

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: P1280911

Luminaire Tested: P3AS05R15B2750DE010 E3DLD1H_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1280911
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R15B2750DE010 E3DLD1H_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R15 optic, 5000K CCT AND, 80CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

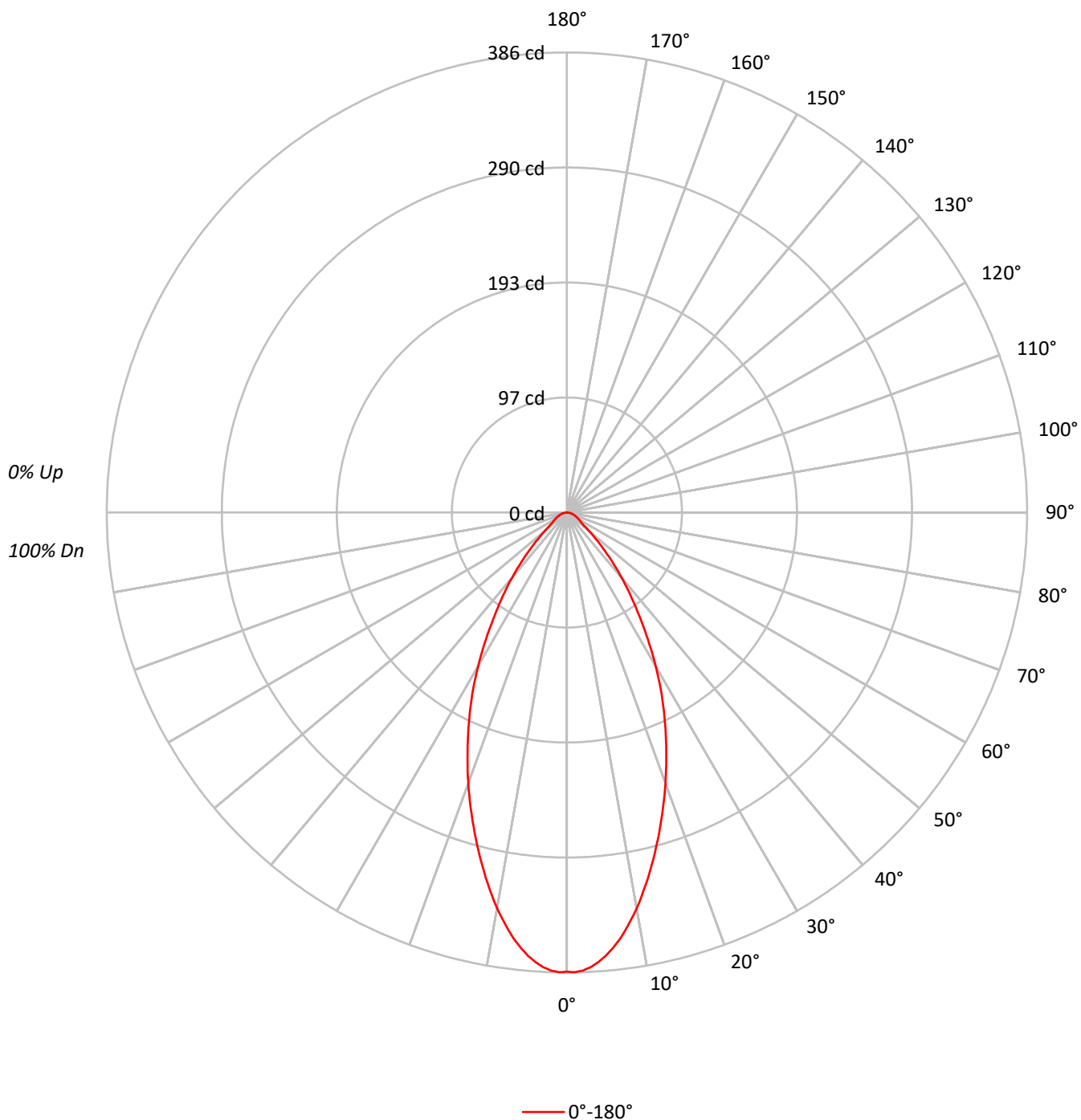
Lumens per Lamp: N/A
Luminaire Lumens: 335.0 lumens
Efficiency: N/A
Efficacy: 56.8 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	109	106	104	110	107	105	102	103	101	99		99	98	96		96	95	93	91
2	106	100	96	92	104	99	95	91	95	92	89		92	90	87		90	87	85	83
3	100	93	87	83	98	91	86	82	89	84	81		86	82	79		84	81	78	76
4	94	86	80	75	92	85	79	74	82	77	73		80	76	73		78	75	72	70
5	89	80	73	68	87	79	73	68	77	72	67		75	70	67		74	69	66	65
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		69	65	61	60
7	80	69	63	58	78	69	63	58	67	62	58		66	61	57		65	61	57	56
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61	57	53	52
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58	53	50	49
10	68	58	52	48	67	57	51	47	57	51	47		56	51	47		55	50	47	46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	84489
5°	82214
10°	75127
15°	65812
20°	56448
25°	47132
30°	37727
35°	28295
40°	20524
45°	13428
50°	8392
55°	5696
60°	5043
65°	4618
70°	4360
75°	3982
80°	3788
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 13428 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	34.5	10.3
10°-20°	80.8	24.1
20°-30°	89.0	26.6
30°-40°	66.6	19.9
40°-50°	34.5	10.3
50°-60°	14.3	4.3
60°-70°	8.9	2.6
70°-80°	5.0	1.5
80°-90°	1.4	0.4
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°	204.2	61.0
0°-40°	270.9	80.8
0°-60°	319.7	95.4
0°-90°	335.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	335.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	385	
5°	374	34
15°	290	81
25°	195	89
35°	106	67
45°	43	35
55°	15	14
65°	9	9
75°	5	5
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	385.3
1°	385.8
2°	384.5
3°	382.0
4°	378.1
5°	373.5
6°	367.5
7°	361.2
8°	353.5
9°	345.5
10°	337.4
12.5°	314.1
15°	289.9
17.5°	265.7
20°	241.9
22.5°	217.7
25°	194.8
27.5°	171.9
30°	149.0
32.5°	126.5
35°	105.7
37.5°	87.8
40°	71.7
42.5°	56.9
45°	43.3
47.5°	32.7
50°	24.6
52.5°	18.2
55°	14.9
57.5°	13.2
60°	11.5
62.5°	10.2
65°	8.9
67.5°	7.6
70°	6.8
72.5°	5.5
75°	4.7
77.5°	3.8
80°	3.0
82.5°	2.1
85°	1.3
87.5°	0.4
90°	0.0

(END OF REPORT)