

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: P1281528

Luminaire Tested: P3AS05R35B2750DE010 E3DLP1H_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1281528
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R35B2750DE010 E3DLP1H_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

Summary

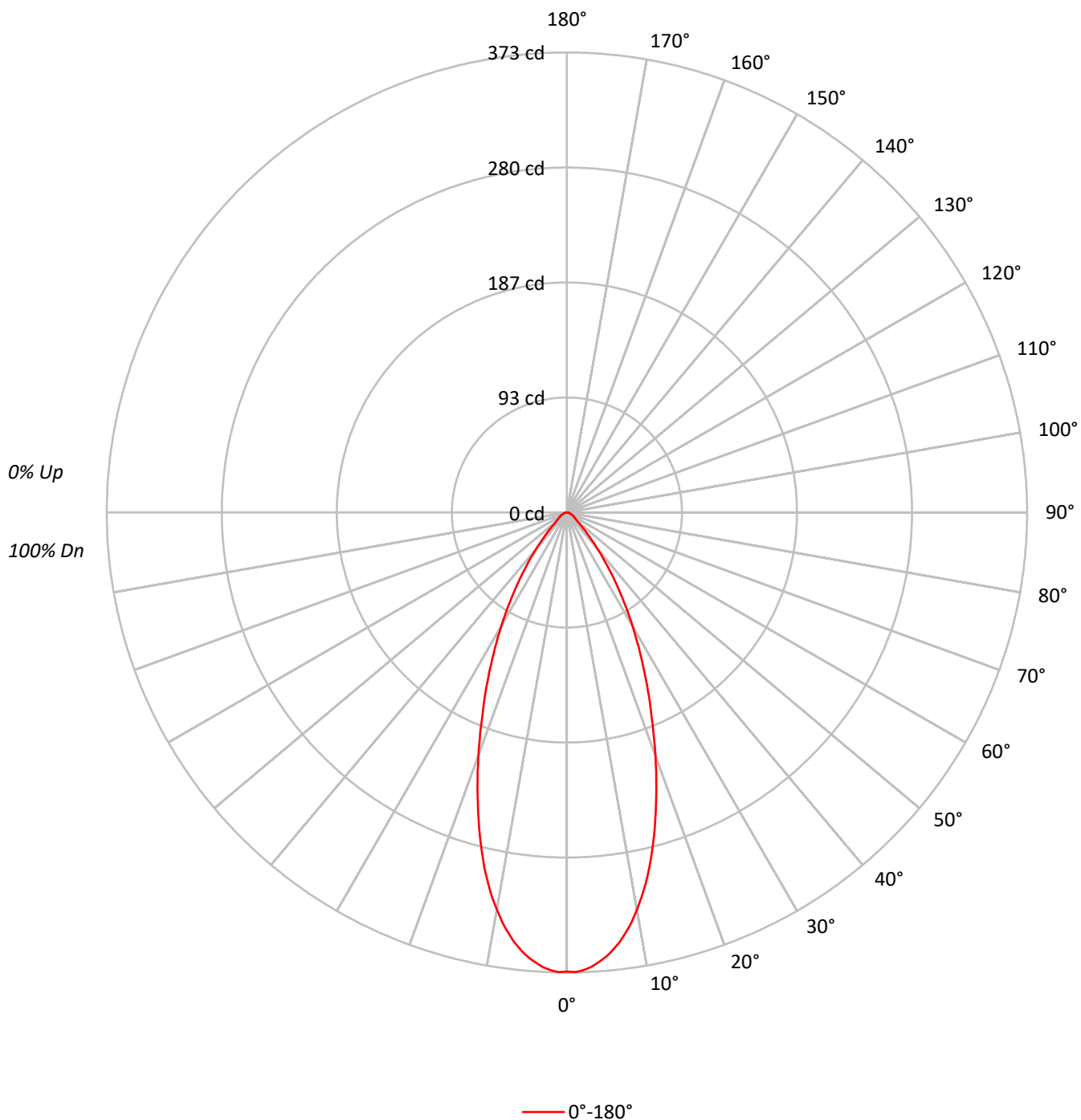
Lumens per Lamp: N/A
Luminaire Lumens: 254.0 lumens
Efficiency: N/A
Efficacy: 43.1 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	110	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	94	105	100	97	93	97	94	91		94	92	89		91
3	102	95	90	86	100	94	89	85	91	87	84		89	85	82		86
4	97	89	83	79	95	88	82	78	86	81	77		84	80	77		82
5	92	83	77	73	90	82	77	73	81	76	72		79	75	71		77
6	87	78	72	68	86	77	72	68	76	71	67		75	70	67		73
7	83	74	68	63	82	73	67	63	72	67	63		71	66	63		69
8	79	70	64	60	78	69	63	59	68	63	59		67	62	59		66
9	76	66	60	56	75	66	60	56	65	59	56		64	59	56		63
10	72	63	57	53	71	62	57	53	61	56	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	81638
5°	79639
10°	72811
15°	61794
20°	48911
25°	36994
30°	26941
35°	18203
40°	11192
45°	6419
50°	3855
55°	3135
60°	2763
65°	2439
70°	1988
75°	1949
80°	2020
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 6419 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	33.4	13.2
10°-20°	75.0	29.5
20°-30°	70.2	27.6
30°-40°	42.9	16.9
40°-50°	16.9	6.7
50°-60°	7.4	2.9
60°-70°	4.6	1.8
70°-80°	2.5	1.0
80°-90°	0.9	0.3
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°	178.7	70.3
0°-40°	221.6	87.3
0°-60°	246.0	96.9
0°-90°	254.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	254.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	372	
5°	362	33
15°	272	75
25°	153	70
35°	68	43
45°	21	17
55°	8	7
65°	5	5
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	372.3
1°	372.7
2°	371.5
3°	369.2
4°	365.7
5°	361.8
6°	356.7
7°	350.8
8°	343.8
9°	335.9
10°	327.0
11°	317.6
12°	307.4
13°	296.4
14°	284.3
15°	272.2
17.5°	240.9
20°	209.6
22.5°	179.5
25°	152.9
27.5°	128.3
30°	106.4
32.5°	86.0
35°	68.0
37.5°	52.0
40°	39.1
42.5°	28.2
45°	20.7
47.5°	14.9
50°	11.3
52.5°	9.4
55°	8.2
57.5°	7.0
60°	6.3
62.5°	5.5
65°	4.7
67.5°	3.9
70°	3.1
72.5°	2.7
75°	2.3
77.5°	2.0
80°	1.6
82.5°	1.2
85°	0.8
87.5°	0.4



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)