

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: P1260008

Luminaire Tested: P3AS13R359050DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260008
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R359050DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 5000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

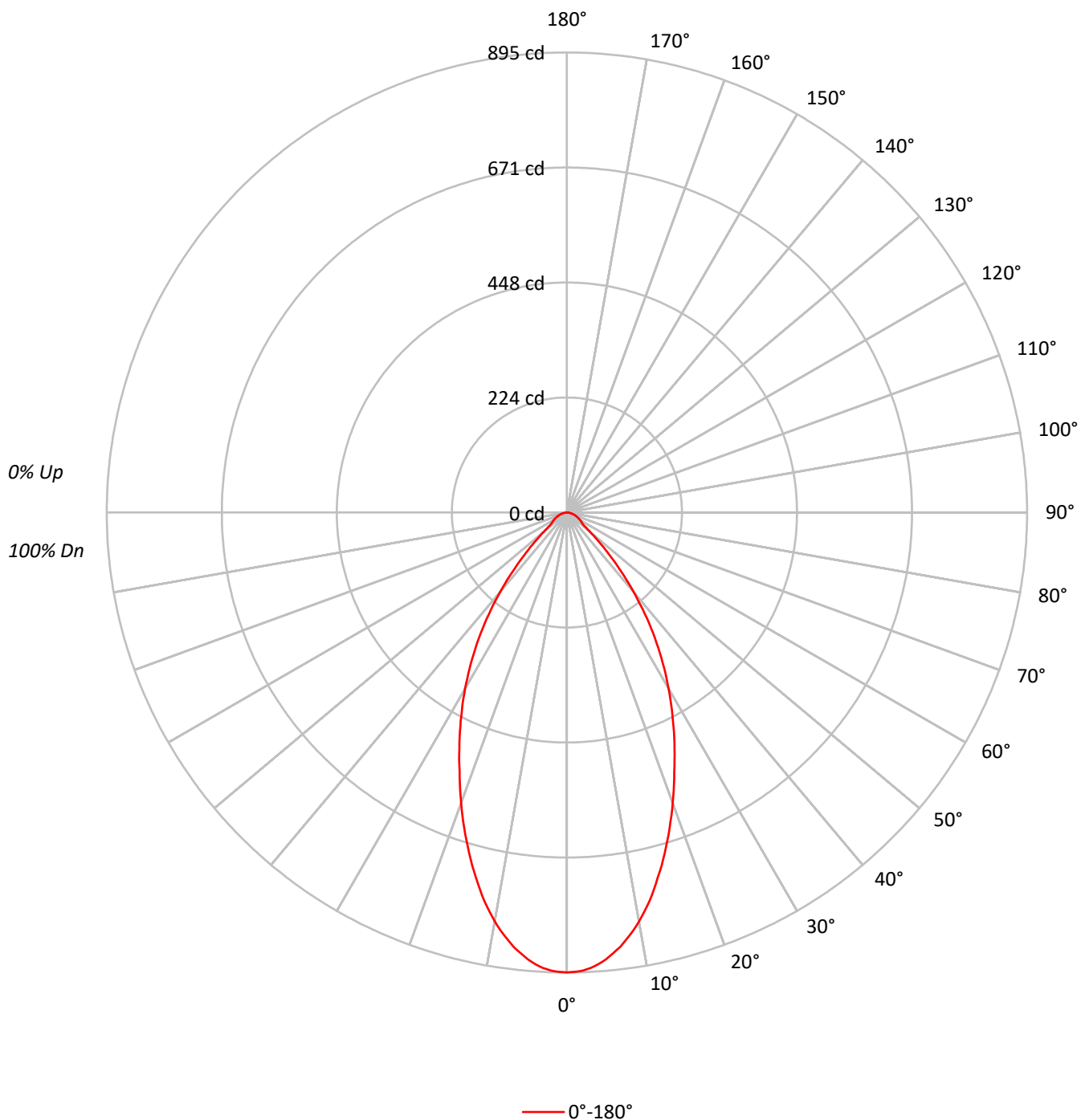
Lumens per Lamp: N/A
Luminaire Lumens: 859.0 lumens
Efficiency: N/A
Efficacy: 58.8 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	112	109	106	104	110	107	104	102	103	101	99		99	98	96		96
2	106	100	96	92	104	98	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	81	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	75	72		78
5	89	79	73	68	87	78	72	67	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	61		70	65	61		68
7	79	69	62	57	78	68	62	57	67	61	57		65	60	57		64
8	75	64	58	53	74	64	57	53	63	57	53		62	56	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	51	46	66	56	50	46	56	50	46		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	196212
5°	192053
10°	179868
15°	161454
20°	140456
25°	119692
30°	100243
35°	79853
40°	57737
45°	36531
50°	19923
55°	13801
60°	13025
65°	12141
70°	11540
75°	9913
80°	9345
85°	8051

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 36531 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	81.2	9.5
10°-20°	197.9	23.0
20°-30°	226.8	26.4
30°-40°	185.1	21.5
40°-50°	93.3	10.9
50°-60°	34.7	4.0
60°-70°	23.2	2.7
70°-80°	12.9	1.5
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°	505.9	58.9
0°-40°	691.0	80.4
0°-60°	819.0	95.3
0°-90°	859.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	859.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	895	
5°	872	81
15°	711	198
25°	495	227
35°	298	185
45°	118	93
55°	36	35
65°	23	23
75°	12	13
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	894.8
1°	893.8
2°	891.7
3°	887.4
4°	881.0
5°	872.5
6°	861.9
7°	851.3
8°	837.5
9°	823.7
10°	807.8
11°	790.8
12°	772.8
13°	752.6
14°	731.4
15°	711.2
17.5°	657.1
20°	601.9
22.5°	545.6
25°	494.7
27.5°	444.8
30°	395.9
32.5°	347.1
35°	298.3
37.5°	249.5
40°	201.7
42.5°	157.1
45°	117.8
47.5°	84.9
50°	58.4
52.5°	42.5
55°	36.1
57.5°	32.9
60°	29.7
62.5°	26.5
65°	23.4
67.5°	20.2
70°	18.0
72.5°	14.9
75°	11.7
77.5°	9.6
80°	7.4
82.5°	5.3
85°	3.2
87.5°	2.1



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)