

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: P1282503

Luminaire Tested: P3AS05R70B2750DE010 E3DLP1GPH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1282503
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-45)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R70B2750DE010 E3DLP1GPH_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R70 optic, 3000K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

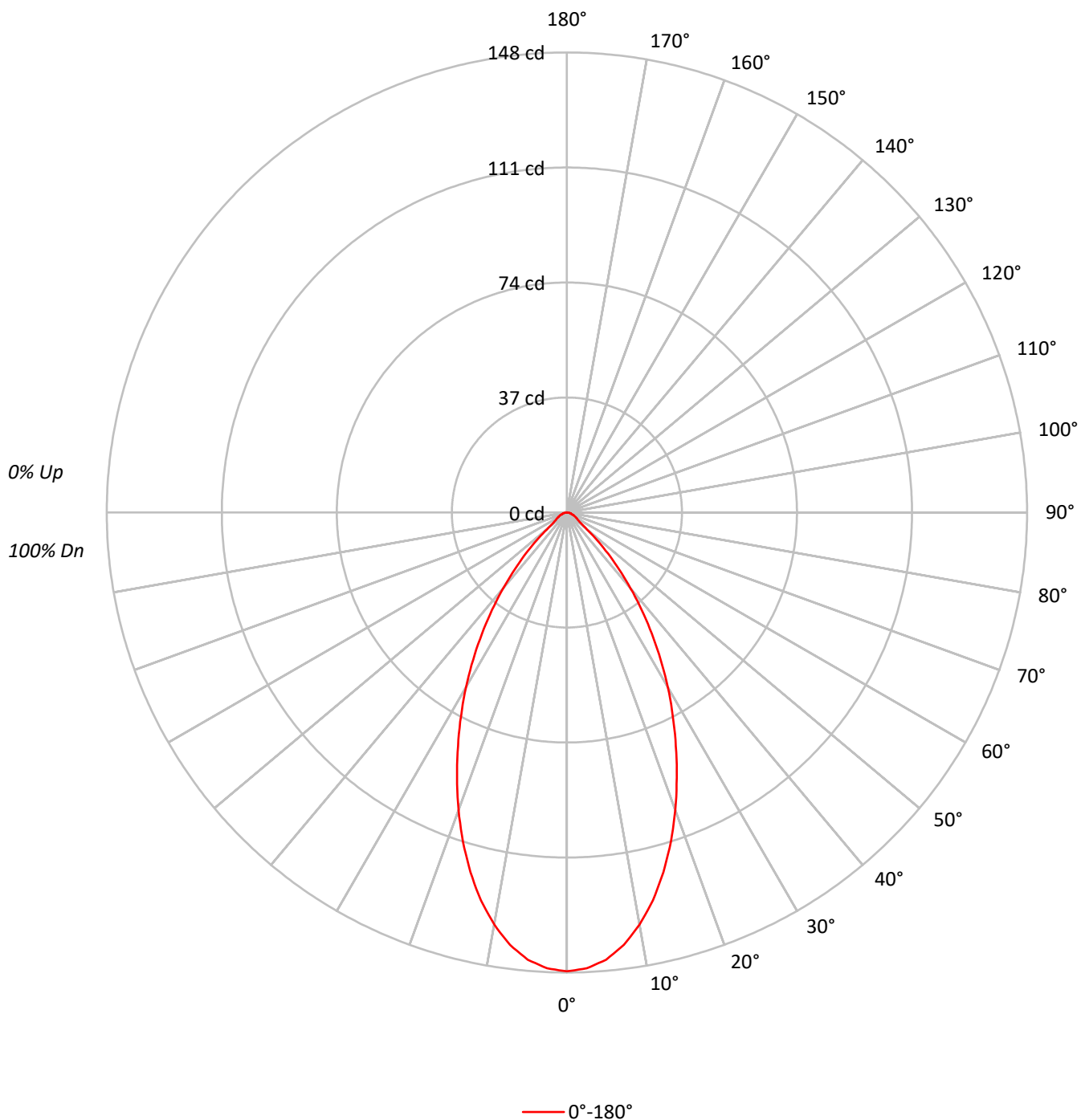
Lumens per Lamp: N/A
Luminaire Lumens: 138.0 lumens
Efficiency: N/A
Efficacy: 23.4 lumens/watt
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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		0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102		100
1	113	110	107	104	110	107	105	103	103	101	100		100	98	97		96	95	94		92
2	106	101	97	93	104	99	95	92	96	93	90		93	90	88		90	88	86		84
3	100	93	88	83	98	92	87	83	89	85	81		87	83	80		84	81	79		77
4	95	86	80	76	93	85	80	75	83	78	74		81	77	73		79	76	73		71
5	89	80	74	69	88	79	73	69	78	72	68		76	71	68		74	70	67		65
6	85	75	68	64	83	74	68	63	73	67	63		71	66	63		70	65	62		61
7	80	70	64	59	79	69	63	59	68	62	58		67	62	58		66	61	58		56
8	76	66	59	55	75	65	59	55	64	58	54		63	58	54		62	57	54		52
9	72	62	55	51	71	61	55	51	60	55	51		59	54	51		58	54	50		49
10	69	58	52	48	67	58	52	48	57	51	48		56	51	47		55	51	47		46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	32366
5°	31785
10°	29970
15°	27197
20°	23779
25°	20058
30°	16433
35°	12742
40°	9131
45°	5768
50°	2866
55°	1759
60°	1535
65°	1401
70°	1218
75°	1101
80°	1010
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 5768 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.5	9.8
10°-20°	33.3	24.1
20°-30°	38.0	27.5
30°-40°	29.7	21.5
40°-50°	14.6	10.6
50°-60°	4.5	3.2
60°-70°	2.7	1.9
70°-80°	1.4	1.0
80°-90°	0.4	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°	84.7	61.4
0°-40°	114.4	82.9
0°-60°	133.5	96.7
0°-90°	138.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	138.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	148	
5°	144	13
15°	120	33
25°	83	38
35°	48	30
45°	19	15
55°	5	4
65°	3	3
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	147.6
2.5°	146.8
5°	144.4
7.5°	140.3
10°	134.6
12.5°	127.8
15°	119.8
17.5°	111.1
20°	101.9
22.5°	92.3
25°	82.9
27.5°	73.7
30°	64.9
32.5°	56.1
35°	47.6
37.5°	39.5
40°	31.9
42.5°	24.8
45°	18.6
47.5°	13.1
50°	8.4
52.5°	5.6
55°	4.6
57.5°	4.0
60°	3.5
62.5°	3.1
65°	2.7
67.5°	2.3
70°	1.9
72.5°	1.5
75°	1.3
77.5°	1.2
80°	0.8
82.5°	0.6
85°	0.4
87.5°	0.2
90°	0.0

(END OF REPORT)