

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: P1281466

Luminaire Tested: P3AS05R35B2750DE010 E3DL1GPH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1281466
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_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 5000K CCT AND, 80CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

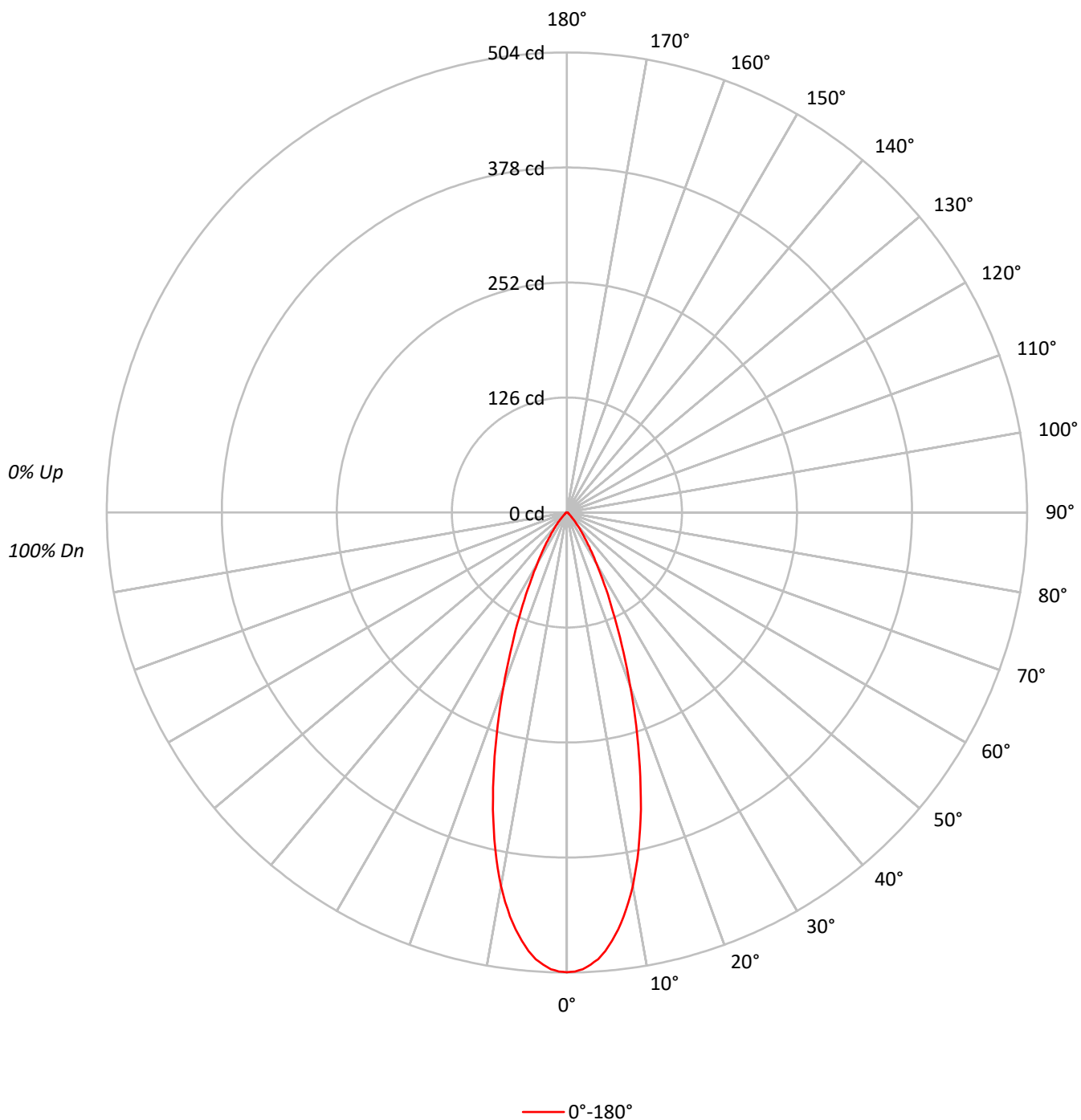
Lumens per Lamp: N/A
Luminaire Lumens: 218.9 lumens
Efficiency: N/A
Efficacy: 37.1 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				0			
RW	70	50	30	10	70	50	30	10	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	114	112	109	107	112	109	107	106	105	104	102	102	100	99	98	97	96	95						
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	93	91	90						
3	105	99	95	91	103	98	94	90	95	92	89	93	90	88	91	88	86	85						
4	100	94	89	85	99	93	88	85	91	87	84	89	85	83	87	84	82	80						
5	96	89	84	80	95	88	83	80	86	82	79	85	81	78	83	80	78	77						
6	92	85	80	76	91	84	79	76	83	78	75	81	78	75	80	77	74	73						
7	89	81	76	72	88	80	75	72	79	75	72	78	74	71	77	73	71	70						
8	85	77	72	69	84	77	72	69	76	71	68	75	71	68	74	70	68	67						
9	82	74	69	66	81	74	69	65	73	68	65	72	68	65	71	68	65	64						
10	79	71	66	63	78	71	66	63	70	66	63	69	65	62	69	65	62	61						

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	110452
5°	106163
10°	92494
15°	70852
20°	47394
25°	28671
30°	16458
35°	9209
40°	4895
45°	2512
50°	1194
55°	956
60°	921
65°	778
70°	769
75°	678
80°	758
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2512 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	43.9	20.0
10°-20°	85.0	38.8
20°-30°	55.7	25.4
30°-40°	22.6	10.3
40°-50°	6.8	3.1
50°-60°	2.3	1.1
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°	184.6	84.3
0°-40°	207.2	94.6
0°-60°	216.2	98.8
0°-90°	218.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	218.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	504	
5°	482	44
15°	312	85
25°	118	56
35°	34	23
45°	8	7
55°	2	2
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	503.7
1°	502.9
2°	500.6
3°	496.0
4°	490.6
5°	482.3
6°	471.8
7°	460.2
8°	447.0
9°	432.0
10°	415.4
11°	396.8
12°	377.5
13°	355.8
14°	335.2
15°	312.1
17.5°	256.0
20°	203.1
22.5°	156.2
25°	118.5
27.5°	88.3
30°	65.0
32.5°	47.7
35°	34.4
37.5°	24.4
40°	17.1
42.5°	11.9
45°	8.1
47.5°	5.4
50°	3.5
52.5°	2.7
55°	2.5
57.5°	2.3
60°	2.1
62.5°	1.9
65°	1.5
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)