

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: P1281222

Luminaire Tested: P3AS05R25B2750DE010 E3DLP1GPH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1281222
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R25B2750DE010 E3DLP1GPH_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R25 optic, 2700K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

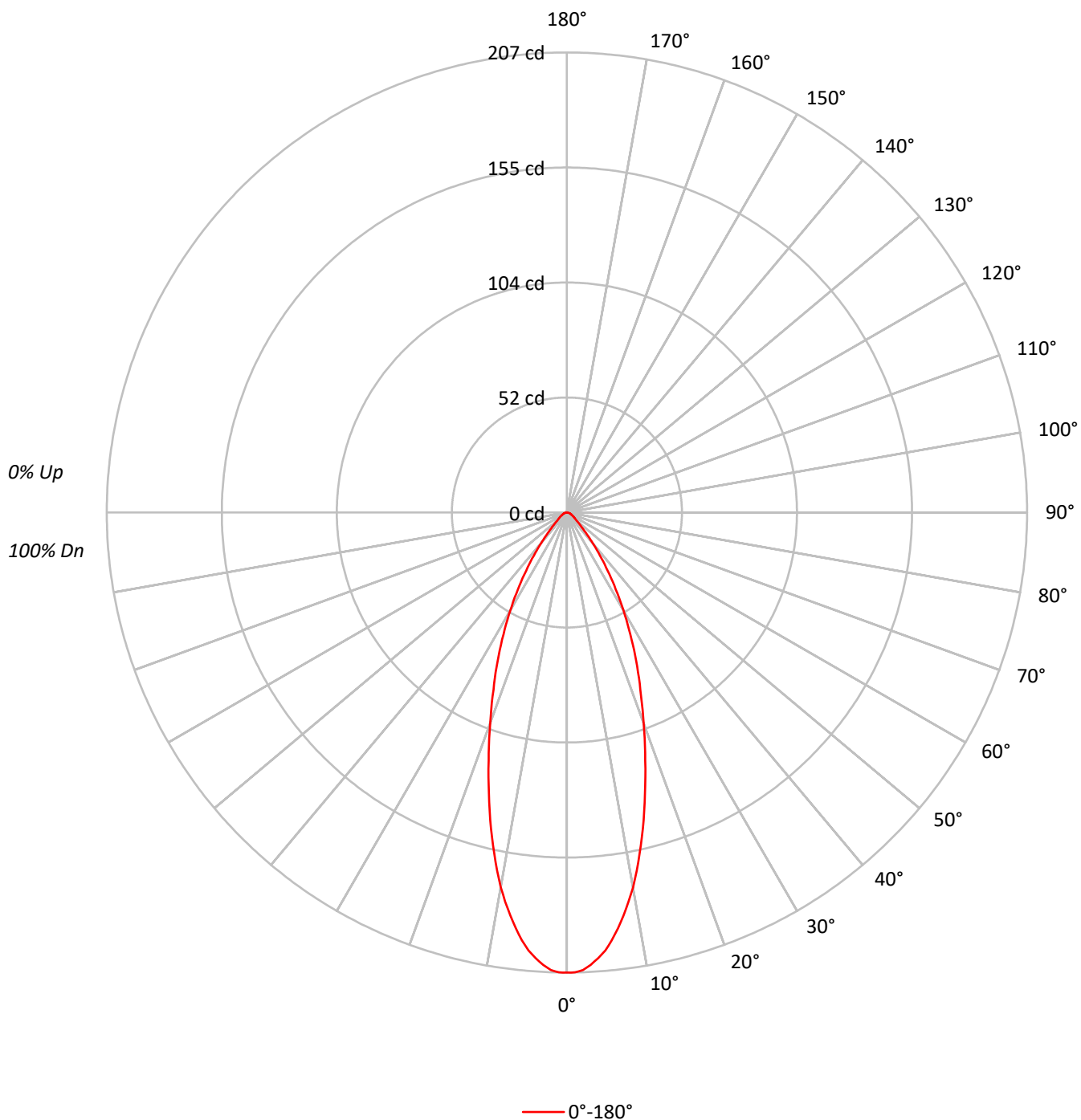
Lumens per Lamp: N/A
Luminaire Lumens: 125.0 lumens
Efficiency: N/A
Efficacy: 21.2 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	101		100	99	98		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	86	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	74	91	83	77	73	81	76	73		79	75	72		78
6	88	79	73	69	86	78	72	68	77	72	68		75	71	67		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	65	60	79	70	64	60	69	64	60		68	63	60		67
9	76	67	61	57	75	66	61	57	65	60	57		64	60	57		64
10	73	64	58	54	72	63	58	54	62	57	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	45391
5°	43539
10°	38142
15°	30647
20°	23545
25°	17832
30°	12888
35°	8566
40°	5181
45°	3008
50°	1944
55°	1567
60°	1360
65°	1193
70°	1026
75°	1017
80°	758
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 3008 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.0	14.4
10°-20°	37.3	29.9
20°-30°	33.8	27.0
30°-40°	20.3	16.2
40°-50°	8.1	6.4
50°-60°	3.7	3.0
60°-70°	2.2	1.8
70°-80°	1.2	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°	89.1	71.3
0°-40°	109.4	87.5
0°-60°	121.2	96.9
0°-90°	125.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	125.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	207	
5°	198	18
15°	135	37
25°	74	34
35°	32	20
45°	10	8
55°	4	4
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	207.0
1°	207.0
2°	206.0
3°	203.8
4°	201.1
5°	197.8
6°	193.5
7°	188.6
8°	183.0
9°	177.3
10°	171.3
11°	164.3
12°	157.1
13°	149.9
14°	142.6
15°	135.0
17.5°	117.1
20°	100.9
22.5°	86.3
25°	73.7
27.5°	61.8
30°	50.9
32.5°	40.9
35°	32.0
37.5°	24.4
40°	18.1
42.5°	13.3
45°	9.7
47.5°	7.4
50°	5.7
52.5°	4.7
55°	4.1
57.5°	3.5
60°	3.1
62.5°	2.5
65°	2.3
67.5°	1.9
70°	1.6
72.5°	1.4
75°	1.2
77.5°	1.0
80°	0.6
82.5°	0.4
85°	0.4
87.5°	0.2



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)