

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: P1281465

Luminaire Tested: P3AS05R35B2750DE010 E3DL1GPH_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1281465
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 E3DL1GPH_4000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 4000K CCT AND, 80CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

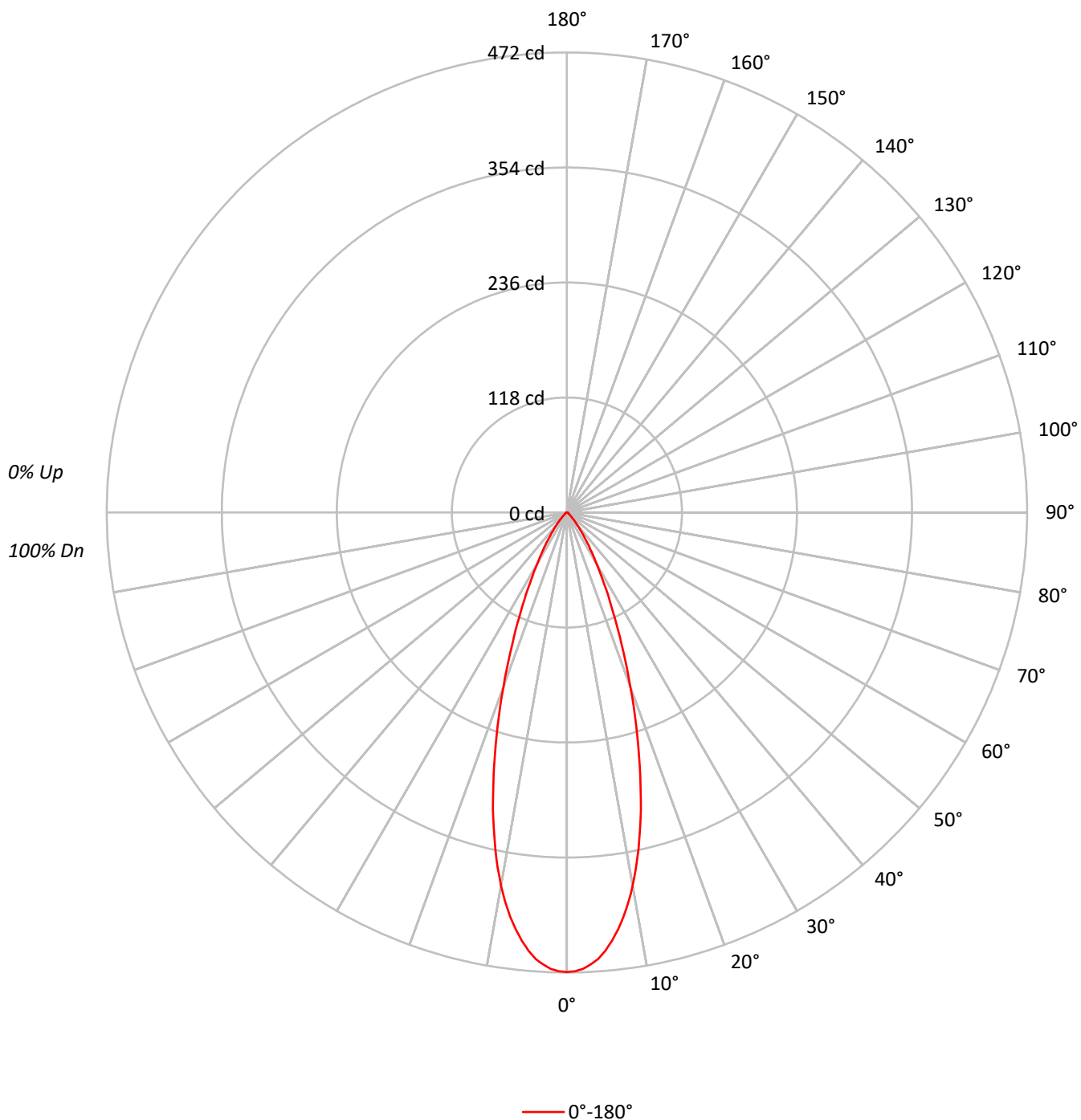
Lumens per Lamp: N/A
Luminaire Lumens: 205.1 lumens
Efficiency: N/A
Efficacy: 34.8 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				20				20				20
RC	80				70				50				30				10				0				0				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																													
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	99	98	97	96	95	94	93	91	89	87
1	114	112	109	107	112	109	107	106	105	104	102	102	100	99	98	97	96	95	94	93	91	89	87	85	83	81	79	77	75
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	93	91	89	87	85	83	81	79	77	75	73	71	69	67
3	105	99	95	91	103	98	94	90	95	92	89	93	90	88	90	88	86	85	83	81	79	77	75	73	71	69	67	65	63
4	100	94	89	85	99	93	88	85	91	87	84	89	85	83	87	84	82	80	78	76	74	72	70	68	66	64	62	60	58
5	96	89	84	80	95	88	83	80	86	82	79	85	81	78	83	80	78	76	74	72	70	68	66	64	62	60	58	56	54
6	92	85	80	76	91	84	79	76	83	78	75	81	77	75	80	77	74	73	71	69	67	65	63	61	59	57	55	53	51
7	89	81	76	72	88	80	75	72	79	75	71	78	74	71	77	73	71	69	67	65	63	61	59	57	55	53	51	49	47
8	85	77	72	69	84	77	72	68	76	71	68	75	71	68	74	70	68	66	64	62	60	58	56	54	52	50	48	46	44
9	82	74	69	66	81	74	69	65	73	68	65	72	68	65	71	67	65	63	61	59	57	55	53	51	49	47	45	43	41
10	79	71	66	63	78	71	66	63	70	66	63	69	65	62	69	65	62	60	58	56	54	52	50	48	46	44	42	40	38

AVERAGE LUMINANCE (cd/sqm):

0°	103391
5°	99361
10°	86572
15°	66311
20°	44361
25°	26856
30°	15395
35°	8620
40°	4580
45°	2357
50°	1126
55°	879
60°	877
65°	726
70°	769
75°	678
80°	758
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 2357 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	41.1	20.0
10°-20°	79.6	38.8
20°-30°	52.1	25.4
30°-40°	21.1	10.3
40°-50°	6.3	3.1
50°-60°	2.1	1.0
60°-70°	1.5	0.7
70°-80°	0.9	0.4
80°-90°	0.3	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°	172.8	84.3
0°-40°	193.9	94.6
0°-60°	202.4	98.7
0°-90°	205.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	205.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	472	
5°	451	41
15°	292	80
25°	111	52
35°	32	21
45°	8	6
55°	2	2
65°	1	1
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	471.5
1°	470.7
2°	468.6
3°	464.3
4°	459.2
5°	451.4
6°	441.7
7°	430.8
8°	418.5
9°	404.4
10°	388.8
11°	371.5
12°	353.3
13°	333.1
14°	313.8
15°	292.1
17.5°	239.7
20°	190.1
22.5°	146.3
25°	111.0
27.5°	82.7
30°	60.8
32.5°	44.7
35°	32.2
37.5°	22.8
40°	16.0
42.5°	11.1
45°	7.6
47.5°	5.1
50°	3.3
52.5°	2.5
55°	2.3
57.5°	2.1
60°	2.0
62.5°	1.8
65°	1.4
67.5°	1.2
70°	1.2
72.5°	1.0
75°	0.8
77.5°	0.6
80°	0.6
82.5°	0.4
85°	0.2
87.5°	0.2



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)