

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: P1280968

Luminaire Tested: P3AS05R15B2750DE010 E3PHLD1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1280968
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R15B2750DE010 E3PHLD1MW_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R15 optic, 3000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

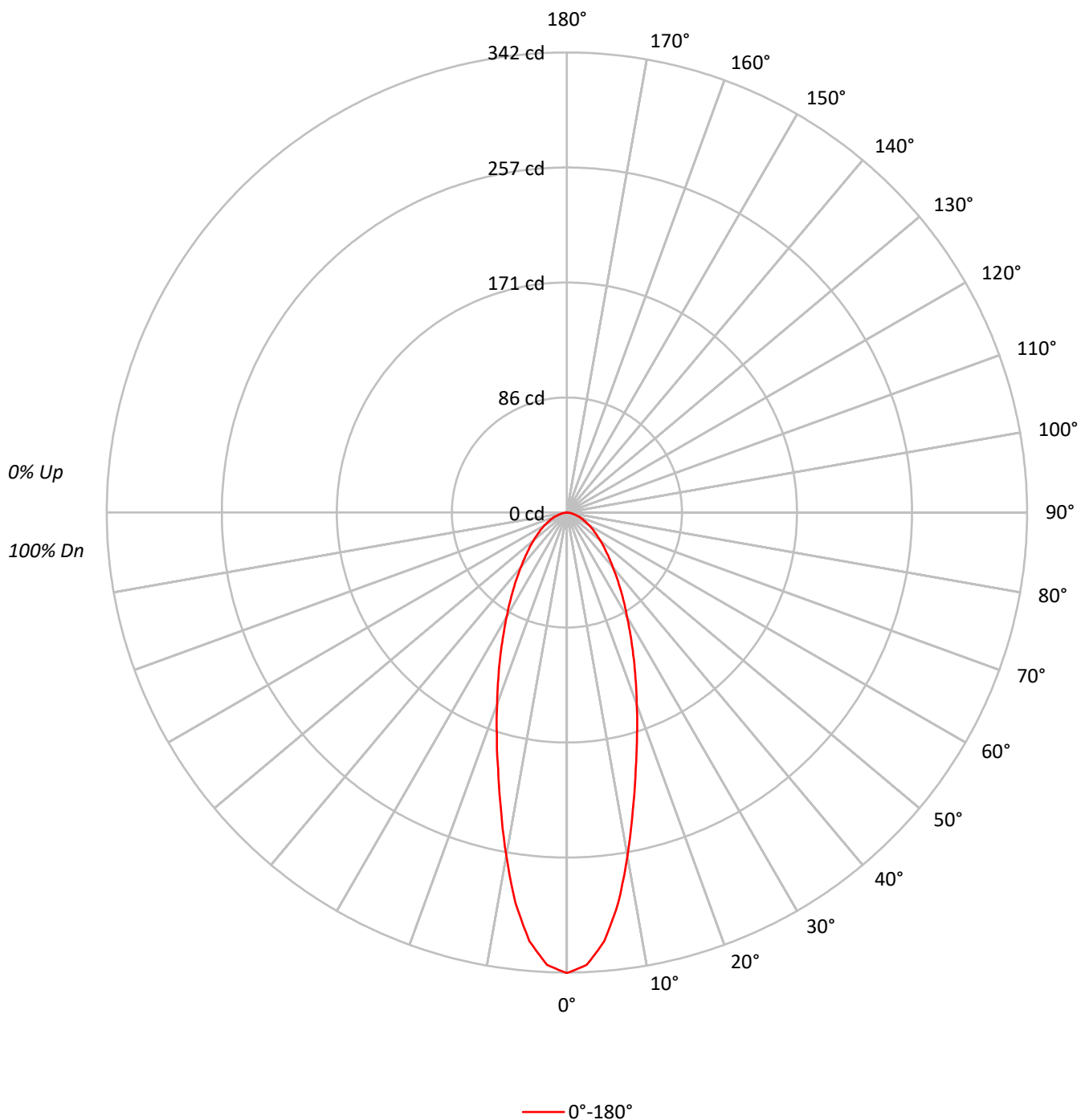
Lumens per Lamp: N/A
Luminaire Lumens: 258.0 lumens
Efficiency: N/A
Efficacy: 43.7 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	101	102	100	97		98	96	95		95
2	104	98	93	89	102	97	92	88	93	89	86		90	87	84		87
3	98	90	84	79	96	88	83	78	85	81	77		83	79	75		81
4	92	82	76	70	90	81	75	70	79	73	69		77	72	68		75
5	86	76	69	64	84	75	68	63	73	67	63		71	66	62		70
6	81	71	63	58	79	70	63	58	68	62	58		67	61	57		65
7	77	66	59	54	75	65	58	54	64	58	53		62	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	69	58	51	47	68	57	51	46	56	50	46		55	50	46		54
10	65	54	48	44	64	54	48	44	53	47	43		52	47	43		52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	75082
5°	70394
10°	57714
15°	44836
20°	35400
25°	28211
30°	22636
35°	18471
40°	15229
45°	12808
50°	11019
55°	9519
60°	8420
65°	7316
70°	6540
75°	5253
80°	4293
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12808 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.6	11.1
10°-20°	55.3	21.4
20°-30°	53.8	20.8
30°-40°	43.5	16.8
40°-50°	32.3	12.5
50°-60°	22.6	8.7
60°-70°	14.1	5.5
70°-80°	6.7	2.6
80°-90°	1.2	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°	137.7	53.4
0°-40°	181.1	70.2
0°-60°	236.0	91.5
0°-90°	258.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	258.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	342	
5°	320	29
15°	198	55
25°	117	54
35°	69	43
45°	41	32
55°	25	23
65°	14	14
75°	6	7
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	342.4
2.5°	336.7
5°	319.8
7.5°	292.6
10°	259.2
12.5°	226.4
15°	197.5
17.5°	173.2
20°	151.7
22.5°	133.0
25°	116.6
27.5°	101.9
30°	89.4
32.5°	78.7
35°	69.0
37.5°	60.6
40°	53.2
42.5°	47.0
45°	41.3
47.5°	36.8
50°	32.3
52.5°	28.3
55°	24.9
57.5°	22.1
60°	19.2
62.5°	16.4
65°	14.1
67.5°	11.9
70°	10.2
72.5°	7.9
75°	6.2
77.5°	4.5
80°	3.4
82.5°	1.7
85°	1.1
87.5°	0.0
90°	0.0

(END OF REPORT)