

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: P1281981

Luminaire Tested: P3AS05R50B2750DE010 E3DLP1WMH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1281981
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-29)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R50B2750DE010 E3DLP1WMH_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R50 optic, 5000K CCT AND, 80CRI , E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

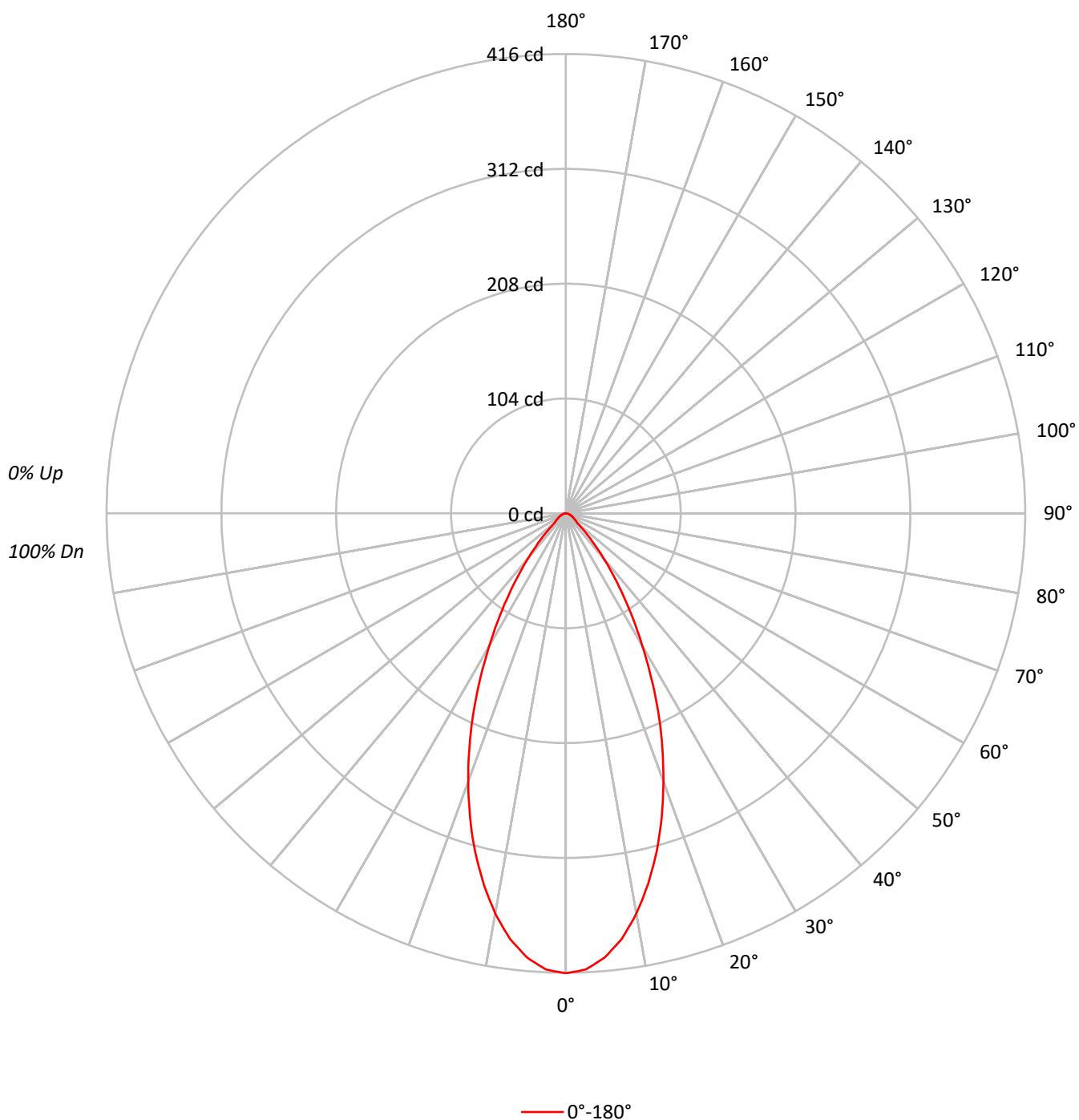
Lumens per Lamp: N/A
Luminaire Lumens: 313.9 lumens
Efficiency: N/A
Efficacy: 53.2 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.77
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	105	111	108	106	103	104	102	100		100	99	97		97	95	94		93
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91	89	87		85
3	101	95	89	85	99	93	88	85	91	87	83		88	85	82		86	83	81		79
4	96	88	82	78	94	87	82	78	85	80	77		83	79	76		81	78	75		73
5	91	83	76	72	90	82	76	72	80	75	71		78	74	70		77	73	70		68
6	87	77	71	67	85	77	71	67	75	70	66		74	69	66		72	68	65		64
7	82	73	67	62	81	72	66	62	71	66	62		70	65	61		68	64	61		60
8	78	69	63	58	77	68	62	58	67	62	58		66	61	58		65	61	57		56
9	75	65	59	55	74	64	59	55	63	58	55		63	58	54		62	57	54		53
10	71	61	56	52	70	61	55	52	60	55	51		59	55	51		59	54	51		50

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	91330
5°	88862
10°	81940
15°	72078
20°	60299
25°	47809
30°	35069
35°	24119
40°	15314
45°	8559
50°	4640
55°	3900
60°	3333
65°	3061
70°	2693
75°	2542
80°	2147
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 8559 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	37.4	11.9
10°-20°	87.9	28.0
20°-30°	89.9	28.6
30°-40°	57.0	18.2
40°-50°	22.7	7.2
50°-60°	9.2	2.9
60°-70°	5.9	1.9
70°-80°	3.0	1.0
80°-90°	0.9	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°	215.2	68.6
0°-40°	272.3	86.7
0°-60°	304.1	96.9
0°-90°	313.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	313.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	416	
5°	404	37
15°	318	88
25°	198	90
35°	90	57
45°	28	23
55°	10	9
65°	6	6
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	416.5
2.5°	413.5
5°	403.7
7.5°	388.4
10°	368.0
12.5°	343.8
15°	317.5
17.5°	288.6
20°	258.4
22.5°	228.2
25°	197.6
27.5°	167.0
30°	138.5
32.5°	113.0
35°	90.1
37.5°	70.5
40°	53.5
42.5°	39.5
45°	27.6
47.5°	18.7
50°	13.6
52.5°	11.5
55°	10.2
57.5°	8.9
60°	7.6
62.5°	6.8
65°	5.9
67.5°	5.1
70°	4.2
72.5°	3.4
75°	3.0
77.5°	2.1
80°	1.7
82.5°	1.3
85°	0.8
87.5°	0.4
90°	0.0

(END OF REPORT)