3DLD1GPH_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R55 optic, 3000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

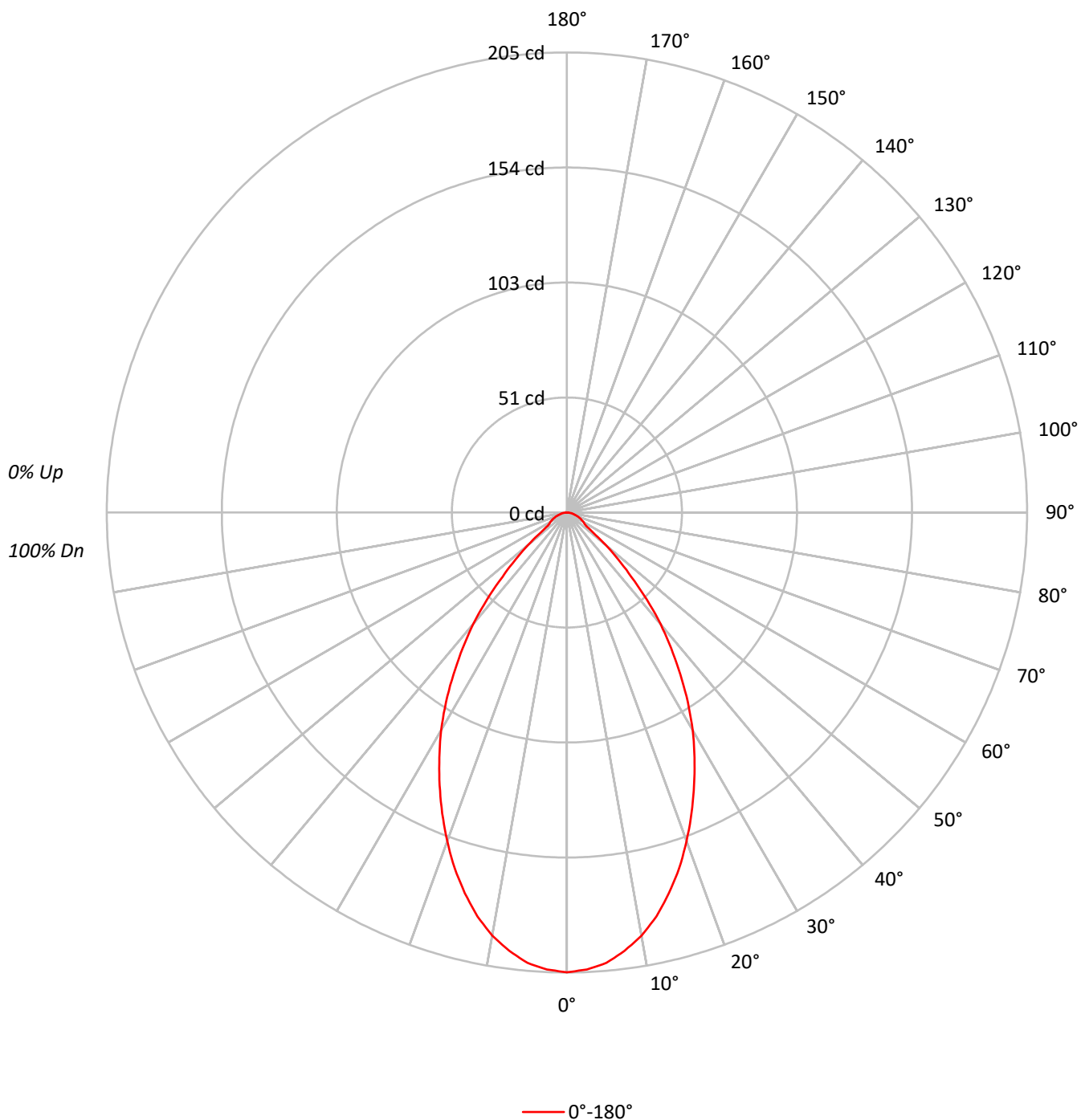
Lumens per Lamp: N/A
Luminaire Lumens: 239.0 lumens
Efficiency: N/A
Efficacy: 18.2 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	44931
5°	44354
10°	42618
15°	39864
20°	36356
25°	32445
30°	28384
35°	23584
40°	18578
45°	12590
50°	7710
55°	3976
60°	3728
65°	3528
70°	3270
75°	2881
80°	2904
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12590 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.9	7.9
10°-20°	49.1	20.5
20°-30°	61.5	25.7
30°-40°	54.9	23.0
40°-50°	32.1	13.4
50°-60°	11.1	4.6
60°-70°	6.7	2.8
70°-80°	3.7	1.6
80°-90°	1.1	0.4
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°	129.4	54.2
0°-40°	184.3	77.1
0°-60°	227.5	95.2
0°-90°	239.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	239.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	205	
5°	202	19
15°	176	49
25°	134	61
35°	88	55
45°	41	32
55°	10	11
65°	7	7
75°	3	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	204.9
2.5°	203.8
5°	201.5
7.5°	197.0
10°	191.4
12.5°	184.3
15°	175.6
17.5°	166.3
20°	155.8
22.5°	145.1
25°	134.1
27.5°	123.1
30°	112.1
32.5°	100.2
35°	88.1
37.5°	76.2
40°	64.9
42.5°	52.8
45°	40.6
47.5°	31.1
50°	22.6
52.5°	14.7
55°	10.4
57.5°	9.3
60°	8.5
62.5°	7.6
65°	6.8
67.5°	5.9
70°	5.1
72.5°	4.2
75°	3.4
77.5°	2.8
80°	2.3
82.5°	1.4
85°	0.8
87.5°	0.6
90°	0.0

(END OF REPORT)