

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: P1282216

Luminaire Tested: P3AS05R60B2750DE010 E3DLD1GPH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1282216
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-38)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R60B2750DE010 E3DLD1GPH_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R60 optic, 5000K CCT AND, 80CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

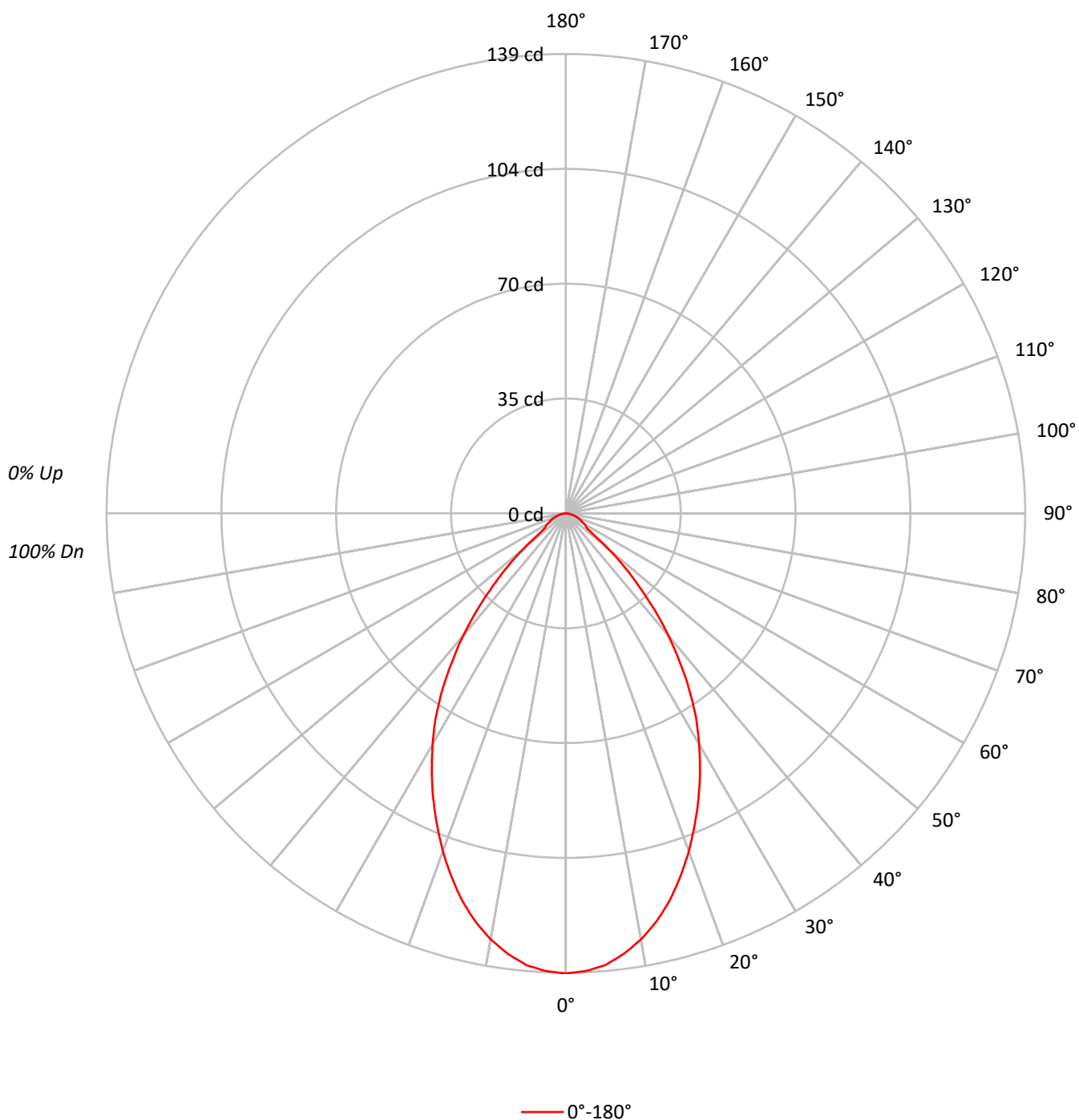
Lumens per Lamp: N/A
Luminaire Lumens: 172.0 lumens
Efficiency: N/A
Efficacy: 29.1 lumens/watt
Spacing Criteria (0/90/45): 0.95 / 0.95 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	112	109	106	103	110	107	104	101	102	100	98		99	97	95		95
2	105	99	94	90	103	98	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	79	87	82	78		84	80	77		82
4	92	83	77	72	90	82	76	71	80	75	71		78	73	70		76
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	59	54	75	65	59	54	64	58	54		63	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	68	57	51	46	67	57	50	46	56	50	46		55	49	46		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	30524
5°	30200
10°	29147
15°	27537
20°	25389
25°	22985
30°	20408
35°	17427
40°	13855
45°	9768
50°	5833
55°	2944
60°	2851
65°	2594
70°	2436
75°	2288
80°	2147
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 9768 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.9	7.5
10°-20°	33.9	19.7
20°-30°	43.5	25.3
30°-40°	40.4	23.5
40°-50°	24.6	14.3
50°-60°	8.2	4.8
60°-70°	5.0	2.9
70°-80°	2.8	1.6
80°-90°	0.8	0.5
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°	90.3	52.5
0°-40°	130.7	76.0
0°-60°	163.4	95.0
0°-90°	172.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	172.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	139	
5°	137	13
15°	121	34
25°	95	44
35°	65	40
45°	32	25
55°	8	8
65°	5	5
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	139.2
2.5°	138.6
5°	137.2
7.5°	134.4
10°	130.9
12.5°	126.5
15°	121.3
17.5°	115.2
20°	108.8
22.5°	101.9
25°	95.0
27.5°	87.9
30°	80.6
32.5°	73.3
35°	65.1
37.5°	56.6
40°	48.4
42.5°	39.9
45°	31.5
47.5°	24.4
50°	17.1
52.5°	10.2
55°	7.7
57.5°	7.1
60°	6.5
62.5°	5.6
65°	5.0
67.5°	4.4
70°	3.8
72.5°	3.1
75°	2.7
77.5°	2.1
80°	1.7
82.5°	1.0
85°	0.6
87.5°	0.4
90°	0.0

(END OF REPORT)