

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: P1256738

Luminaire Tested: P3AS05R559040DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1256738
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-33)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R559040DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R55 optic, 4000K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

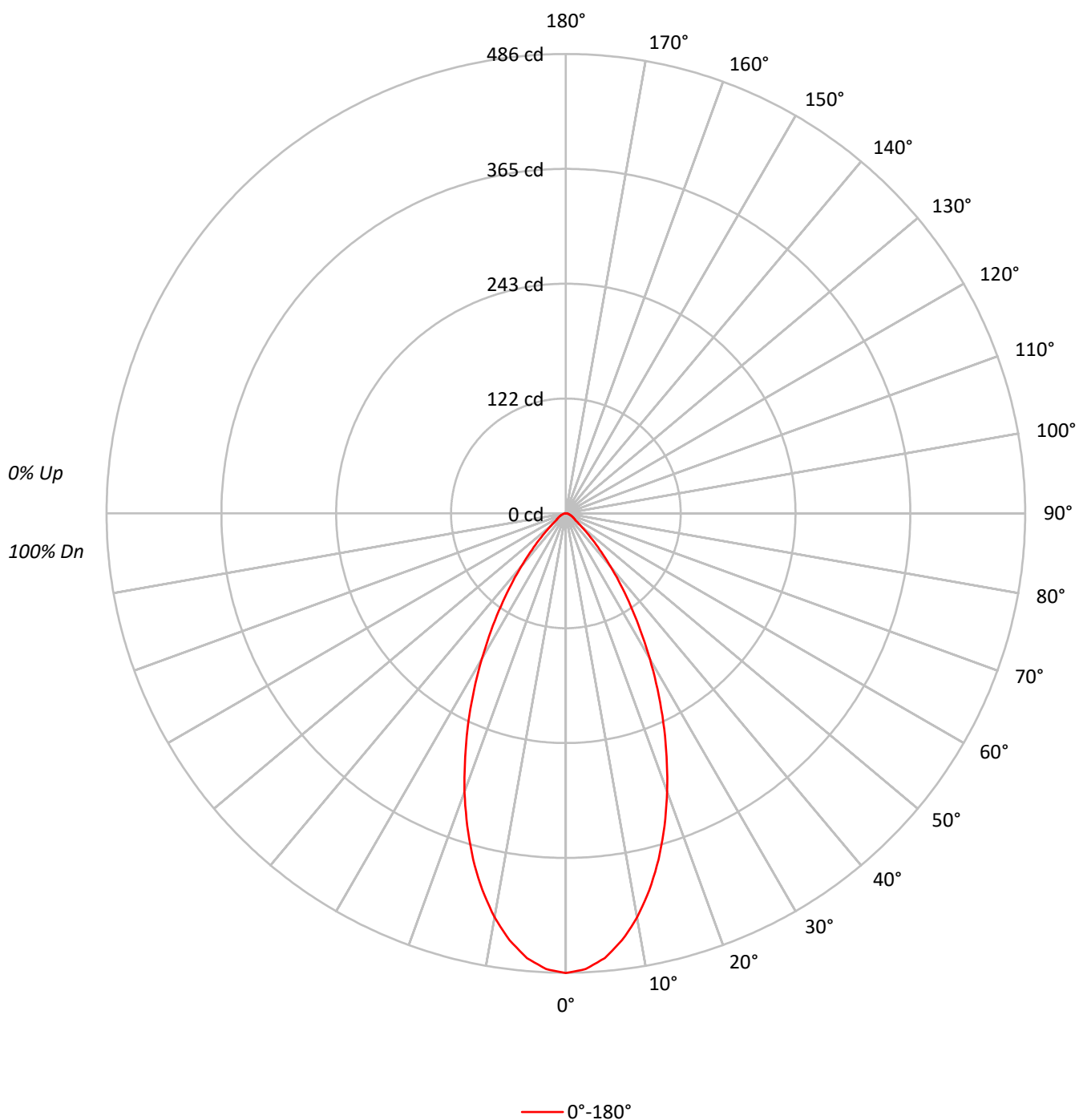
Lumens per Lamp: N/A
Luminaire Lumens: 392.0 lumens
Efficiency: N/A
Efficacy: 54.4 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.8
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	30	10	50	30	10
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	110	108	105	103	104	102	100	100	98	97	97	95	94	92		
2	107	102	97	94	105	100	96	93	97	93	91	94	91	89	91	89	87	85		
3	101	94	89	85	99	93	88	84	90	86	83	88	84	81	85	83	80	79		
4	96	88	82	77	94	87	81	77	84	80	76	82	78	75	80	77	74	73		
5	91	82	76	71	89	81	75	71	79	74	70	77	73	70	76	72	69	67		
6	86	77	70	66	84	76	70	66	74	69	65	73	68	65	72	68	64	63		
7	82	72	66	61	80	71	65	61	70	65	61	69	64	60	68	63	60	59		
8	78	68	62	57	76	67	61	57	66	61	57	65	60	57	64	60	56	55		
9	74	64	58	54	73	63	58	54	62	57	53	62	57	53	61	56	53	52		
10	70	60	55	51	69	60	54	50	59	54	50	58	54	50	58	53	50	49		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	106636
5°	103962
10°	96658
15°	86062
20°	73133
25°	59036
30°	44994
35°	32016
40°	21125
45°	12528
50°	7335
55°	4511
60°	4035
65°	3632
70°	3077
75°	2711
80°	2778
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12528 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	43.9	11.2
10°-20°	105.1	26.8
20°-30°	111.3	28.4
30°-40°	75.2	19.2
40°-50°	33.0	8.4
50°-60°	11.8	3.0
60°-70°	6.9	1.8
70°-80°	3.6	0.9
80°-90°	1.2	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°	260.3	66.4
0°-40°	335.5	85.6
0°-60°	380.3	97.0
0°-90°	392.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	392.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	486	
5°	472	44
15°	379	105
25°	244	111
35°	120	75
45°	40	33
55°	12	12
65°	7	7
75°	3	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	486.3
2.5°	482.5
5°	472.3
7.5°	455.6
10°	434.1
12.5°	408.2
15°	379.1
17.5°	346.8
20°	313.4
22.5°	278.4
25°	244.0
27.5°	210.0
30°	177.7
32.5°	147.0
35°	119.6
37.5°	94.8
40°	73.8
42.5°	55.5
45°	40.4
47.5°	29.6
50°	21.5
52.5°	15.1
55°	11.8
57.5°	10.8
60°	9.2
62.5°	8.1
65°	7.0
67.5°	5.9
70°	4.8
72.5°	4.3
75°	3.2
77.5°	2.7
80°	2.2
82.5°	1.6
85°	1.1
87.5°	0.5
90°	0.0

(END OF REPORT)