

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: P1260180

Luminaire Tested: P3AS13R659050DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260180
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-42)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R659050DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R65 optic, 5000K CCT AND, 90CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

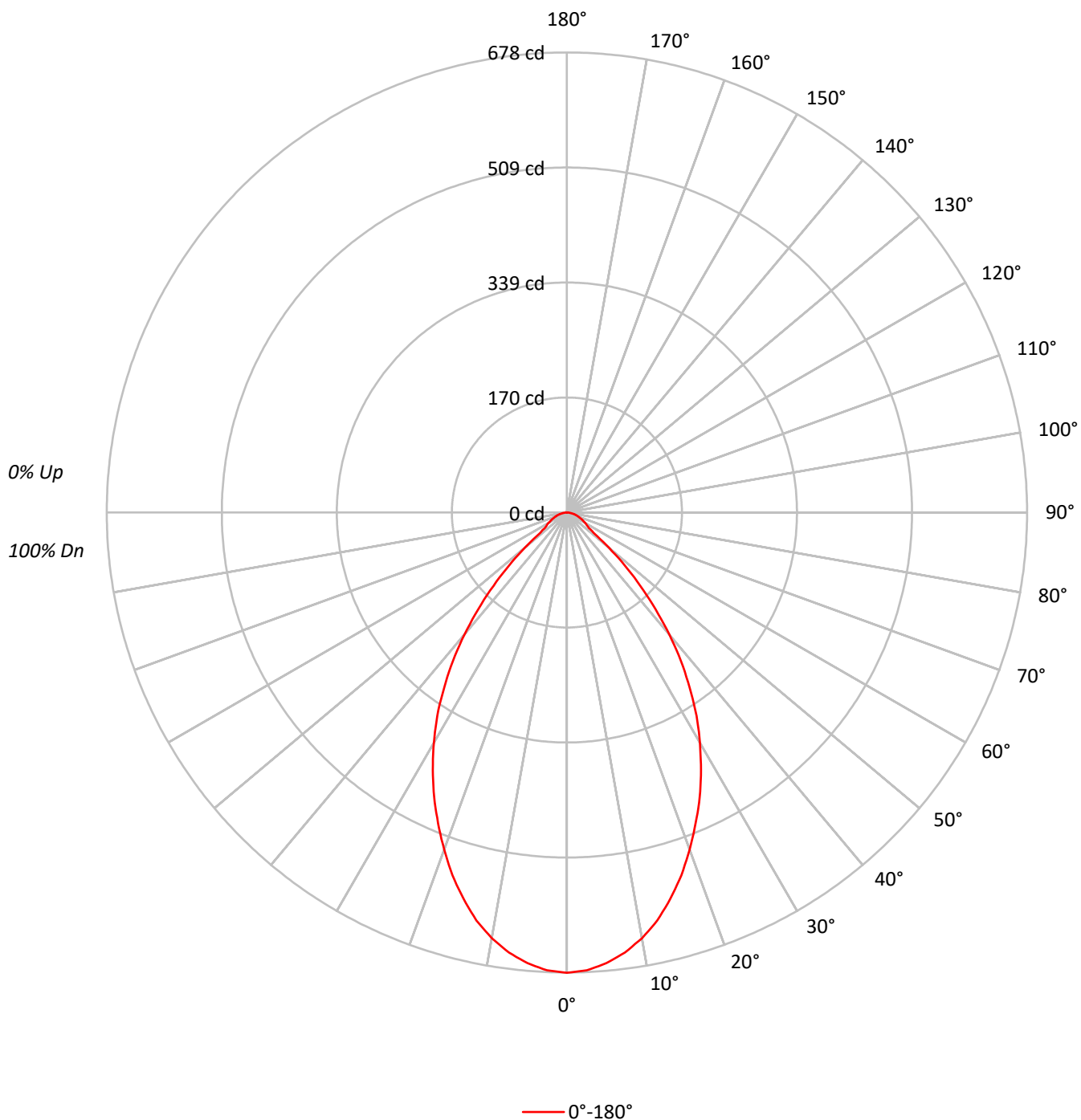
Lumens per Lamp: N/A
Luminaire Lumens: 835.9 lumens
Efficiency: N/A
Efficacy: 57.3 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
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	112	109	106	103	110	107	104	101	102	100	98	99	97	95	95	94	93	91		
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	86	84	82		
3	99	91	85	80	96	89	84	79	87	82	78	84	80	77	82	78	76	74		
4	92	83	77	72	90	82	76	71	80	75	70	78	73	70	76	72	69	67		
5	87	77	70	65	85	76	69	65	74	68	64	72	67	63	71	66	63	61		
6	82	71	64	59	80	70	64	59	69	63	58	67	62	58	66	61	58	56		
7	77	66	59	54	75	65	59	54	64	58	54	63	57	53	61	57	53	51		
8	72	61	55	50	71	61	54	50	60	54	49	59	53	49	58	53	49	47		
9	68	57	51	46	67	57	50	46	56	50	46	55	49	46	54	49	45	44		
10	65	54	47	43	64	53	47	43	52	47	43	52	46	42	51	46	42	41		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	148760
5°	146775
10°	141837
15°	133781
20°	123374
25°	111998
30°	99205
35°	84403
40°	67154
45°	47416
50°	27530
55°	15025
60°	13990
65°	12660
70°	11540
75°	10760
80°	9345
85°	8051

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 47416 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	62.7	7.5
10°-20°	164.9	19.7
20°-30°	211.9	25.3
30°-40°	196.0	23.4
40°-50°	118.3	14.2
50°-60°	40.4	4.8
60°-70°	24.3	2.9
70°-80°	13.7	1.6
80°-90°	3.9	0.5
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°	439.4	52.6
0°-40°	635.4	76.0
0°-60°	794.1	95.0
0°-90°	835.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	835.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	678	
5°	667	63
15°	589	165
25°	463	212
35°	315	196
45°	153	118
55°	39	40
65°	24	24
75°	13	14
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	678.4
2.5°	675.3
5°	666.8
7.5°	654.0
10°	637.0
12.5°	615.8
15°	589.3
17.5°	560.6
20°	528.7
22.5°	495.8
25°	462.9
27.5°	427.9
30°	391.8
32.5°	355.7
35°	315.3
37.5°	276.0
40°	234.6
42.5°	193.2
45°	152.9
47.5°	115.7
50°	80.7
52.5°	51.0
55°	39.3
57.5°	35.0
60°	31.9
62.5°	27.6
65°	24.4
67.5°	21.2
70°	18.0
72.5°	15.9
75°	12.7
77.5°	10.6
80°	7.4
82.5°	5.3
85°	3.2
87.5°	2.1
90°	0.0

(END OF REPORT)