

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: P1281258

Luminaire Tested: P3AS05R25B2750DE010 E3PHLD1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1281258
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: P3AS05R25B2750DE010 E3PHLD1MW_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

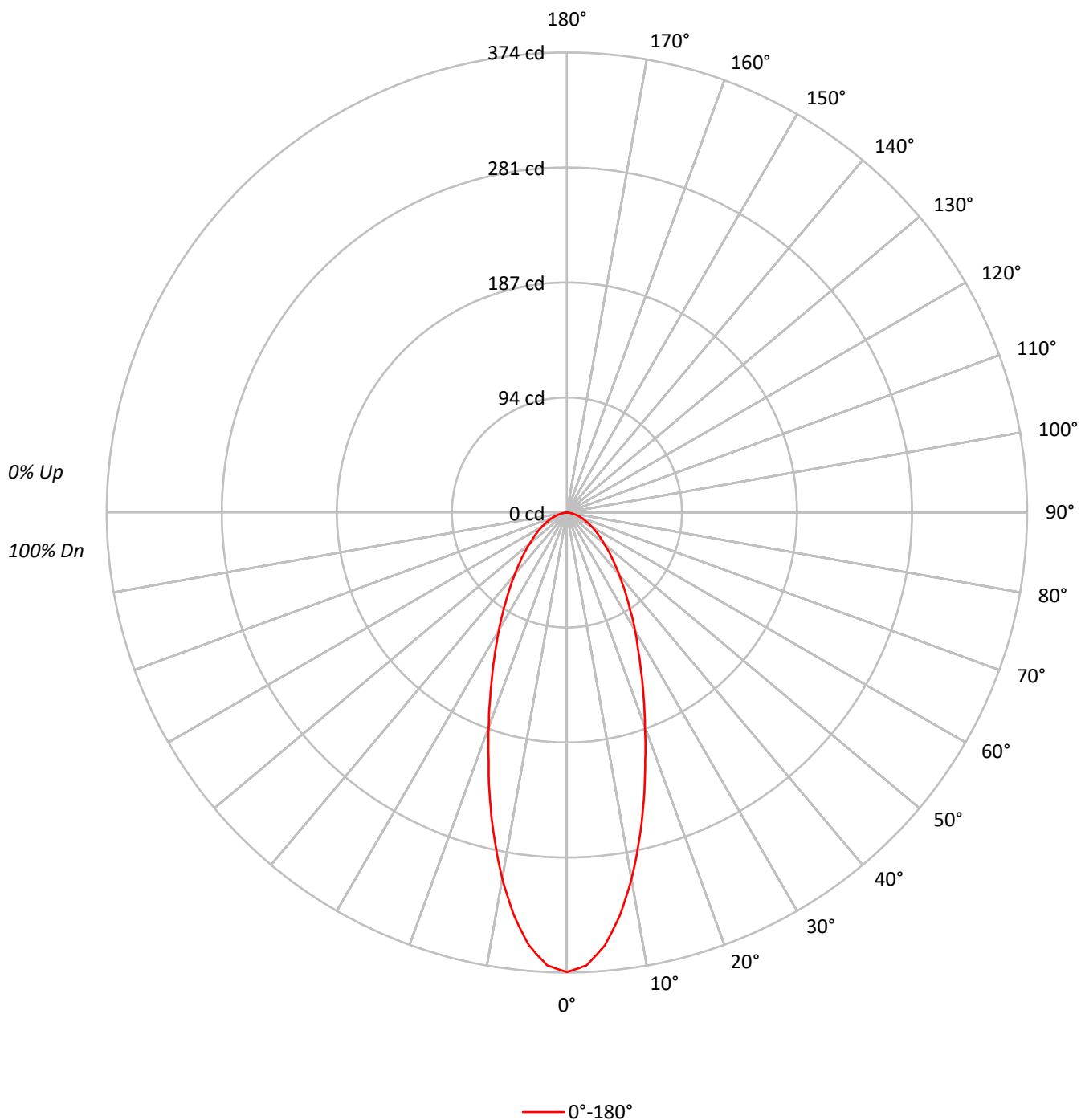
Lumens per Lamp: N/A
Luminaire Lumens: 314.0 lumens
Efficiency: N/A
Efficacy: 53.2 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 5.9
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	112	108	105	102	109	106	103	100	102	99	97	98	96	94	94	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°	81923
5°	77768
10°	67356
15°	54847
20°	43334
25°	34550
30°	28004
35°	22807
40°	18893
45°	15940
50°	13475
55°	11851
60°	10394
65°	9080
70°	7950
75°	6693
80°	5051
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 15940 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.1	10.2
10°-20°	67.0	21.3
20°-30°	66.0	21.0
30°-40°	53.7	17.1
40°-50°	39.9	12.7
50°-60°	27.8	8.9
60°-70°	17.4	5.6
70°-80°	8.4	2.7
80°-90°	1.6	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°	165.1	52.6
0°-40°	218.8	69.7
0°-60°	286.6	91.3
0°-90°	314.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	314.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	374	
5°	353	32
15°	242	67
25°	143	66
35°	85	54
45°	51	40
55°	31	28
65°	18	17
75°	8	8
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	373.6
2.5°	368.5
5°	353.3
7.5°	330.2
10°	302.5
12.5°	272.0
15°	241.6
17.5°	211.6
20°	185.7
22.5°	163.1
25°	142.8
27.5°	125.3
30°	110.6
32.5°	97.1
35°	85.2
37.5°	75.1
40°	66.0
42.5°	58.1
45°	51.4
47.5°	45.2
50°	39.5
52.5°	35.0
55°	31.0
57.5°	27.1
60°	23.7
62.5°	20.3
65°	17.5
67.5°	14.7
70°	12.4
72.5°	10.2
75°	7.9
77.5°	5.6
80°	4.0
82.5°	2.3
85°	1.1
87.5°	0.6
90°	0.0

(END OF REPORT)