

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: P1282111

Luminaire Tested: P3AS05R55B2750DE010 E3DLP1LI_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1282111
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-33)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R55B2750DE010 E3DLP1LI_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R55 optic, 5000K CCT AND, 80CRI , E3DLP1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

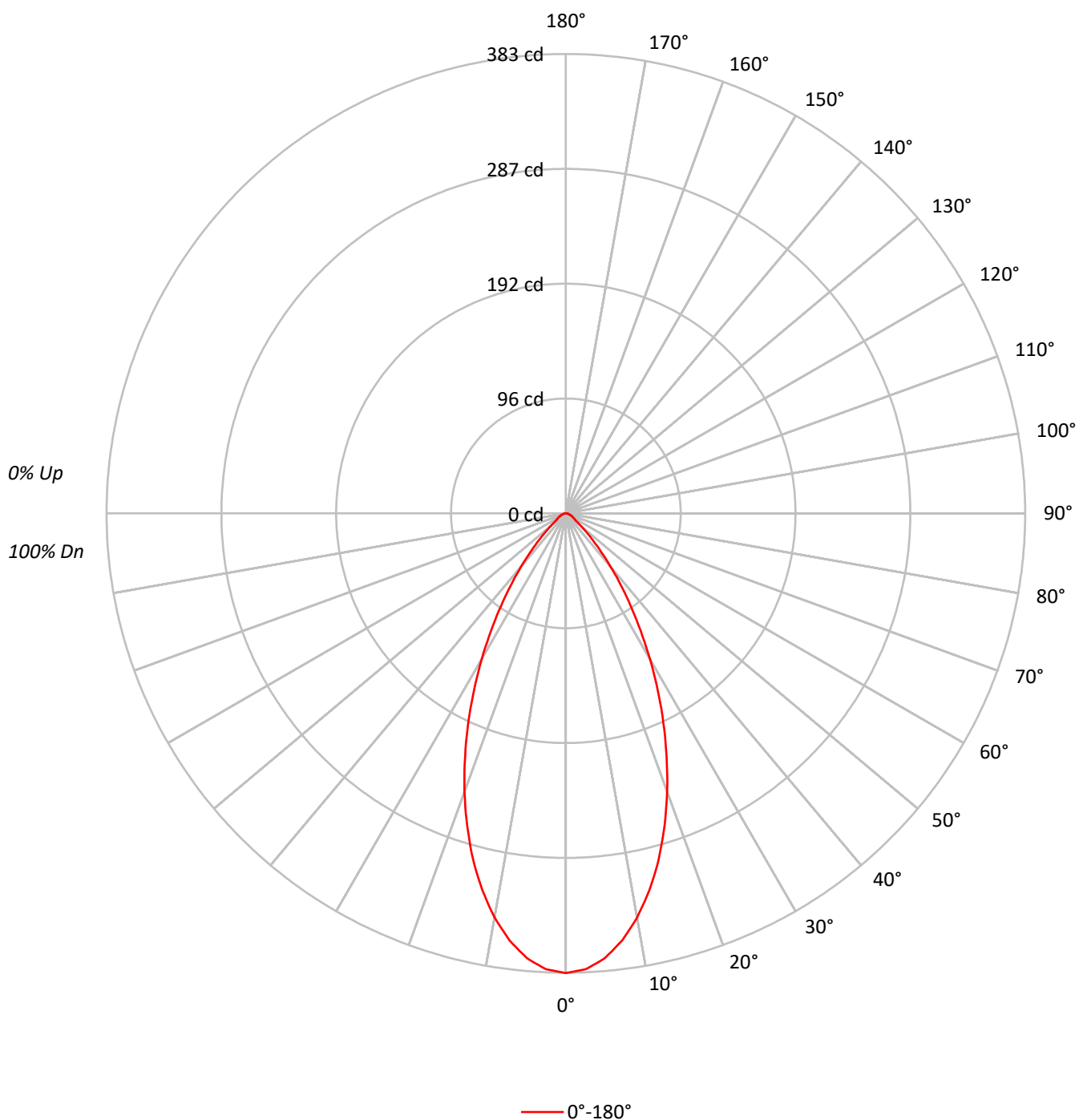
Lumens per Lamp: N/A
Luminaire Lumens: 309.0 lumens
Efficiency: N/A
Efficacy: 52.4 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.8
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 5.9
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					0
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	113	110	107	105	110	108	105	103	104	102	100	100	98	97	97	95	94	92		
2	107	102	97	94	105	100	96	93	97	93	91	94	91	89	91	89	87	85		
3	101	94	89	85	99	93	88	84	90	86	83	88	84	81	85	83	80	79		
4	96	88	82	77	94	87	81	77	84	80	76	82	78	75	80	77	74	73		
5	91	82	76	71	89	81	75	71	79	74	70	77	73	70	76	72	69	67		
6	86	77	70	66	84	76	70	66	74	69	65	73	68	65	72	68	64	63		
7	82	72	66	61	80	71	65	61	70	65	61	69	64	60	68	63	60	59		
8	78	68	62	57	76	67	61	57	66	61	57	65	60	57	64	60	56	55		
9	74	64	58	54	73	63	58	54	62	57	53	62	57	53	61	56	53	52		
10	70	60	55	51	69	60	54	50	59	54	50	58	54	50	58	53	50	49		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	84050
5°	81950
10°	76195
15°	67855
20°	57662
25°	46527
30°	35474
35°	25217
40°	16660
45°	9861
50°	5799
55°	3555
60°	3158
65°	2854
70°	2436
75°	2118
80°	2147
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 9861 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	34.6	11.2
10°-20°	82.9	26.8
20°-30°	87.8	28.4
30°-40°	59.3	19.2
40°-50°	26.0	8.4
50°-60°	9.3	3.0
60°-70°	5.5	1.8
70°-80°	2.8	0.9
80°-90°	0.9	0.3
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°	205.2	66.4
0°-40°	264.5	85.6
0°-60°	299.8	97.0
0°-90°	309.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	309.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	383	
5°	372	35
15°	299	83
25°	192	88
35°	94	59
45°	32	26
55°	9	9
65°	6	5
75°	2	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	383.3
2.5°	380.4
5°	372.3
7.5°	359.1
10°	342.2
12.5°	321.8
15°	298.9
17.5°	273.4
20°	247.1
22.5°	219.5
25°	192.3
27.5°	165.6
30°	140.1
32.5°	115.9
35°	94.2
37.5°	74.7
40°	58.2
42.5°	43.7
45°	31.8
47.5°	23.3
50°	17.0
52.5°	11.9
55°	9.3
57.5°	8.5
60°	7.2
62.5°	6.4
65°	5.5
67.5°	4.7
70°	3.8
72.5°	3.4
75°	2.5
77.5°	2.1
80°	1.7
82.5°	1.3
85°	0.8
87.5°	0.4
90°	0.0

(END OF REPORT)