

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: P1281166

Luminaire Tested: P3AS05R25B2750DE010 E3DL1GPH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1281166
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R25B2750DE010 E3DL1GPH_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R25 optic, 5000K CCT AND, 80CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

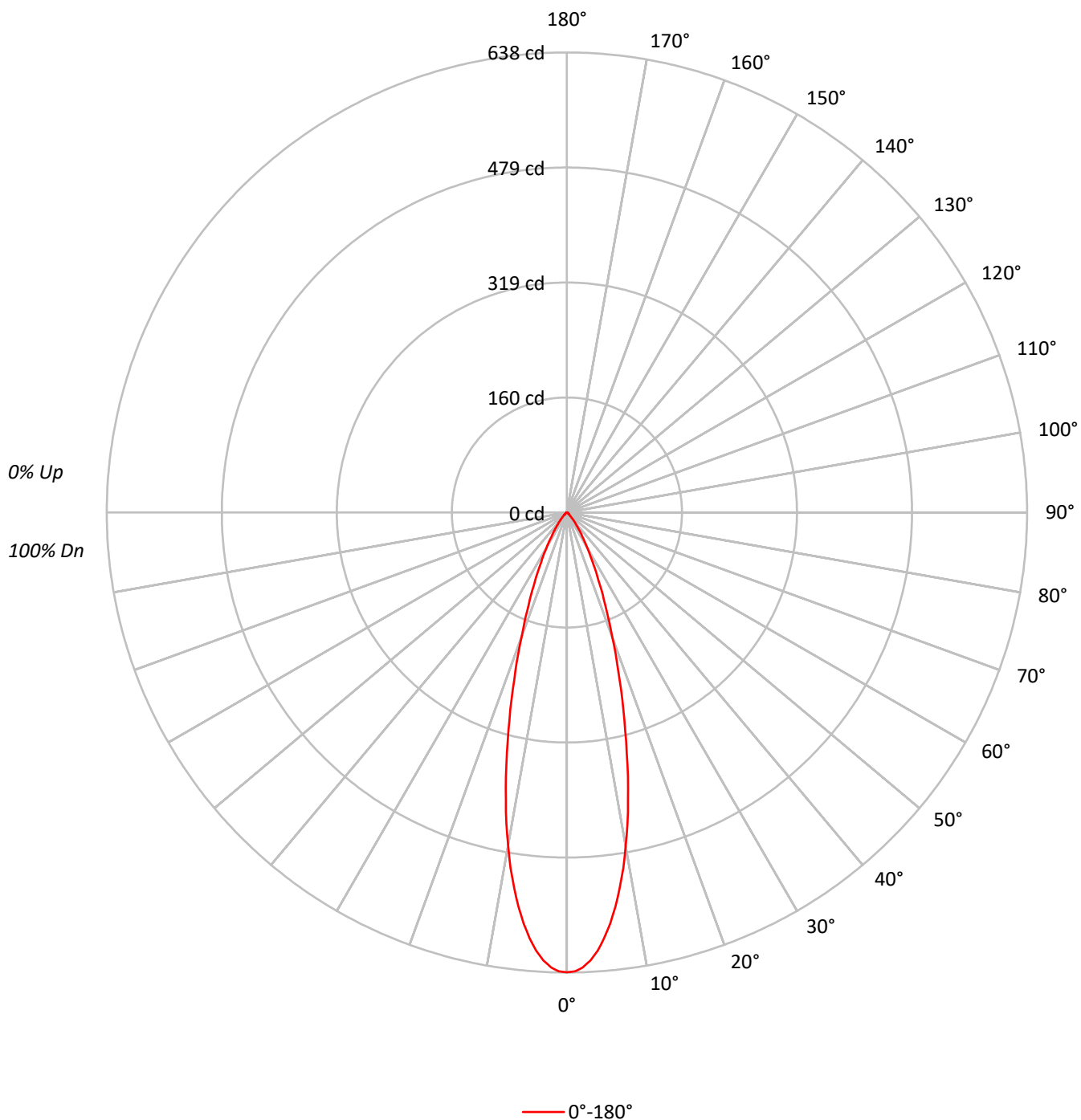
Lumens per Lamp: N/A
Luminaire Lumens: 218.0 lumens
Efficiency: N/A
Efficacy: 37.0 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
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	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99	98	97		95
2	110	105	102	99	107	104	101	98	101	98	96		98	96	94		95	93	92		90
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91	89	87		86
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88	85	83		82
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85	82	79		78
6	94	86	81	78	92	86	81	78	84	80	77		83	79	77		82	78	76		75
7	90	83	78	74	89	82	77	74	81	77	74		80	76	73		79	75	73		72
8	87	79	74	71	86	79	74	71	78	74	71		77	73	70		76	73	70		69
9	84	76	71	68	83	76	71	68	75	71	68		74	70	68		73	70	67		66
10	81	73	69	65	80	73	68	65	72	68	65		72	68	65		71	67	65		64

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	139835
5°	130464
10°	104518
15°	70943
20°	42937
25°	25114
30°	14306
35°	7870
40°	4179
45°	2202
50°	1296
55°	956
60°	833
65°	882
70°	833
75°	678
80°	505
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 2202 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	52.6	24.1
10°-20°	85.9	39.4
20°-30°	49.1	22.5
30°-40°	19.4	8.9
40°-50°	5.9	2.7
50°-60°	2.4	1.1
60°-70°	1.6	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°	187.6	86.1
0°-40°	207.0	94.9
0°-60°	215.3	98.7
0°-90°	218.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	218.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	638	
5°	593	53
15°	312	86
25°	104	49
35°	29	19
45°	7	6
55°	2	2
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	637.7
1°	636.5
2°	631.3
3°	622.1
4°	609.4
5°	592.7
6°	573.1
7°	551.0
8°	525.4
9°	499.2
10°	469.4
11°	440.0
12°	407.7
13°	375.8
14°	343.1
15°	312.5
17.5°	242.3
20°	184.0
22.5°	138.1
25°	103.8
27.5°	76.9
30°	56.5
32.5°	40.8
35°	29.4
37.5°	20.8
40°	14.6
42.5°	10.0
45°	7.1
47.5°	5.0
50°	3.8
52.5°	2.9
55°	2.5
57.5°	2.3
60°	1.9
62.5°	1.7
65°	1.7
67.5°	1.5
70°	1.3
72.5°	1.0
75°	0.8
77.5°	0.6
80°	0.4
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)