

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: P1281261

Luminaire Tested: P3AS05R25B2750DE010 E3PHLD1MW_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1281261
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_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R25 optic, 5000K CCT AND, 80CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

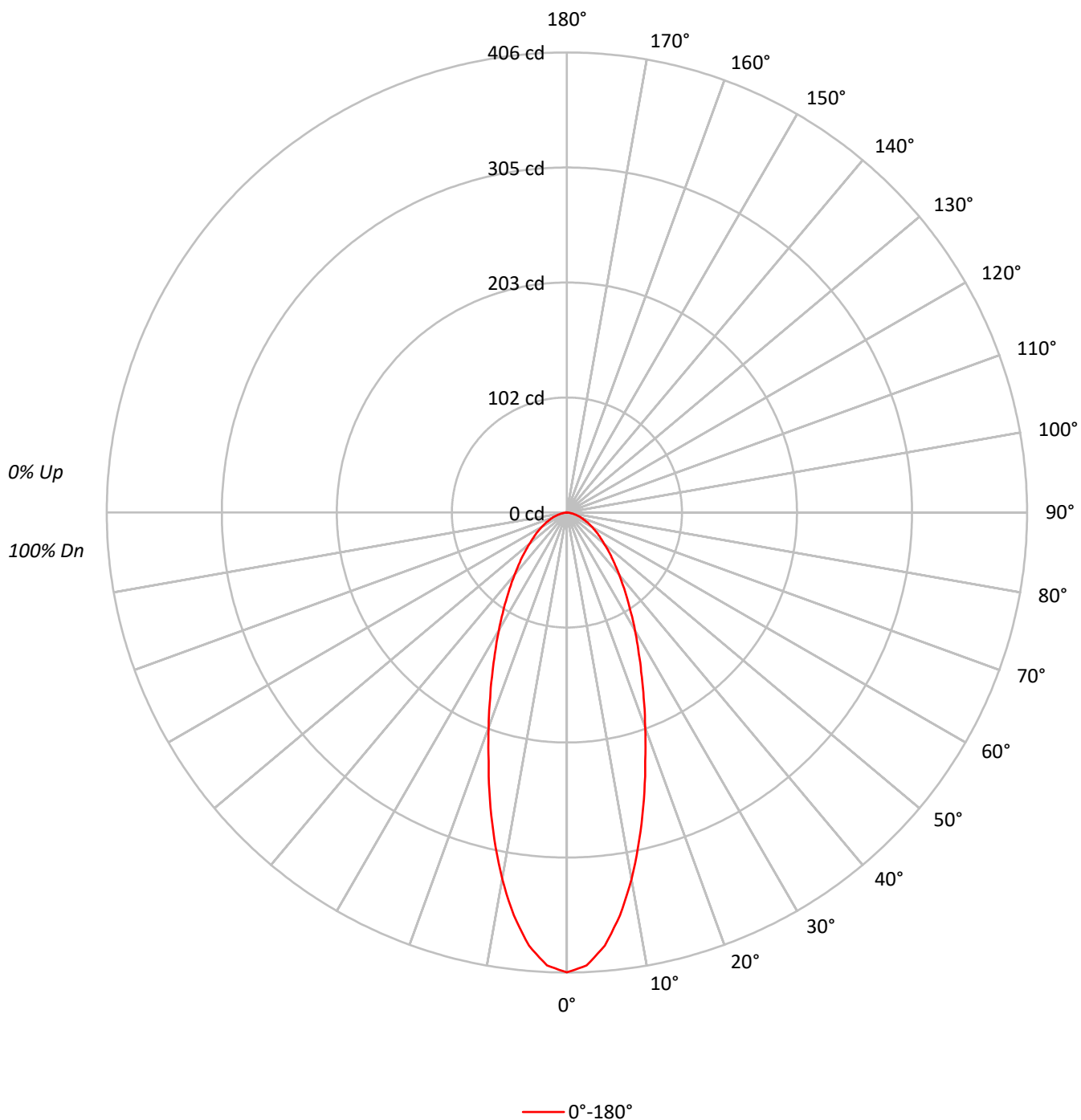
Lumens per Lamp: N/A
Luminaire Lumens: 341.0 lumens
Efficiency: N/A
Efficacy: 57.8 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	88984
5°	84459
10°	73145
15°	59546
20°	47067
25°	37526
30°	30410
35°	24788
40°	20524
45°	17304
50°	14635
55°	12884
60°	11271
65°	9858
70°	8655
75°	7286
80°	5430
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17304 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	34.8	10.2
10°-20°	72.7	21.3
20°-30°	71.7	21.0
30°-40°	58.4	17.1
40°-50°	43.3	12.7
50°-60°	30.2	8.9
60°-70°	18.9	5.6
70°-80°	9.1	2.7
80°-90°	1.8	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°	179.3	52.6
0°-40°	237.6	69.7
0°-60°	311.2	91.3
0°-90°	341.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	341.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	406	
5°	384	35
15°	262	73
25°	155	72
35°	93	58
45°	56	43
55°	34	30
65°	19	19
75°	9	9
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	405.8
2.5°	400.2
5°	383.7
7.5°	358.6
10°	328.5
12.5°	295.4
15°	262.3
17.5°	229.8
20°	201.7
22.5°	177.1
25°	155.1
27.5°	136.1
30°	120.1
32.5°	105.4
35°	92.6
37.5°	81.5
40°	71.7
42.5°	63.1
45°	55.8
47.5°	49.0
50°	42.9
52.5°	38.0
55°	33.7
57.5°	29.4
60°	25.7
62.5°	22.1
65°	19.0
67.5°	15.9
70°	13.5
72.5°	11.0
75°	8.6
77.5°	6.1
80°	4.3
82.5°	2.5
85°	1.2
87.5°	0.6
90°	0.0

(END OF REPORT)