

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: P1262097

Luminaire Tested: P3AS05R659727DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262097
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-41)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R659727DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R65 optic, 2700K CCT AND, 97CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

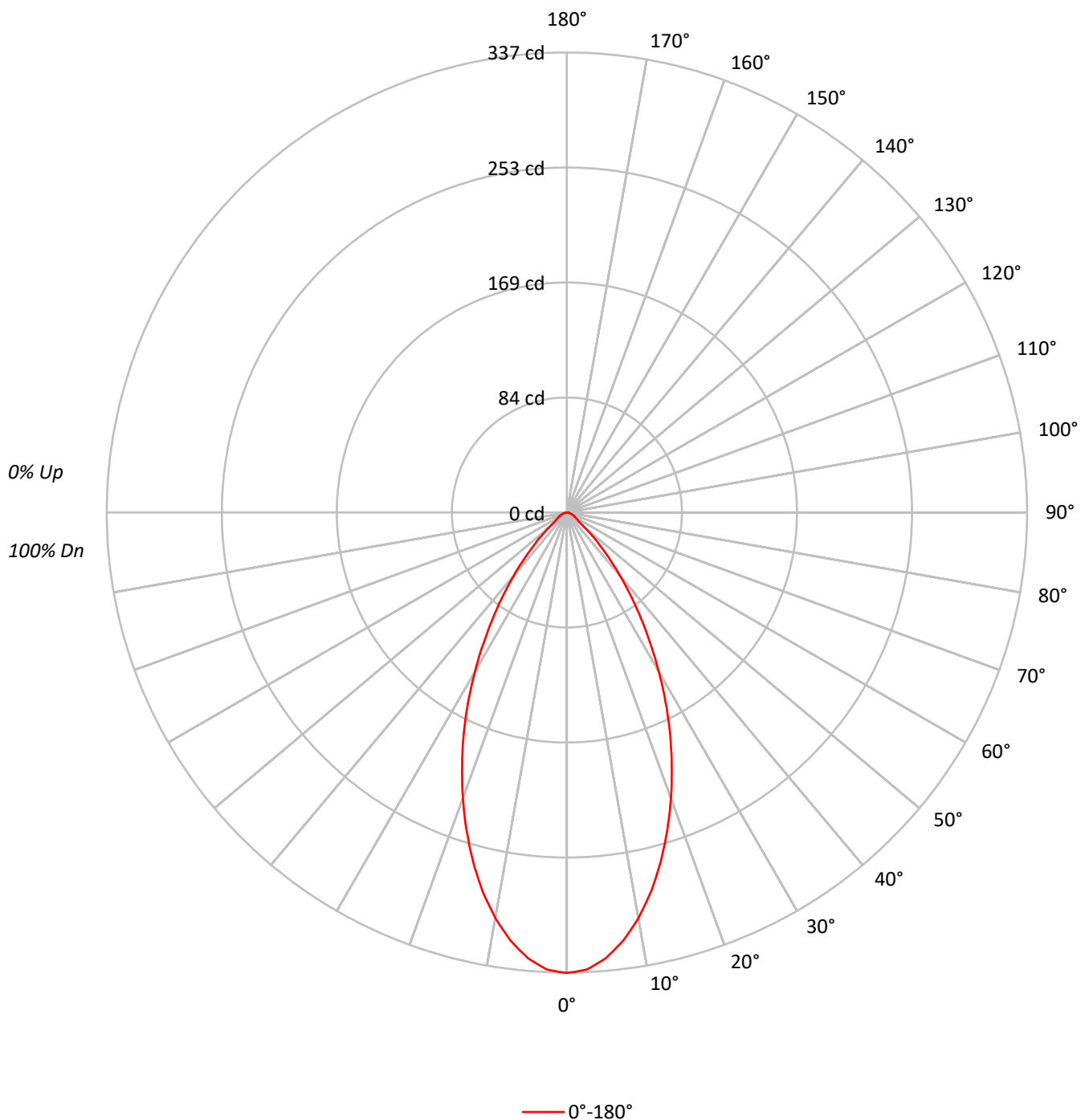
Lumens per Lamp: N/A
Luminaire Lumens: 291.0 lumens
Efficiency: N/A
Efficacy: 40.4 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				0
RW	70	50	30	10	70	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		100
1	113	110	107	105	110	108	105	103	104	102	100		100	98	97		92
2	107	101	97	93	104	100	96	92	96	93	90		93	91	88		85
3	101	94	88	84	99	92	87	83	90	85	82		87	84	81		78
4	95	87	81	76	93	86	80	76	84	79	75		82	78	74		72
5	90	81	75	70	88	80	74	70	78	73	69		77	72	69		66
6	85	76	69	65	84	75	69	65	73	68	64		72	67	64		62
7	81	71	65	60	79	70	64	60	69	64	60		68	63	59		57
8	77	67	60	56	75	66	60	56	65	59	56		64	59	55		54
9	73	63	57	52	72	62	56	52	61	56	52		60	55	52		50
10	69	59	53	49	68	59	53	49	58	53	49		57	52	49		47

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	73963
5°	72133
10°	67178
15°	60205
20°	51991
25°	43236
30°	34107
35°	25270
40°	17404
45°	10792
50°	5868
55°	3670
60°	3114
65°	2854
70°	2436
75°	2118
80°	2147
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10792 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.4	10.5
10°-20°	73.7	25.3
20°-30°	81.5	28.0
30°-40°	59.2	20.3
40°-50°	27.7	9.5
50°-60°	9.3	3.2
60°-70°	5.4	1.9
70°-80°	2.8	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°	185.6	63.8
0°-40°	244.8	84.1
0°-60°	281.9	96.9
0°-90°	291.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	291.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	337	
5°	328	30
15°	265	74
25°	179	81
35°	94	59
45°	35	28
55°	10	9
65°	6	5
75°	2	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	337.3
2.5°	335.2
5°	327.7
7.5°	316.3
10°	301.7
12.5°	284.5
15°	265.2
17.5°	244.2
20°	222.8
22.5°	200.5
25°	178.7
27.5°	156.5
30°	134.7
32.5°	113.7
35°	94.4
37.5°	76.8
40°	60.8
42.5°	46.6
45°	34.8
47.5°	25.2
50°	17.2
52.5°	11.7
55°	9.6
57.5°	8.4
60°	7.1
62.5°	6.3
65°	5.5
67.5°	4.6
70°	3.8
72.5°	3.4
75°	2.5
77.5°	2.1
80°	1.7
82.5°	1.3
85°	0.8
87.5°	0.4
90°	0.0

(END OF REPORT)