

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: P1284236

Luminaire Tested: P3AS09R70B2750DE010 E3DLP1H_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1284236
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: P3AS09R70B2750DE010 E3DLP1H_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R70 optic, 5000K CCT AND, 80CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

Summary

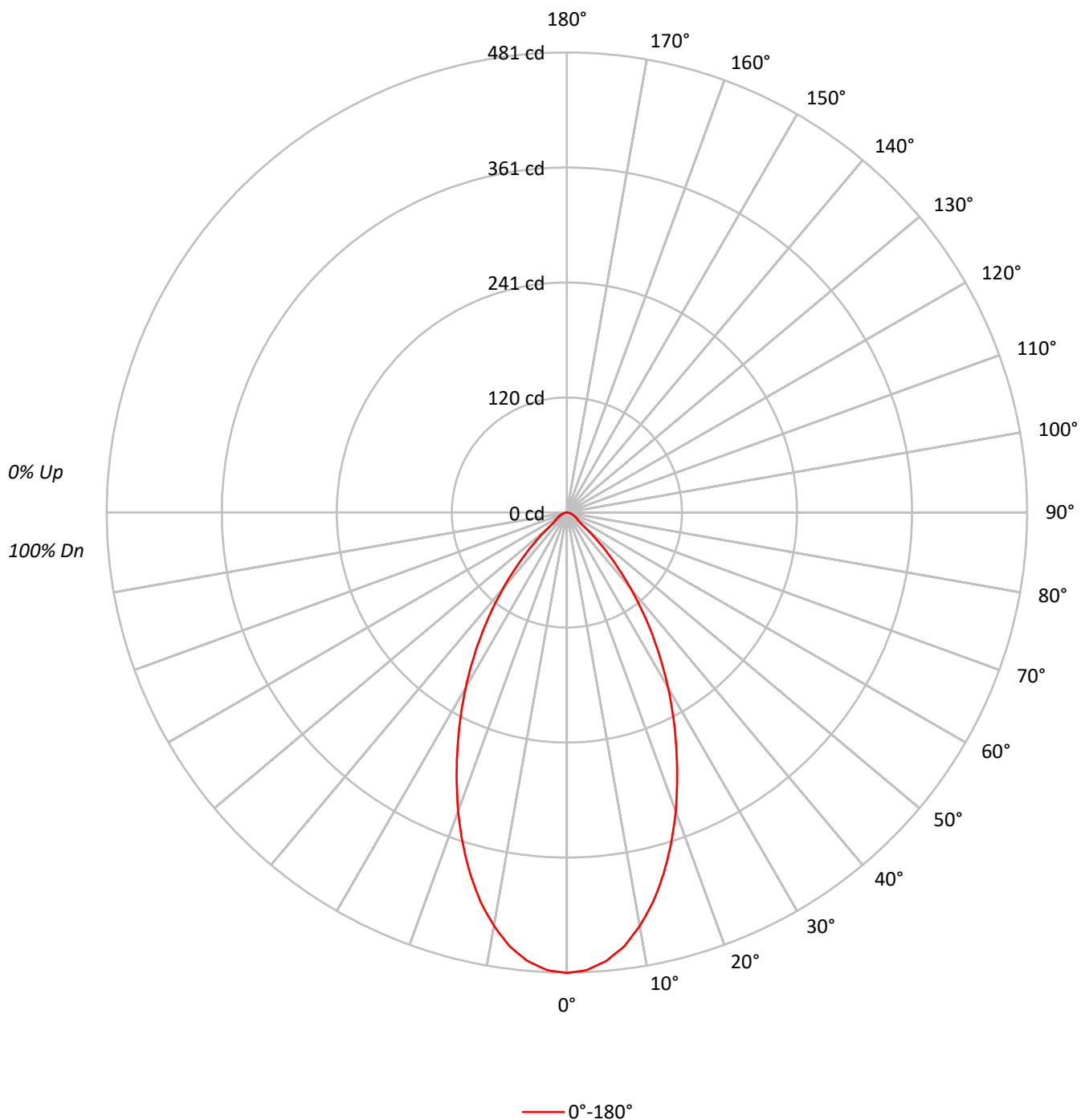
Lumens per Lamp: N/A
Luminaire Lumens: 450.0 lumens
Efficiency: N/A
Efficacy: 34.4 lumens/watt
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	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°	105562
5°	103610
10°	97705
15°	88672
20°	77567
25°	65423
30°	53578
35°	41546
40°	29741
45°	18824
50°	9381
55°	5735
60°	4956
65°	4566
70°	4039
75°	3728
80°	3157
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 18824 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	43.9	9.8
10°-20°	108.7	24.2
20°-30°	123.8	27.5
30°-40°	96.8	21.5
40°-50°	47.5	10.6
50°-60°	14.6	3.2
60°-70°	8.7	1.9
70°-80°	4.6	1.0
80°-90°	1.4	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°	276.4	61.4
0°-40°	373.2	82.9
0°-60°	435.3	96.7
0°-90°	450.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	450.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	481	
5°	471	44
15°	391	109
25°	270	124
35°	155	97
45°	61	48
55°	15	15
65°	9	9
75°	4	5
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	481.4
2.5°	478.9
5°	470.7
7.5°	457.6
10°	438.8
12.5°	416.9
15°	390.6
17.5°	362.4
20°	332.4
22.5°	301.1
25°	270.4
27.5°	240.4
30°	211.6
32.5°	182.8
35°	155.2
37.5°	128.9
40°	103.9
42.5°	80.7
45°	60.7
47.5°	42.6
50°	27.5
52.5°	18.2
55°	15.0
57.5°	13.1
60°	11.3
62.5°	10.0
65°	8.8
67.5°	7.5
70°	6.3
72.5°	5.0
75°	4.4
77.5°	3.8
80°	2.5
82.5°	1.9
85°	1.3
87.5°	0.6
90°	0.0

(END OF REPORT)