

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: P1285575

Luminaire Tested: P3AS13R55B2750DE010 E3DLP1WMH_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1285575
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: P3AS13R55B2750DE010 E3DLP1WMH_4000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R55 optic, 4000K CCT AND, 80CRI , E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

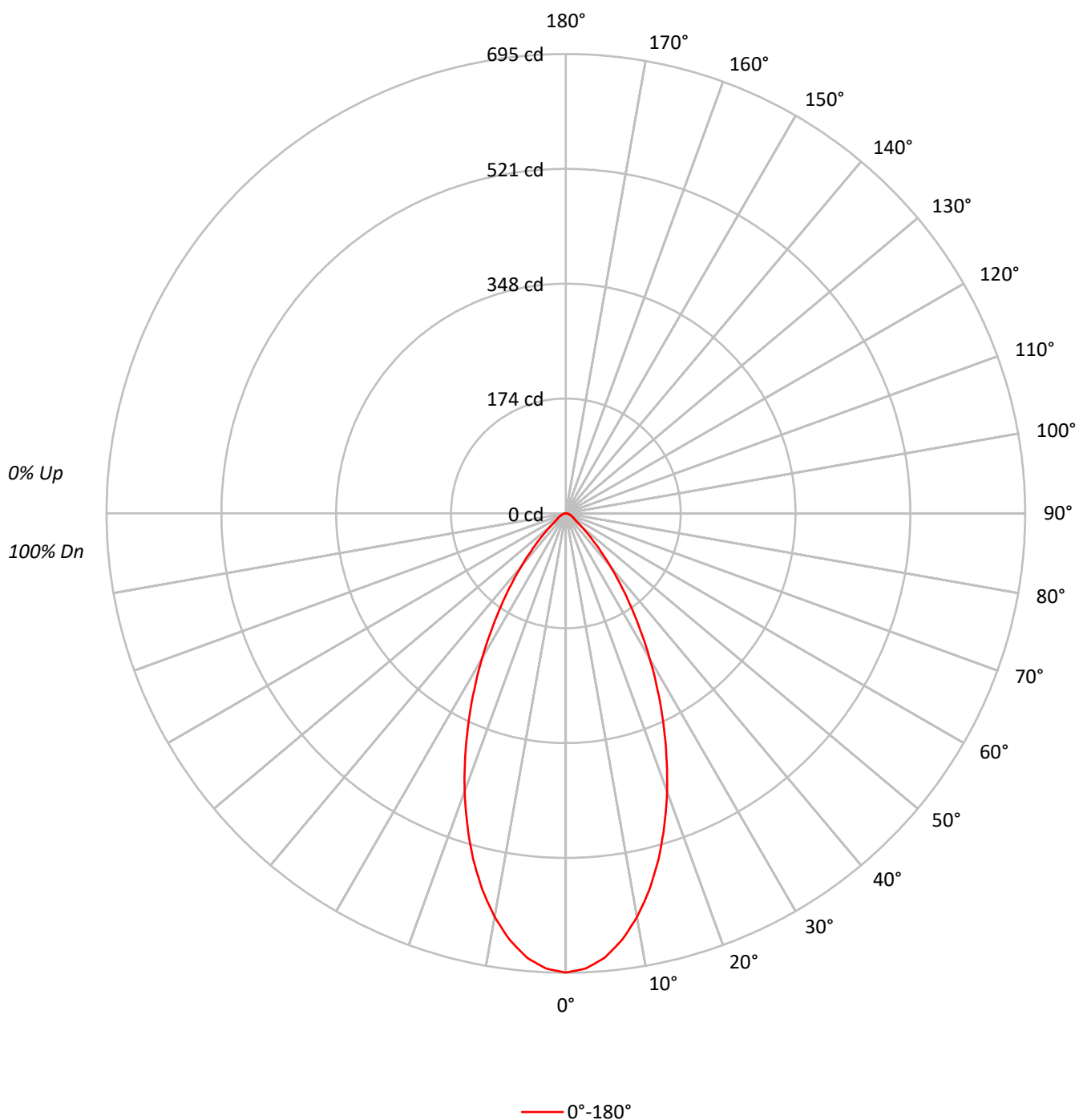
Lumens per Lamp: N/A
Luminaire Lumens: 560.0 lumens
Efficiency: N/A
Efficacy: 29.3 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.8
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 19.1
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	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°	152334
5°	148514
10°	138074
15°	122952
20°	104496
25°	84319
30°	64288
35°	45722
40°	30171
45°	17893
50°	10507
55°	6461
60°	5745
65°	5189
70°	4424
75°	3897
80°	3915
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17893 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	62.6	11.2
10°-20°	150.2	26.8
20°-30°	159.0	28.4
30°-40°	107.5	19.2
40°-50°	47.1	8.4
50°-60°	16.9	3.0
60°-70°	9.9	1.8
70°-80°	5.2	0.9
80°-90°	1.7	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°	371.8	66.4
0°-40°	479.3	85.6
0°-60°	543.2	97.0
0°-90°	560.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	560.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	695	
5°	675	63
15°	542	150
25°	348	159
35°	171	107
45°	58	47
55°	17	17
65°	10	10
75°	5	5
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	694.7
2.5°	689.3
5°	674.7
7.5°	650.9
10°	620.1
12.5°	583.2
15°	541.6
17.5°	495.5
20°	447.8
22.5°	397.7
25°	348.5
27.5°	300.0
30°	253.9
32.5°	210.0
35°	170.8
37.5°	135.4
40°	105.4
42.5°	79.2
45°	57.7
47.5°	42.3
50°	30.8
52.5°	21.5
55°	16.9
57.5°	15.4
60°	13.1
62.5°	11.5
65°	10.0
67.5°	8.5
70°	6.9
72.5°	6.2
75°	4.6
77.5°	3.8
80°	3.1
82.5°	2.3
85°	1.5
87.5°	0.8
90°	0.0

(END OF REPORT)