

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: P1259875

Luminaire Tested: P3AS13R159050DE010 E3CD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1259875
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-4)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R159050DE010 E3CD1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 5000K CCT AND, 90CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

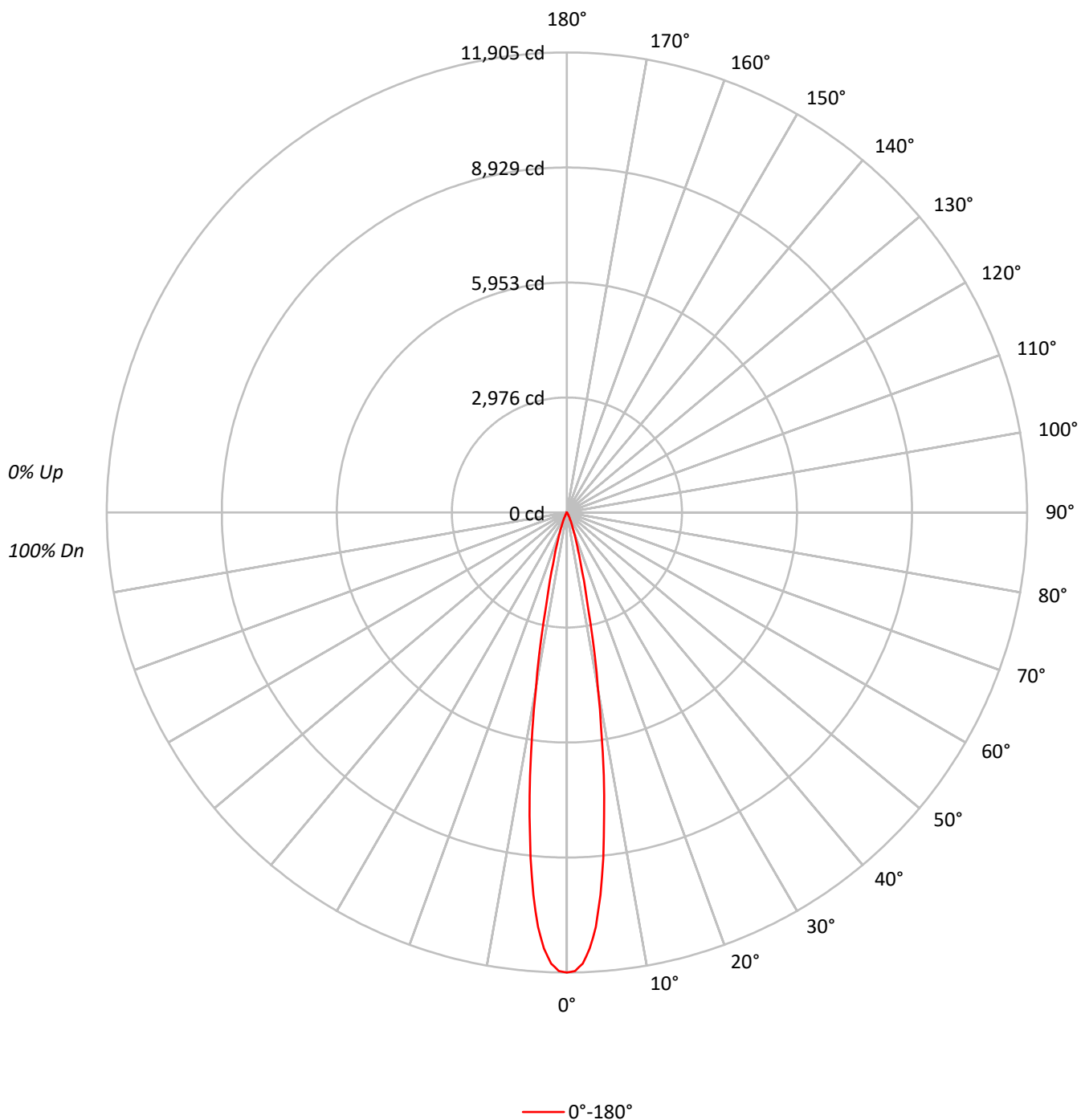
Lumens per Lamp: N/A
Luminaire Lumens: 1343.0 lumens
Efficiency: N/A
Efficacy: 92.0 lumens/watt
Spacing Criteria (0/90/45): 0.3 / 0.3 / 0.29
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	116	114	112	111	113	112	110	109	108	107	106	104	103	103	101	100	100	98		
2	113	110	107	105	111	108	106	104	105	103	101	102	101	99	99	98	97	96		
3	110	106	103	100	108	105	102	100	102	100	98	100	98	97	98	97	95	94		
4	107	103	100	97	106	102	99	97	100	97	95	98	96	94	97	95	93	92		
5	105	100	97	94	104	99	96	94	98	95	93	96	94	92	95	93	92	91		
6	103	98	94	92	102	97	94	92	96	93	91	95	92	91	94	92	90	89		
7	101	96	92	90	100	95	92	90	94	91	89	93	91	89	92	90	89	88		
8	99	94	90	88	98	93	90	88	92	90	88	92	89	87	91	89	87	86		
9	97	92	89	87	97	92	89	86	91	88	86	90	88	86	90	87	86	85		
10	96	90	87	85	95	90	87	85	89	87	85	89	86	85	88	86	85	84		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	2610471
5°	2187822
10°	1030553
15°	310694
20°	114973
25°	44712
30°	16661
35°	5113
40°	1832
45°	992
50°	716
55°	803
60°	921
65°	571
70°	705
75°	932
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 992 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	768.4	57.2
10°-20°	456.8	34.0
20°-30°	96.0	7.1
30°-40°	15.5	1.2
40°-50°	2.6	0.2
50°-60°	1.9	0.1
60°-70°	1.2	0.1
70°-80°	0.7	0.1
80°-90°	0.0	0.0
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°	1321.1	98.4
0°-40°	1336.6	99.5
0°-60°	1341.1	99.9
0°-90°	1343.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1343.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	11905	
5°	9939	768
15°	1369	457
25°	185	96
35°	19	15
45°	3	3
55°	2	2
65°	1	1
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	11904.7
1°	11867.5
2°	11678.5
3°	11300.5
4°	10746.3
5°	9939.3
6°	8991.2
7°	7907.1
8°	6871.9
9°	5699.6
10°	4628.3
12.5°	2497.3
15°	1368.6
17.5°	801.6
20°	492.7
22.5°	301.5
25°	184.8
27.5°	111.5
30°	65.8
32.5°	37.2
35°	19.1
37.5°	10.6
40°	6.4
42.5°	4.2
45°	3.2
47.5°	2.1
50°	2.1
52.5°	2.1
55°	2.1
57.5°	2.1
60°	2.1
62.5°	1.1
65°	1.1
67.5°	1.1
70°	1.1
72.5°	1.1
75°	1.1
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)