

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: P1257172

Luminaire Tested: P3AS09R659040DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257172
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: P3AS09R659040DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R65 optic, 4000K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

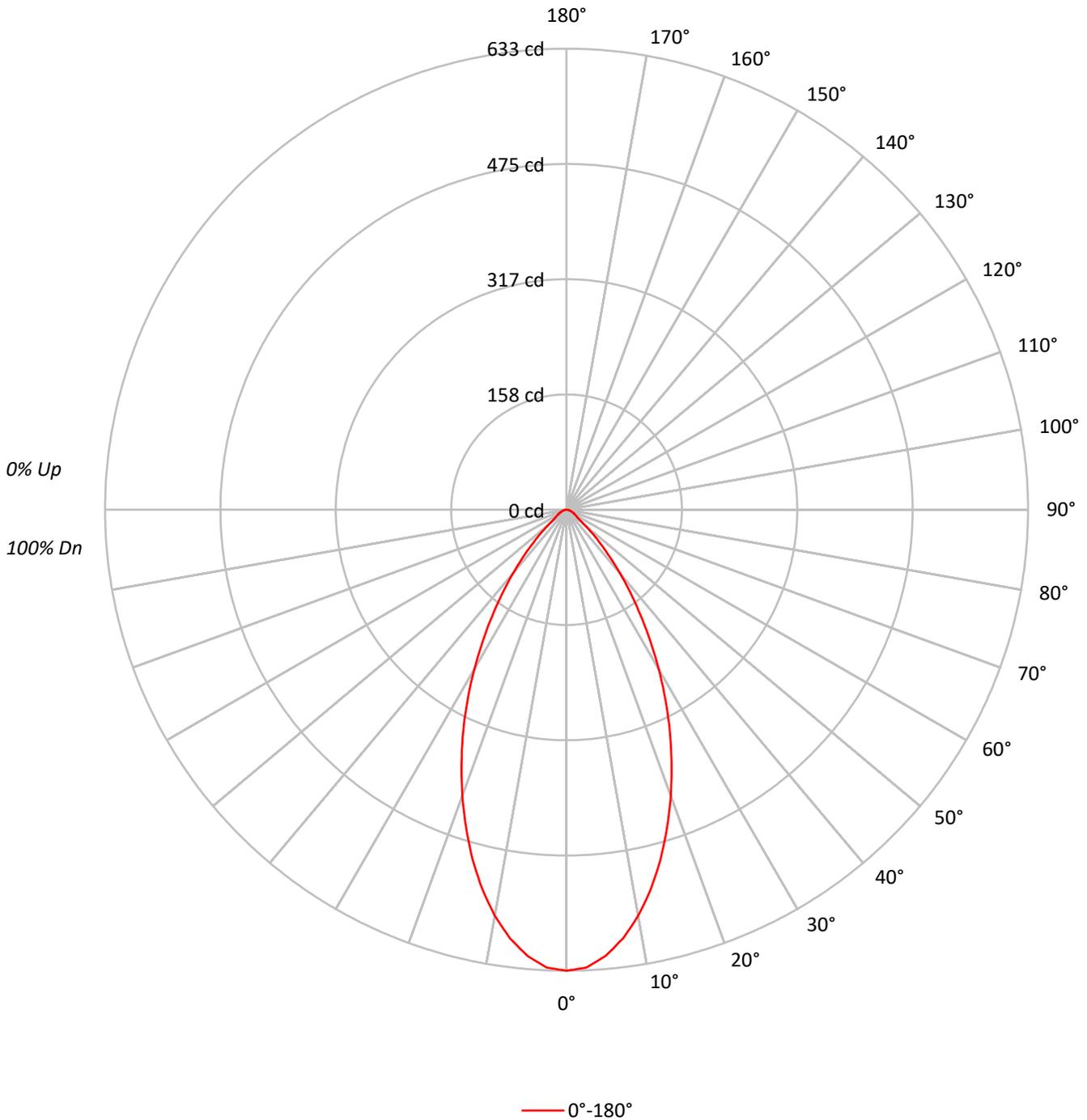
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 546.0 lumens
Efficiency: N/A
Efficacy: 49.2 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): 11.1
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	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	110	108	105	103	104	102	100	100	98	97	96	95	94	92			
2	107	101	97	93	104	100	96	92	96	93	90	93	91	88	90	88	86	85			
3	101	94	88	84	99	92	87	83	90	85	82	87	84	81	85	82	79	78			
4	95	87	81	76	93	86	80	76	84	79	75	82	78	74	80	76	73	72			
5	90	81	75	70	88	80	74	70	78	73	69	77	72	69	75	71	68	66			
6	85	76	69	65	84	75	69	65	73	68	64	72	67	64	71	66	63	62			
7	81	71	65	60	79	70	64	60	69	64	60	68	63	59	67	62	59	57			
8	77	67	60	56	75	66	60	56	65	59	56	64	59	55	63	58	55	54			
9	73	63	57	52	72	62	56	52	61	56	52	60	55	52	59	55	52	50			
10	69	59	53	49	68	59	53	49	58	53	49	57	52	49	56	52	49	47			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	138783
5°	135329
10°	126028
15°	112940
20°	97542
25°	81126
30°	63985
35°	47408
40°	32661
45°	20250
50°	11019
55°	6920
60°	5877
65°	5292
70°	4552
75°	3982
80°	3915
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 20250 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	57.1	10.5
10°-20°	138.3	25.3
20°-30°	152.9	28.0
30°-40°	111.0	20.3
40°-50°	52.0	9.5
50°-60°	17.5	3.2
60°-70°	10.1	1.9
70°-80°	5.3	1.0
80°-90°	1.7	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°	348.3	63.8
0°-40°	459.3	84.1
0°-60°	528.8	96.9
0°-90°	546.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	546.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	633	
5°	615	57
15°	498	138
25°	335	153
35°	177	111
45°	65	52
55°	18	17
65°	10	10
75°	5	5
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	632.9
2.5°	629.0
5°	614.8
7.5°	593.5
10°	566.0
12.5°	533.7
15°	497.5
17.5°	458.1
20°	418.0
22.5°	376.3
25°	335.3
27.5°	293.6
30°	252.7
32.5°	213.3
35°	177.1
37.5°	144.1
40°	114.1
42.5°	87.4
45°	65.3
47.5°	47.2
50°	32.3
52.5°	22.0
55°	18.1
57.5°	15.7
60°	13.4
62.5°	11.8
65°	10.2
67.5°	8.7
70°	7.1
72.5°	6.3
75°	4.7
77.5°	3.9
80°	3.1
82.5°	2.4
85°	1.6
87.5°	0.8
90°	0.0

(END OF REPORT)