

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: P1284252

Luminaire Tested: P3AS09R70B2750DE010 E3DLP1WMH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1284252
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 E3DLP1WMH_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R70 optic, 2700K CCT AND, 90CRI , E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

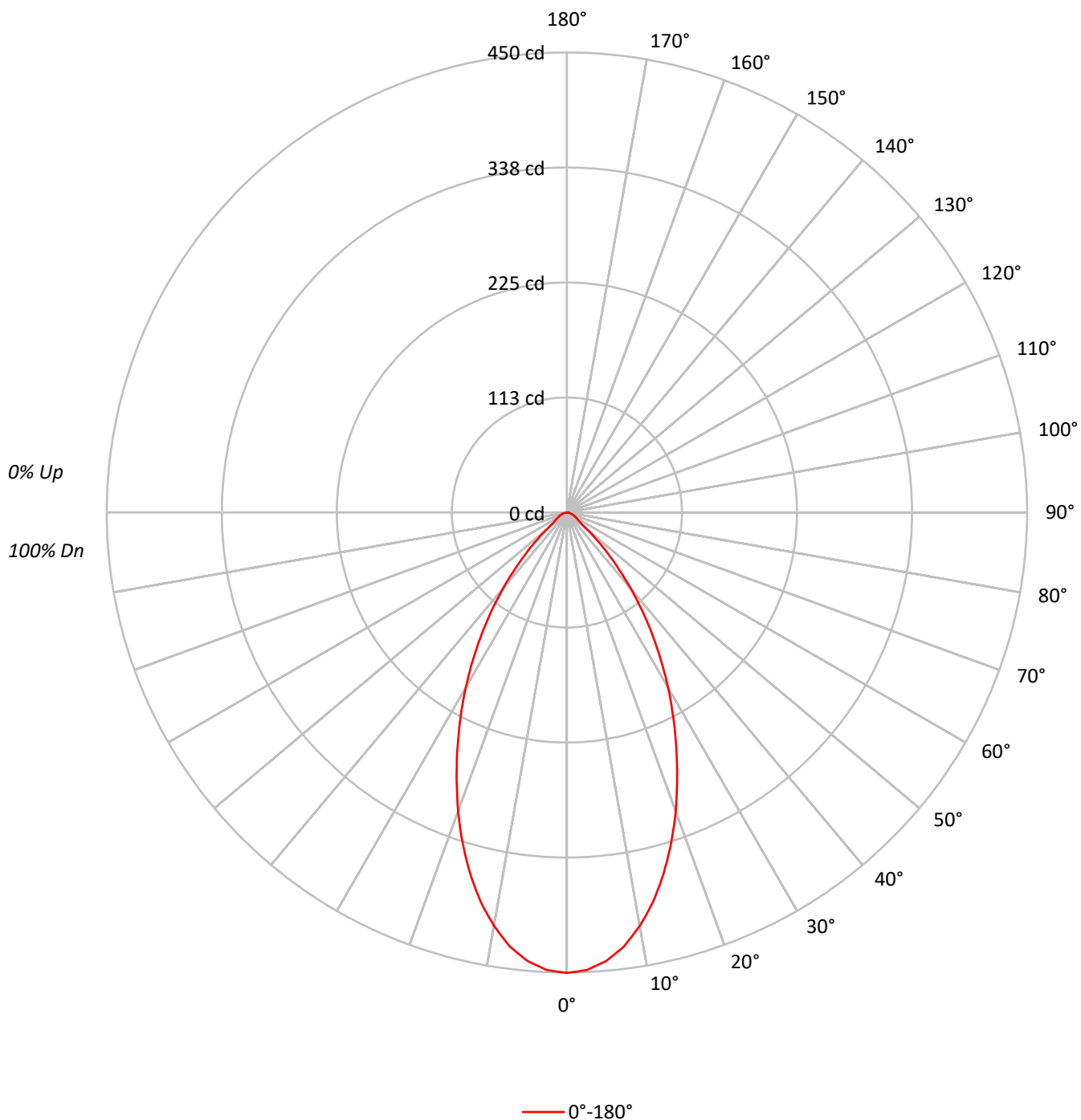
Lumens per Lamp: N/A
Luminaire Lumens: 421.0 lumens
Efficiency: N/A
Efficacy: 32.1 lumens/watt
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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					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°	98742
5°	96940
10°	91403
15°	82952
20°	72573
25°	61213
30°	50109
35°	38869
40°	27824
45°	17614
50°	8801
55°	5390
60°	4605
65°	4255
70°	3783
75°	3474
80°	2904
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17614 cd/sgm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	41.1	9.8
10°-20°	101.7	24.2
20°-30°	115.8	27.5
30°-40°	90.5	21.5
40°-50°	44.5	10.6
50°-60°	13.7	3.3
60°-70°	8.1	1.9
70°-80°	4.3	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°	258.6	61.4
0°-40°	349.1	82.9
0°-60°	407.3	96.7
0°-90°	421.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	421.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	450	
5°	440	41
15°	365	102
25°	253	116
35°	145	91
45°	57	44
55°	14	14
65°	8	8
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	450.3
2.5°	448.0
5°	440.4
7.5°	428.1
10°	410.5
12.5°	390.0
15°	365.4
17.5°	339.1
20°	311.0
22.5°	281.7
25°	253.0
27.5°	224.9
30°	197.9
32.5°	171.0
35°	145.2
37.5°	120.6
40°	97.2
42.5°	75.5
45°	56.8
47.5°	39.8
50°	25.8
52.5°	17.0
55°	14.1
57.5°	12.3
60°	10.5
62.5°	9.4
65°	8.2
67.5°	7.0
70°	5.9
72.5°	4.7
75°	4.1
77.5°	3.5
80°	2.3
82.5°	1.8
85°	1.2
87.5°	0.6
90°	0.0

(END OF REPORT)