

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: P1267503

Luminaire Tested: P3AS13R409735DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1267503
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-21)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R409735DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R40 optic, 3500K CCT AND, 97CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

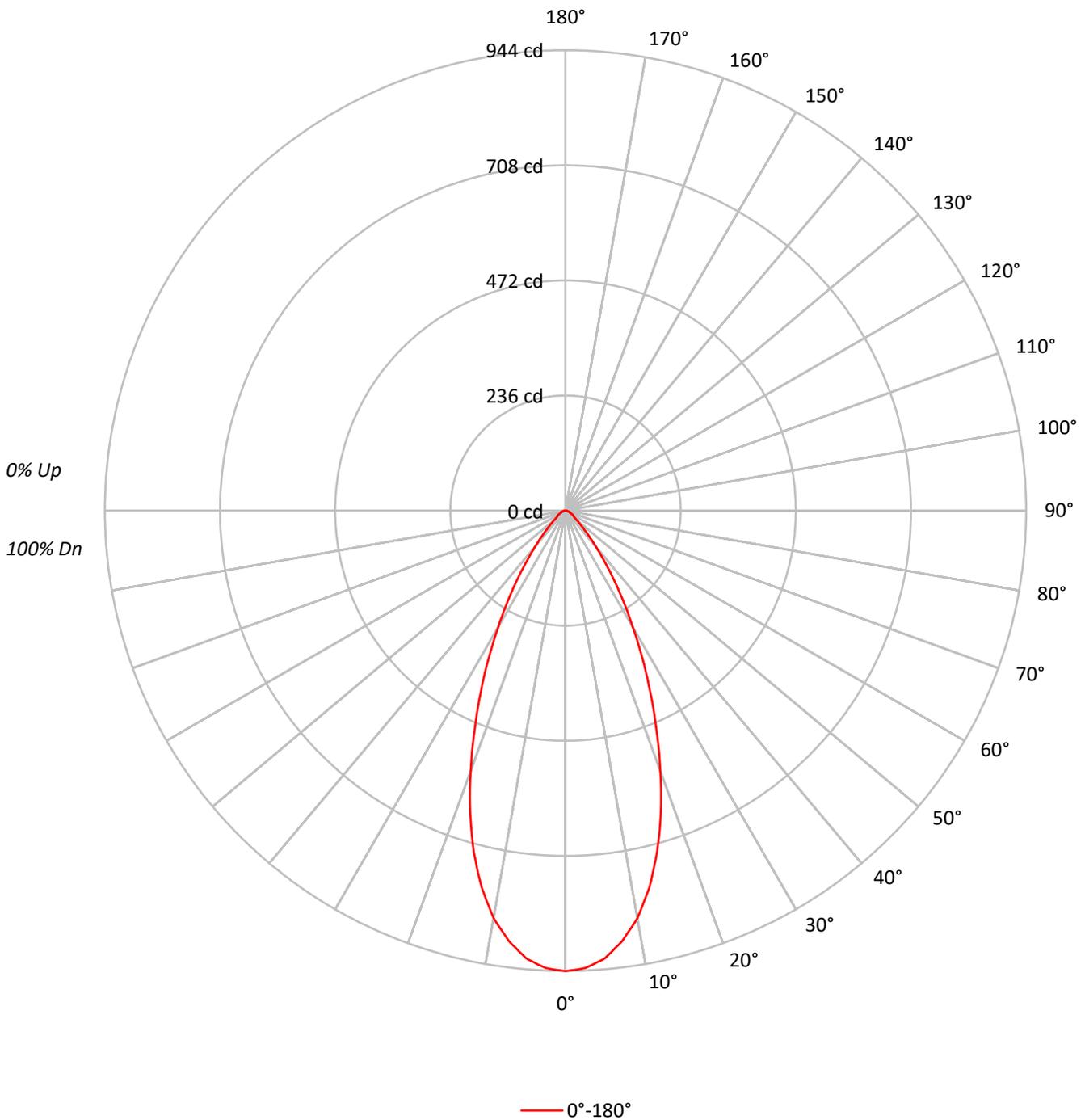
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 665.0 lumens
Efficiency: N/A
Efficacy: 45.5 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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	100	100	100
1	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93	93	93	93
2	107	102	98	95	105	101	97	93	97	94	91	94	92	89	92	89	88	86	86	86	86
3	102	95	90	86	100	94	89	85	91	87	84	89	85	83	86	84	81	80	80	80	80
4	97	89	83	79	95	88	83	79	86	81	78	84	80	77	82	79	76	74	74	74	74
5	92	83	77	73	90	82	77	73	81	76	72	79	75	71	77	74	71	69	69	69	69
6	87	78	72	68	86	78	72	68	76	71	67	75	70	67	73	69	66	65	65	65	65
7	83	74	68	64	82	73	68	64	72	67	63	71	66	63	70	66	62	61	61	61	61
8	79	70	64	60	78	69	64	60	68	63	59	67	63	59	66	62	59	58	58	58	58
9	76	66	60	56	75	66	60	56	65	60	56	64	59	56	63	59	56	54	54	54	54
10	72	63	57	53	71	62	57	53	62	57	53	61	56	53	60	56	53	51	51	51	51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	207067
5°	202883
10°	188885
15°	164632
20°	132685
25°	99441
30°	69909
35°	45802
40°	27738
45°	16560
50°	9893
55°	7952
60°	7149
65°	6123
70°	5834
75°	4575
80°	4546
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 16560 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	85.6	12.9
10°-20°	199.7	30.0
20°-30°	188.2	28.3
30°-40°	108.8	16.4
40°-50°	43.4	6.5
50°-60°	19.2	2.9
60°-70°	11.9	1.8
70°-80°	6.2	0.9
80°-90°	2.0	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°	473.6	71.2
0°-40°	582.4	87.6
0°-60°	644.9	97.0
0°-90°	665.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	665.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	944	
5°	922	86
15°	725	200
25°	411	188
35°	171	109
45°	53	43
55°	21	19
65°	12	12
75°	5	6
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	944.3
2.5°	938.9
5°	921.7
7.5°	890.0
10°	848.3
12.5°	792.2
15°	725.2
17.5°	650.1
20°	568.6
22.5°	487.1
25°	411.0
27.5°	340.4
30°	276.1
32.5°	220.0
35°	171.1
37.5°	129.5
40°	96.9
42.5°	72.4
45°	53.4
47.5°	38.9
50°	29.0
52.5°	23.5
55°	20.8
57.5°	19.0
60°	16.3
62.5°	13.6
65°	11.8
67.5°	10.0
70°	9.1
72.5°	7.2
75°	5.4
77.5°	4.5
80°	3.6
82.5°	2.7
85°	1.8
87.5°	0.9
90°	0.0

(END OF REPORT)