

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: P1282160

Luminaire Tested: P3AS05R60B2750DE010 E3D1H_4000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1282160
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R60B2750DE010 E3D1H_4000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R60 optic, 4000K CCT AND, 80CRI , E3D1H TRIM
Light Source: -
Ballast/Driver: -

Summary

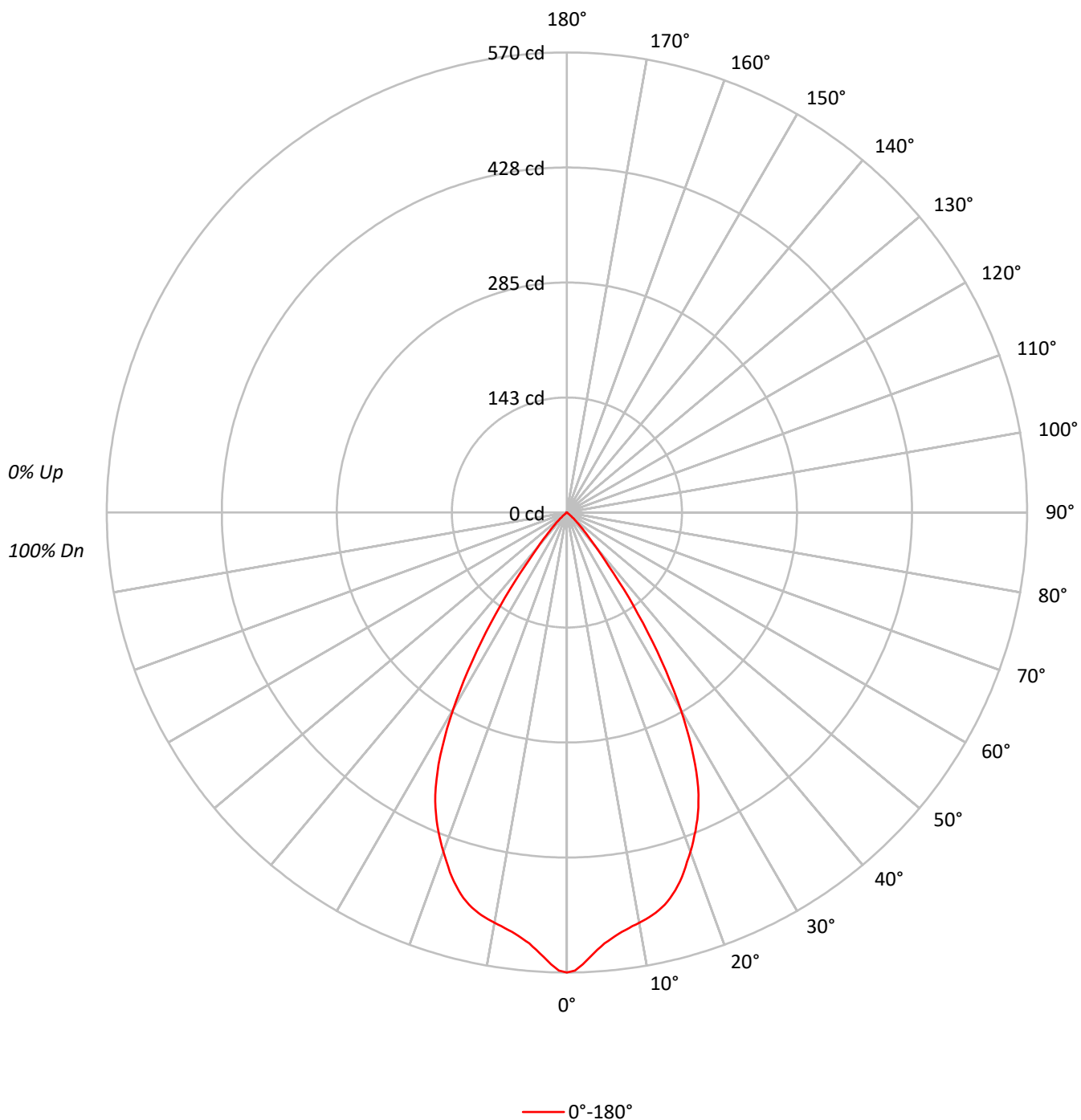
Lumens per Lamp: N/A
Luminaire Lumens: 477.0 lumens
Efficiency: N/A
Efficacy: 80.9 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	114	111	109	106	111	109	107	105	105	103	102		101	100	99		98	97	96	94
2	108	104	100	96	106	102	98	95	99	96	93		96	93	91		93	91	89	88
3	103	97	92	88	101	96	91	88	93	89	86		91	87	85		88	86	84	82
4	98	91	85	81	96	90	85	81	88	83	80		86	82	79		84	81	78	77
5	93	85	80	75	92	84	79	75	83	78	74		81	77	74		79	76	73	72
6	89	80	74	70	87	79	74	70	78	73	70		77	72	69		75	71	69	67
7	85	76	70	66	83	75	69	65	74	69	65		72	68	65		71	67	64	63
8	81	71	65	61	79	71	65	61	70	65	61		69	64	61		68	64	61	59
9	77	67	62	58	76	67	61	58	66	61	57		65	61	57		64	60	57	56
10	73	64	58	54	72	63	58	54	63	58	54		62	57	54		61	57	54	53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	124990
5°	117983
10°	114917
15°	112282
20°	104402
25°	93344
30°	71302
35°	41171
40°	15973
45°	6667
50°	1467
55°	229
60°	175
65°	104
70°	128
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 6667 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	50.6	10.6
10°-20°	137.8	28.9
20°-30°	172.6	36.2
30°-40°	96.5	20.2
40°-50°	18.4	3.8
50°-60°	1.0	0.2
60°-70°	0.2	0.0
70°-80°	0.1	0.0
80°-90°	0.0	0.0
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°	361.0	75.7
0°-40°	457.4	95.9
0°-60°	476.7	99.9
0°-90°	477.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	477.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	570	
5°	536	51
15°	495	138
25°	386	173
35°	154	96
45°	22	18
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	570.0
1°	567.6
2°	560.2
3°	551.4
4°	543.2
5°	536.0
6°	530.5
7°	525.9
8°	522.3
9°	519.0
10°	516.1
11°	513.2
12°	509.9
13°	505.8
14°	500.9
15°	494.6
16°	487.0
17°	478.4
18°	468.7
19°	457.6
20°	447.4
21°	436.5
22°	425.2
23°	413.3
24°	400.2
25°	385.8
26°	368.8
27°	349.9
28°	328.6
29°	306.0
30°	281.6
31°	257.0
32°	231.6
32.5°	217.8
33°	205.3
34°	179.3
35°	153.8
36°	130.7
37°	106.3
37.5°	95.2
38°	84.3
39°	67.9
40°	55.8
42.5°	34.0
45°	21.5



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	11.9
50°	4.3
52.5°	1.0
55°	0.6
57.5°	0.4
60°	0.4
62.5°	0.2
65°	0.2
67.5°	0.2
70°	0.2
72.5°	0.2
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)