

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: P1280971

Luminaire Tested: P3AS05R15B2750DE010 E3PHLD1MW_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1280971
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_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R15 optic, 5000K CCT AND, 80CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

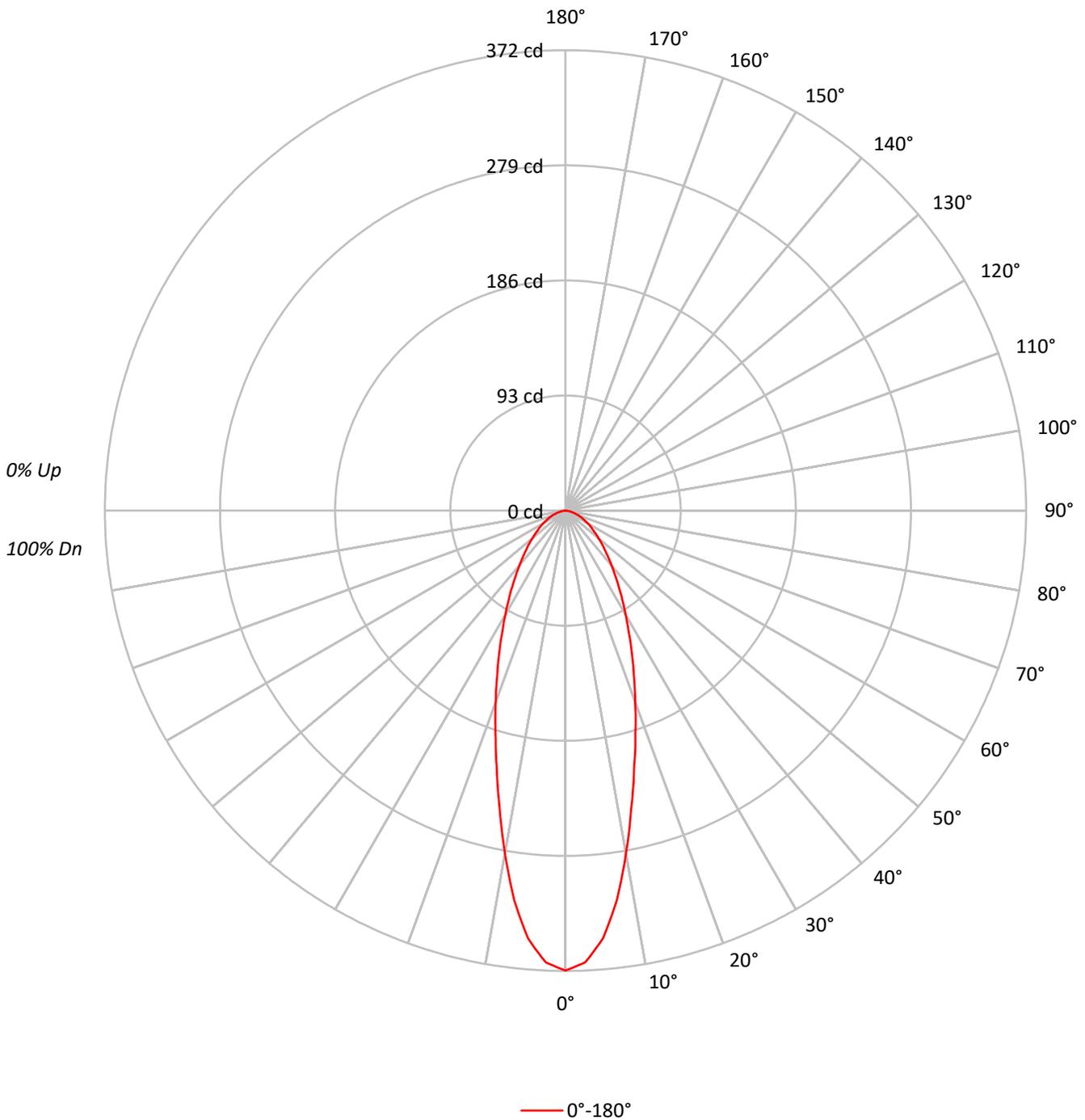
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 280.0 lumens
Efficiency: N/A
Efficacy: 47.5 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.66
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	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	101	102	100	97	98	96	95	95	93	92	90
2	104	98	93	89	102	97	92	88	93	89	86	90	87	84	87	85	82	80
3	98	90	84	79	96	88	83	78	85	81	77	83	79	75	81	77	74	72
4	92	82	76	70	90	81	75	70	79	73	69	77	72	68	75	71	67	66
5	86	76	69	64	84	75	68	63	73	67	63	71	66	62	70	65	62	60
6	81	70	63	58	79	70	63	58	68	62	58	67	61	57	65	60	57	55
7	77	66	59	54	75	65	58	54	64	58	53	62	57	53	61	56	53	51
8	72	61	55	50	71	61	54	50	60	54	49	59	53	49	58	53	49	47
9	69	58	51	46	68	57	51	46	56	50	46	55	50	46	54	49	46	44
10	65	54	48	44	64	54	48	44	53	47	43	52	47	43	52	47	43	42

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	81485
5°	76381
10°	62635
15°	48672
20°	38410
25°	30607
30°	24561
35°	20050
40°	16517
45°	13893
50°	11940
55°	10322
60°	9166
65°	7990
70°	7117
75°	5761
80°	4672
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 13893 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	31.0	11.1
10°-20°	60.0	21.4
20°-30°	58.4	20.8
30°-40°	47.2	16.8
40°-50°	35.0	12.5
50°-60°	24.5	8.7
60°-70°	15.3	5.5
70°-80°	7.3	2.6
80°-90°	1.3	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°	149.4	53.4
0°-40°	196.5	70.2
0°-60°	256.0	91.4
0°-90°	280.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	280.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	372	
5°	347	31
15°	214	60
25°	126	58
35°	75	47
45°	45	35
55°	27	24
65°	15	15
75°	7	7
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	371.6
2.5°	365.4
5°	347.0
7.5°	317.5
10°	281.3
12.5°	245.7
15°	214.4
17.5°	187.9
20°	164.6
22.5°	144.3
25°	126.5
27.5°	110.6
30°	97.0
32.5°	85.4
35°	74.9
37.5°	65.7
40°	57.7
42.5°	51.0
45°	44.8
47.5°	39.9
50°	35.0
52.5°	30.7
55°	27.0
57.5°	24.0
60°	20.9
62.5°	17.8
65°	15.4
67.5°	12.9
70°	11.1
72.5°	8.6
75°	6.8
77.5°	4.9
80°	3.7
82.5°	1.8
85°	1.2
87.5°	0.0
90°	0.0

(END OF REPORT)