

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: P1284117

Luminaire Tested: P3AS09R65B2750DE010 E3DLP1H_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1284117
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-41)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R65B2750DE010 E3DLP1H_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R65 optic, 2700K CCT AND, 90CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

Summary

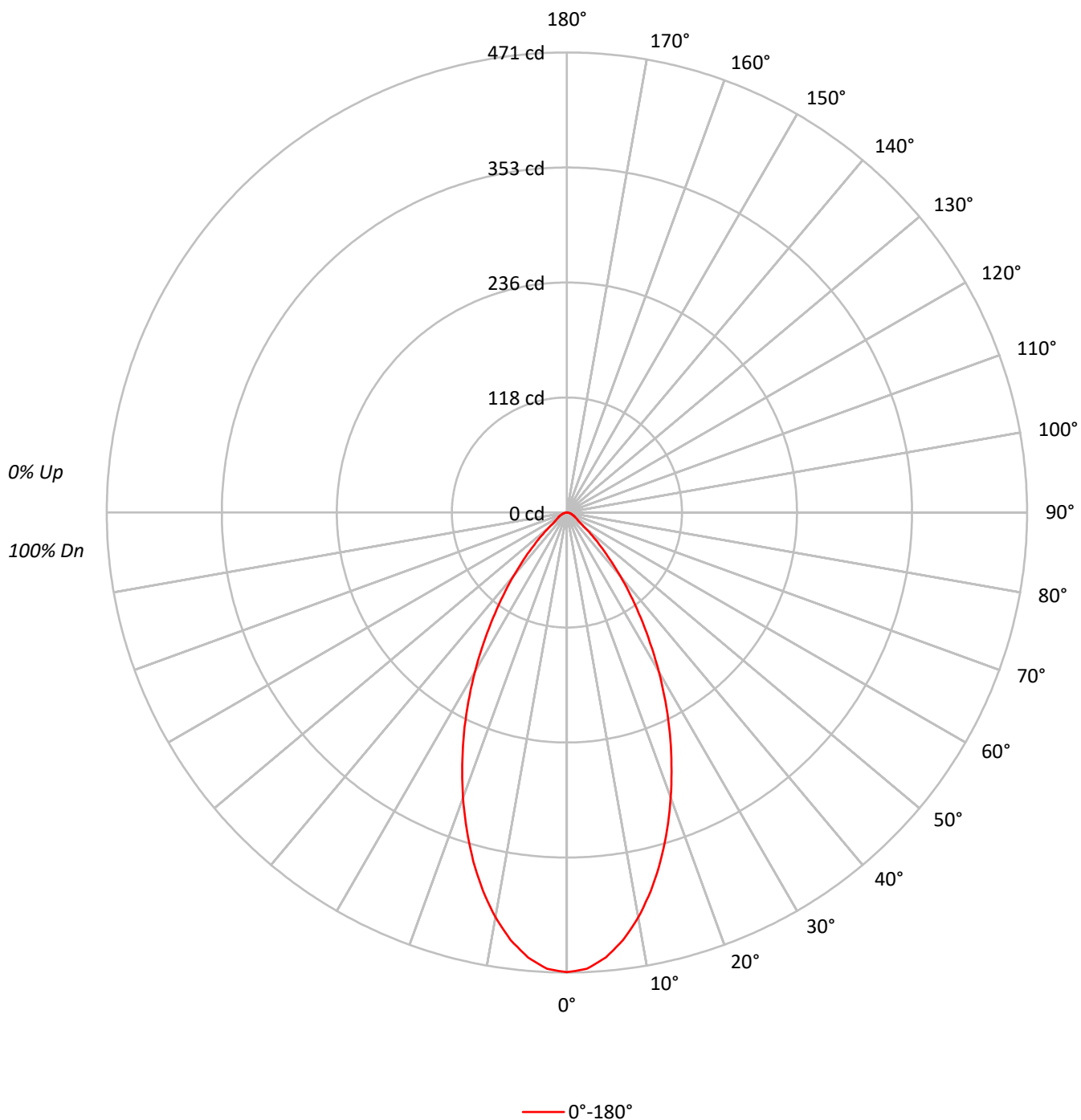
Lumens per Lamp: N/A
Luminaire Lumens: 406.0 lumens
Efficiency: N/A
Efficacy: 31.0 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	105	110	108	105	103	104	102	100		100	98	97		96	95	94	92
2	107	101	97	93	104	100	96	92	96	93	90		93	91	88		90	88	86	85
3	101	94	88	84	99	92	87	83	90	85	82		87	84	81		85	82	79	78
4	95	87	81	76	93	86	80	76	84	79	75		82	78	74		80	76	73	72
5	90	81	75	70	88	80	74	70	78	73	69		77	72	69		75	71	68	66
6	85	76	69	65	84	75	69	65	73	68	64		72	67	64		71	66	63	62
7	81	71	65	60	79	70	64	60	69	64	60		68	63	59		67	62	59	57
8	77	67	60	56	75	66	60	56	65	59	56		64	59	55		63	58	55	54
9	73	63	57	52	72	62	56	52	61	56	52		60	55	52		59	55	52	50
10	69	59	53	49	68	59	53	49	58	53	49		57	52	49		56	52	49	47

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	103193
5°	100638
10°	93719
15°	83973
20°	72526
25°	60342
30°	47577
35°	35255
40°	24303
45°	15071
50°	8187
55°	5161
60°	4386
65°	3943
70°	3398
75°	2965
80°	2904
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 15071 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.5	10.5
10°-20°	102.8	25.3
20°-30°	113.7	28.0
30°-40°	82.6	20.3
40°-50°	38.7	9.5
50°-60°	13.0	3.2
60°-70°	7.5	1.9
70°-80°	3.9	1.0
80°-90°	1.3	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°	259.0	63.8
0°-40°	341.6	84.1
0°-60°	393.3	96.9
0°-90°	406.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	406.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	471	
5°	457	42
15°	370	103
25°	249	114
35°	132	83
45°	49	39
55°	14	13
65°	8	8
75°	4	4
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	470.6
2.5°	467.7
5°	457.2
7.5°	441.4
10°	420.9
12.5°	396.9
15°	369.9
17.5°	340.7
20°	310.8
22.5°	279.8
25°	249.4
27.5°	218.3
30°	187.9
32.5°	158.6
35°	131.7
37.5°	107.1
40°	84.9
42.5°	65.0
45°	48.6
47.5°	35.1
50°	24.0
52.5°	16.4
55°	13.5
57.5°	11.7
60°	10.0
62.5°	8.8
65°	7.6
67.5°	6.4
70°	5.3
72.5°	4.7
75°	3.5
77.5°	2.9
80°	2.3
82.5°	1.8
85°	1.2
87.5°	0.6
90°	0.0

(END OF REPORT)