

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: P1282148

Luminaire Tested: P3AS05R60B2750DE010 E3CD1MMS_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1282148
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-40)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R60B2750DE010 E3CD1MMS_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R60 optic, 3000K CCT AND, 90CRI , E3CD1MMS TRIM
Light Source: -
Ballast/Driver: -

Summary

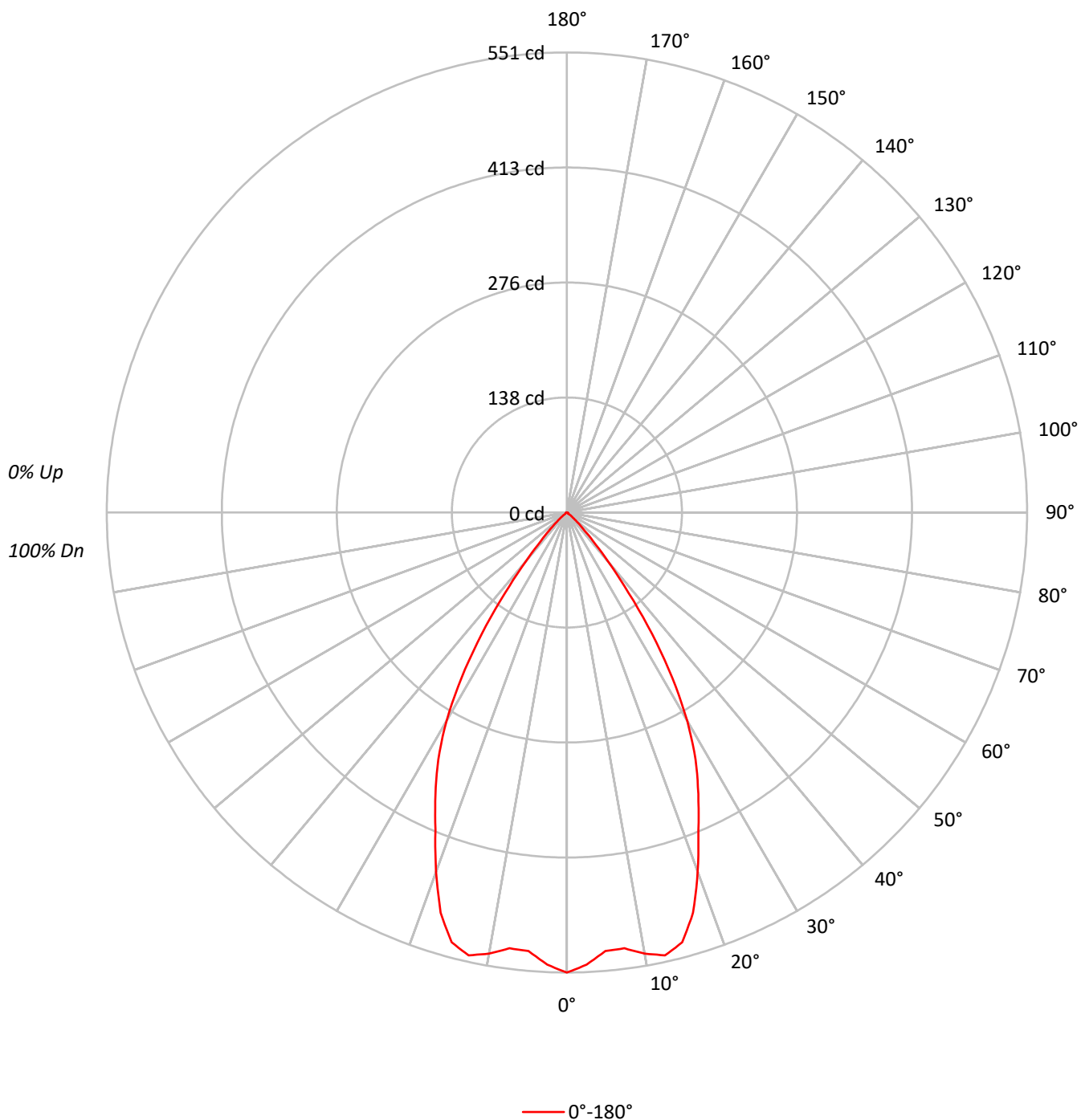
Lumens per Lamp: N/A
Luminaire Lumens: 506.1 lumens
Efficiency: N/A
Efficacy: 85.8 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.91
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	108	106	111	109	106	104	105	103	101		101	100	98		97	96	95		94
2	108	103	99	96	106	102	98	95	98	95	93		95	93	91		93	91	89		87
3	103	96	91	88	101	95	90	87	92	89	85		90	87	84		88	85	83		81
4	98	90	85	80	96	89	84	80	87	83	79		85	81	78		83	80	77		76
5	93	84	79	74	91	84	78	74	82	77	73		80	76	73		79	75	72		71
6	88	79	73	69	87	78	73	69	77	72	68		76	71	68		74	70	68		66
7	84	75	69	64	82	74	68	64	73	68	64		71	67	64		70	66	63		62
8	80	70	64	60	78	70	64	60	69	64	60		68	63	60		67	62	59		58
9	76	66	61	57	75	66	60	56	65	60	56		64	59	56		63	59	56		55
10	72	63	57	53	71	62	57	53	62	56	53		61	56	53		60	56	53		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	120824
5°	116046
10°	119459
15°	121000
20°	106853
25°	90054
30°	73024
35°	47569
40°	21841
45°	8373
50°	2797
55°	765
60°	702
65°	623
70°	513
75°	678
80°	505
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 8373 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	50.7	10.0
10°-20°	146.0	28.8
20°-30°	170.3	33.6
30°-40°	109.9	21.7
40°-50°	24.6	4.9
50°-60°	2.5	0.5
60°-70°	1.2	0.2
70°-80°	0.7	0.1
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°	367.0	72.5
0°-40°	476.8	94.2
0°-60°	503.9	99.6
0°-90°	506.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	506.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	551	
5°	527	51
15°	533	146
25°	372	170
35°	178	110
45°	27	25
55°	2	2
65°	1	1
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	551.0
2.5°	542.0
5°	527.2
7.5°	526.4
10°	536.5
12.5°	543.2
15°	533.0
17.5°	502.5
20°	457.9
22.5°	411.3
25°	372.2
27.5°	333.8
30°	288.4
32.5°	235.2
35°	177.7
37.5°	121.3
40°	76.3
42.5°	45.8
45°	27.0
47.5°	15.7
50°	8.2
52.5°	2.7
55°	2.0
57.5°	1.6
60°	1.6
62.5°	1.2
65°	1.2
67.5°	1.2
70°	0.8
72.5°	0.8
75°	0.8
77.5°	0.4
80°	0.4
82.5°	0.4
85°	0.4
87.5°	0.0
90°	0.0

(END OF REPORT)