

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: P1285955

Luminaire Tested: P3AS13R70B2750DE010 E3DLP1GPH_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1285955
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-45)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R70B2750DE010 E3DLP1GPH_4000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R70 optic, 4000K CCT AND, 80CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

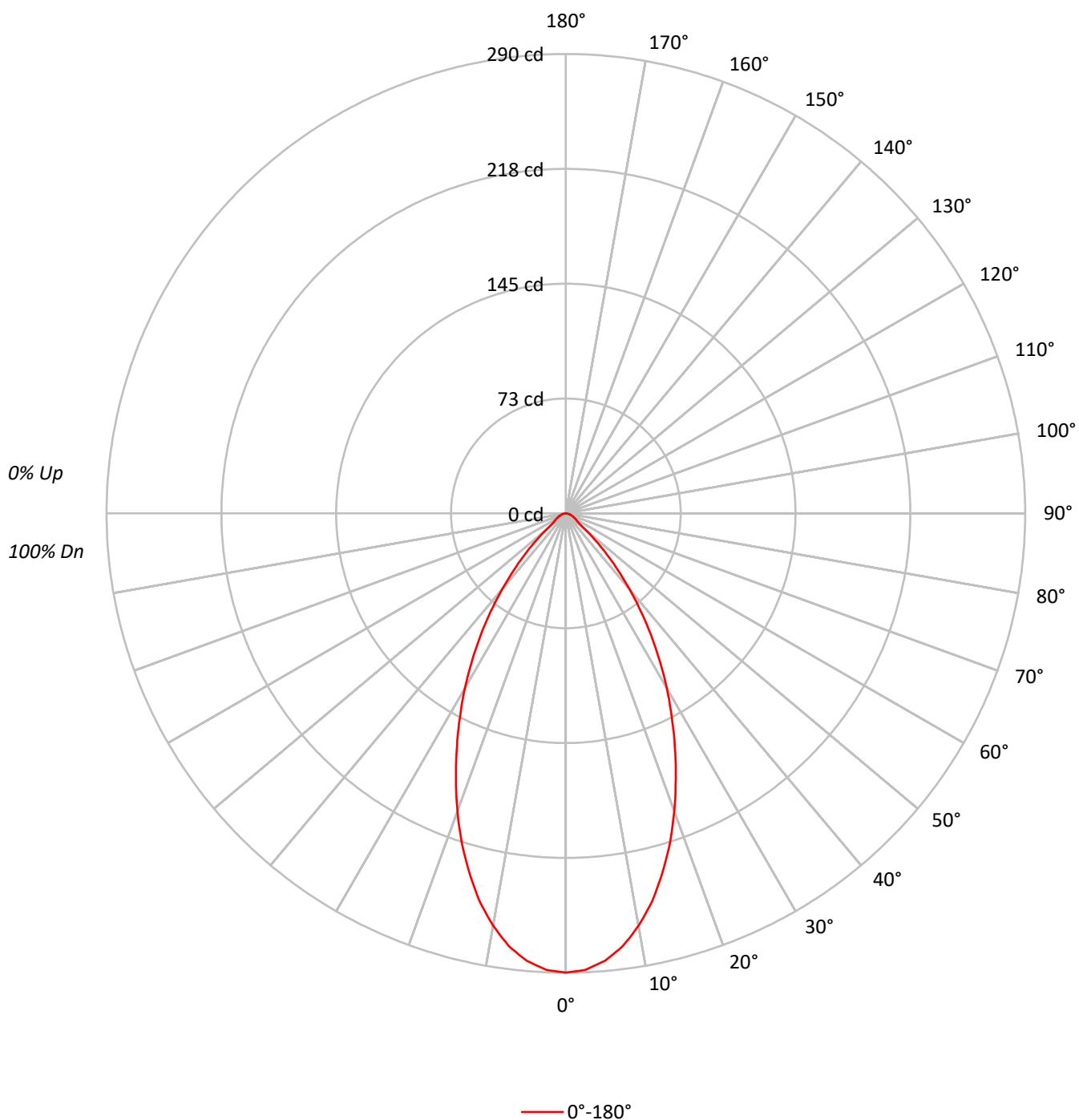
Lumens per Lamp: N/A
Luminaire Lumens: 271.0 lumens
Efficiency: N/A
Efficacy: 14.2 lumens/watt
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	104	110	107	105	103	103	101	100		100	98	97		96	95	94	92
2	106	101	97	93	104	99	95	92	96	93	90		93	90	88		90	88	86	84
3	100	93	88	83	98	92	87	83	89	85	81		87	83	80		84	81	79	77
4	95	86	80	76	93	85	80	75	83	78	74		81	77	73		79	76	73	71
5	89	80	74	69	88	79	73	69	78	72	68		76	71	68		74	70	67	65
6	85	75	68	64	83	74	68	64	73	67	63		71	66	63		70	65	62	61
7	80	70	64	59	79	69	63	59	68	62	58		67	62	58		66	61	58	56
8	76	66	59	55	75	65	59	55	64	58	54		63	58	54		62	57	54	52
9	72	62	55	51	71	61	55	51	60	55	51		59	54	51		58	54	50	49
10	69	58	52	48	67	58	52	48	57	51	48		56	51	48		55	51	47	46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	63569
5°	62404
10°	58850
15°	53394
20°	46717
25°	39389
30°	32258
35°	25029
40°	17919
45°	11350
50°	5663
55°	3441
60°	2982
65°	2750
70°	2436
75°	2203
80°	1894
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11350 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.5	9.8
10°-20°	65.5	24.2
20°-30°	74.5	27.5
30°-40°	58.3	21.5
40°-50°	28.6	10.6
50°-60°	8.8	3.2
60°-70°	5.2	1.9
70°-80°	2.8	1.0
80°-90°	0.8	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°	166.5	61.4
0°-40°	224.8	82.9
0°-60°	262.2	96.7
0°-90°	271.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	271.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	290	
5°	284	26
15°	235	65
25°	163	75
35°	94	58
45°	37	29
55°	9	9
65°	5	5
75°	3	3
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	289.9
2.5°	288.4
5°	283.5
7.5°	275.6
10°	264.3
12.5°	251.1
15°	235.2
17.5°	218.3
20°	200.2
22.5°	181.3
25°	162.8
27.5°	144.8
30°	127.4
32.5°	110.1
35°	93.5
37.5°	77.7
40°	62.6
42.5°	48.6
45°	36.6
47.5°	25.6
50°	16.6
52.5°	10.9
55°	9.0
57.5°	7.9
60°	6.8
62.5°	6.0
65°	5.3
67.5°	4.5
70°	3.8
72.5°	3.0
75°	2.6
77.5°	2.3
80°	1.5
82.5°	1.1
85°	0.8
87.5°	0.4
90°	0.0

(END OF REPORT)