

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: P1282982

Luminaire Tested: P3AS09R25B2750DE010 E3PHLD1MW_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1282982
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R25B2750DE010 E3PHLD1MW_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R25 optic, 2700K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

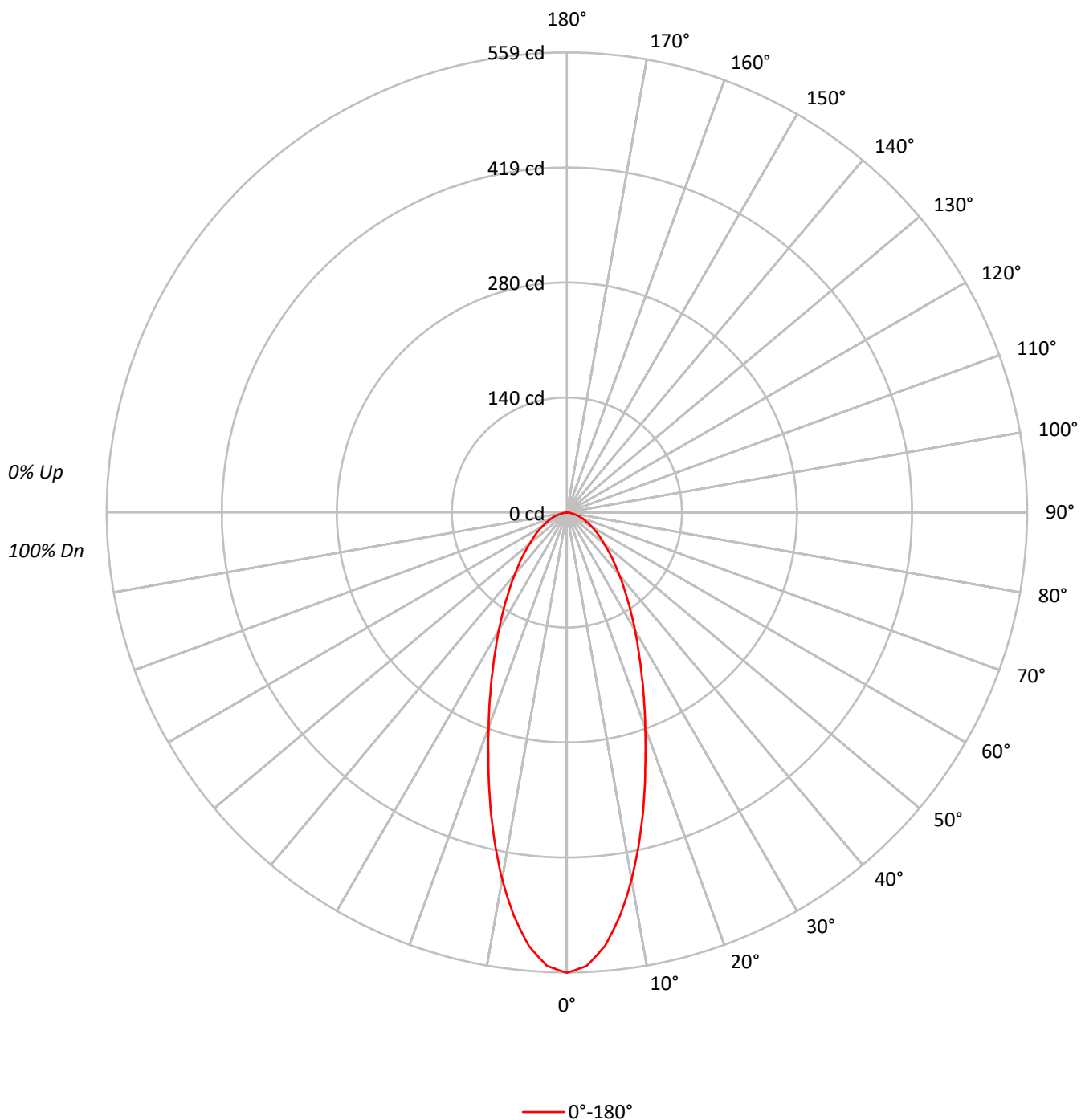
Lumens per Lamp: N/A
Luminaire Lumens: 470.0 lumens
Efficiency: N/A
Efficacy: 35.9 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			
1	112	108	105	102	109	106	103	100	102	99	97	98	96	94	95	93	92	90			
2	104	98	93	89	102	96	92	88	93	89	86	90	87	84	87	84	82	80			
3	97	89	83	78	95	88	82	77	85	80	76	83	78	75	80	77	74	72			
4	91	82	75	70	89	81	74	69	78	73	69	76	72	68	74	70	67	65			
5	86	76	68	63	84	75	68	63	73	67	62	71	66	62	69	65	61	59			
6	81	70	63	58	79	69	62	57	68	62	57	66	61	57	65	60	56	55			
7	76	65	58	53	75	64	58	53	63	57	53	62	56	52	61	56	52	50			
8	72	61	54	49	71	60	54	49	59	53	49	58	53	49	57	52	48	47			
9	68	57	50	46	67	57	50	46	56	50	46	55	49	45	54	49	45	44			
10	65	54	47	43	64	53	47	43	52	47	43	52	46	43	51	46	42	41			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	122644
5°	116399
10°	100822
15°	82089
20°	64849
25°	51705
30°	41931
35°	34158
40°	28282
45°	23847
50°	20161
55°	17777
60°	15569
65°	13594
70°	11925
75°	9997
80°	7450
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 23847 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	48.0	10.2
10°-20°	100.3	21.3
20°-30°	98.8	21.0
30°-40°	80.5	17.1
40°-50°	59.7	12.7
50°-60°	41.7	8.9
60°-70°	26.1	5.6
70°-80°	12.6	2.7
80°-90°	2.4	0.5
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°	247.1	52.6
0°-40°	327.5	69.7
0°-60°	428.9	91.3
0°-90°	470.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	470.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	559	
5°	529	48
15°	362	100
25°	214	99
35°	128	80
45°	77	60
55°	46	42
65°	26	26
75°	12	13
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	559.3
2.5°	551.6
5°	528.8
7.5°	494.2
10°	452.8
12.5°	407.2
15°	361.6
17.5°	316.8
20°	277.9
22.5°	244.1
25°	213.7
27.5°	187.5
30°	165.6
32.5°	145.3
35°	127.6
37.5°	112.4
40°	98.8
42.5°	87.0
45°	76.9
47.5°	67.6
50°	59.1
52.5°	52.4
55°	46.5
57.5°	40.5
60°	35.5
62.5°	30.4
65°	26.2
67.5°	22.0
70°	18.6
72.5°	15.2
75°	11.8
77.5°	8.4
80°	5.9
82.5°	3.4
85°	1.7
87.5°	0.8
90°	0.0

(END OF REPORT)