

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: P1248676

Luminaire Tested: P3AS05R659027DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248676
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-43)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R659027DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R65 optic, 2700K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

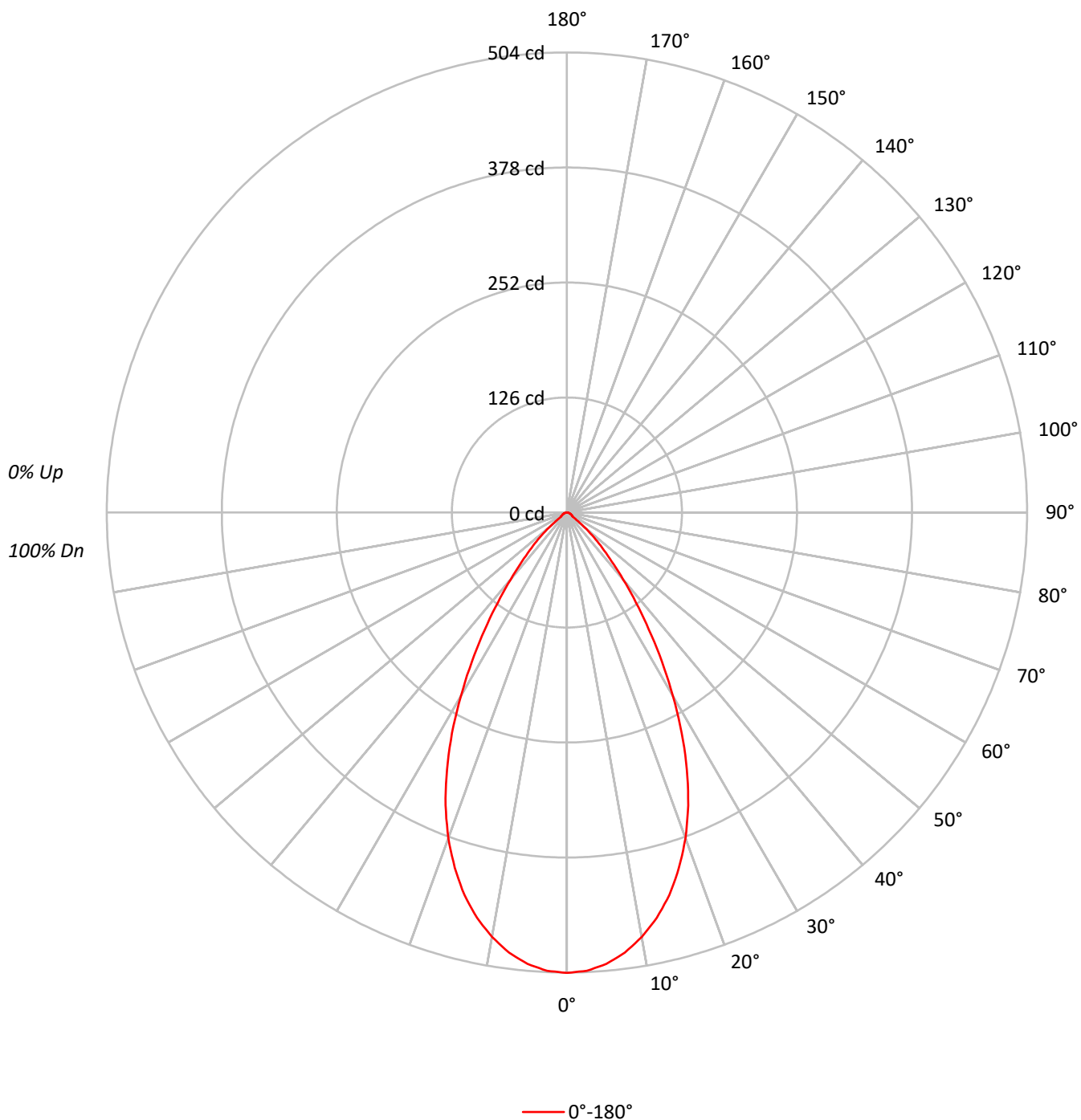
Lumens per Lamp: N/A
Luminaire Lumens: 468.9 lumens
Efficiency: N/A
Efficacy: 65.1 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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	107	105	111	108	106	103	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	101	95	89	85	99	93	88	84	90	86	83		88	85	82		86
4	96	88	82	78	94	87	81	77	85	80	76		83	79	75		81
5	91	82	76	71	89	81	75	71	79	74	70		77	73	70		76
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		72
7	82	72	66	61	80	71	65	61	70	64	61		69	64	60		67
8	77	67	61	57	76	67	61	57	66	60	57		65	60	56		64
9	74	64	57	53	72	63	57	53	62	57	53		61	56	53		60
10	70	60	54	50	69	60	54	50	59	53	50		58	53	50		57

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	110605
5°	109267
10°	105119
15°	98480
20°	88581
25°	75222
30°	58819
35°	41921
40°	27423
45°	16963
50°	8597
55°	3020
60°	2675
65°	2646
70°	2372
75°	2372
80°	2399
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16963 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.6	9.9
10°-20°	120.7	25.7
20°-30°	141.1	30.1
30°-40°	98.6	21.0
40°-50°	43.4	9.3
50°-60°	9.6	2.1
60°-70°	4.9	1.0
70°-80°	3.0	0.6
80°-90°	1.0	0.2
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°	308.4	65.8
0°-40°	407.0	86.8
0°-60°	460.1	98.1
0°-90°	468.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	468.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	504	
5°	496	47
15°	434	121
25°	311	141
35°	157	99
45°	55	43
55°	8	10
65°	5	5
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	504.4
2.5°	502.5
5°	496.4
7.5°	486.2
10°	472.1
12.5°	454.8
15°	433.8
17.5°	408.1
20°	379.6
22.5°	347.3
25°	310.9
27.5°	272.5
30°	232.3
32.5°	193.5
35°	156.6
37.5°	124.3
40°	95.8
42.5°	72.5
45°	54.7
47.5°	40.2
50°	25.2
52.5°	13.1
55°	7.9
57.5°	7.0
60°	6.1
62.5°	5.6
65°	5.1
67.5°	4.2
70°	3.7
72.5°	3.3
75°	2.8
77.5°	2.3
80°	1.9
82.5°	1.4
85°	0.9
87.5°	0.5
90°	0.0

(END OF REPORT)