

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: P1281481

Luminaire Tested: P3AS05R35B2750DE010 E3DL1MW_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1281481
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R35B2750DE010 E3DL1MW_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 5000K CCT AND, 80CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

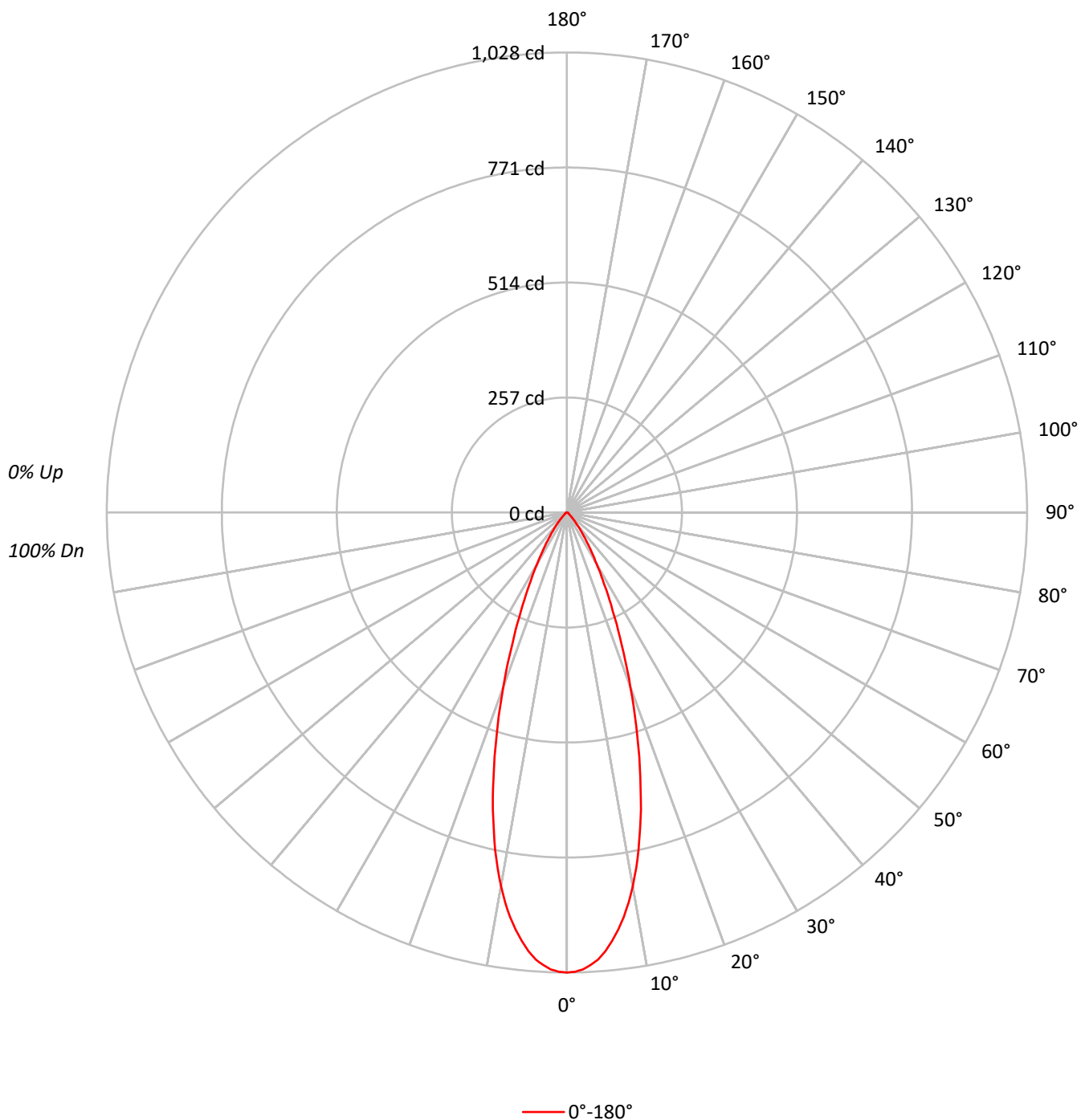
Lumens per Lamp: N/A
Luminaire Lumens: 447.1 lumens
Efficiency: N/A
Efficacy: 75.8 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	114	112	109	107	112	109	107	106	105	104	102		102	100	99		98
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94
3	105	99	95	91	103	98	94	90	95	92	89		93	90	88		91
4	100	94	89	85	99	93	88	85	91	87	84		89	85	83		87
5	96	89	84	80	95	88	83	80	86	82	79		85	81	78		83
6	92	85	80	76	91	84	79	76	83	78	75		81	77	75		80
7	89	81	76	72	88	80	75	72	79	75	71		78	74	71		77
8	85	77	72	69	84	77	72	68	76	71	68		75	71	68		74
9	82	74	69	66	81	74	69	65	73	68	65		72	68	65		71
10	79	71	66	63	78	71	66	63	70	66	63		69	65	62		69

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	225442
5°	216662
10°	188774
15°	144587
20°	96748
25°	58528
30°	33600
35°	18792
40°	9990
45°	5148
50°	2456
55°	1950
60°	1886
65°	1557
70°	1667
75°	1440
80°	1642
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 5148 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	89.6	20.0
10°-20°	173.6	38.8
20°-30°	113.6	25.4
30°-40°	46.1	10.3
40°-50°	13.8	3.1
50°-60°	4.7	1.1
60°-70°	3.2	0.7
70°-80°	1.9	0.4
80°-90°	0.6	0.1
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°	376.7	84.3
0°-40°	422.8	94.6
0°-60°	441.4	98.7
0°-90°	447.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	447.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1028	
5°	984	90
15°	637	174
25°	242	114
35°	70	46
45°	17	14
55°	5	5
65°	3	3
75°	2	2
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1028.1
1°	1026.4
2°	1021.7
3°	1012.4
4°	1001.3
5°	984.3
6°	963.1
7°	939.3
8°	912.5
9°	881.9
10°	847.8
11°	810.0
12°	770.5
13°	726.2
14°	684.1
15°	636.9
17.5°	522.6
20°	414.6
22.5°	318.9
25°	241.9
27.5°	180.3
30°	132.7
32.5°	97.4
35°	70.2
37.5°	49.7
40°	34.9
42.5°	24.2
45°	16.6
47.5°	11.1
50°	7.2
52.5°	5.5
55°	5.1
57.5°	4.7
60°	4.3
62.5°	3.8
65°	3.0
67.5°	2.6
70°	2.6
72.5°	2.1
75°	1.7
77.5°	1.3
80°	1.3
82.5°	0.9
85°	0.4
87.5°	0.4



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)