

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: P1253398

Luminaire Tested: P3AS02R159035DE010 E3DLD1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253398
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R159035DE010 E3DLD1WMH
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 90CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

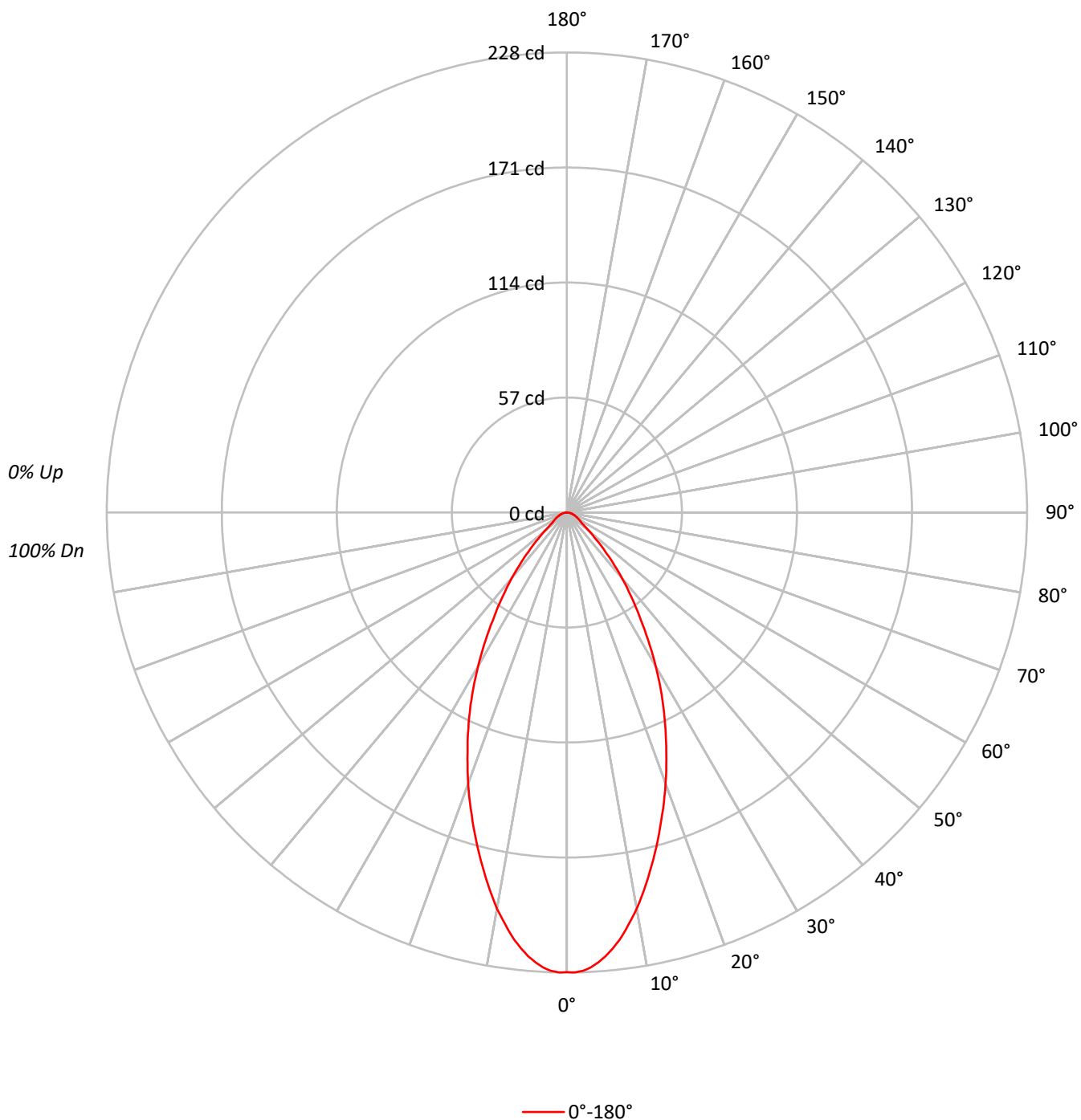
Lumens per Lamp: N/A
Luminaire Lumens: 198.1 lumens
Efficiency: N/A
Efficacy: 55.0 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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	113	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	94	91	95	92	89		92	90	87		90
3	100	93	87	83	98	91	86	82	89	84	81		86	82	79		84
4	94	86	80	75	92	85	79	74	82	77	73		80	76	73		78
5	89	80	73	68	87	79	73	68	77	72	67		75	70	67		73
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		69
7	80	69	63	58	78	69	63	58	67	62	58		66	61	57		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	47	67	57	51	47	57	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	49952
5°	48580
10°	44399
15°	38888
20°	33370
25°	27848
30°	22282
35°	16731
40°	12137
45°	7939
50°	4947
55°	3364
60°	2982
65°	2750
70°	2565
75°	2372
80°	2273
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 7939 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.4	10.3
10°-20°	47.7	24.1
20°-30°	52.6	26.6
30°-40°	39.4	19.9
40°-50°	20.4	10.3
50°-60°	8.5	4.3
60°-70°	5.2	2.6
70°-80°	3.0	1.5
80°-90°	0.9	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°	120.7	60.9
0°-40°	160.1	80.8
0°-60°	189.0	95.4
0°-90°	198.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	198.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	228	
5°	221	20
15°	171	48
25°	115	53
35°	62	39
45°	26	20
55°	9	8
65°	5	5
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	227.8
1°	228.0
2°	227.3
3°	225.8
4°	223.5
5°	220.7
6°	217.2
7°	213.5
8°	208.9
9°	204.2
10°	199.4
12.5°	185.6
15°	171.3
17.5°	157.0
20°	143.0
22.5°	128.7
25°	115.1
27.5°	101.6
30°	88.0
32.5°	74.7
35°	62.5
37.5°	51.9
40°	42.4
42.5°	33.6
45°	25.6
47.5°	19.3
50°	14.5
52.5°	10.8
55°	8.8
57.5°	7.8
60°	6.8
62.5°	6.0
65°	5.3
67.5°	4.5
70°	4.0
72.5°	3.3
75°	2.8
77.5°	2.3
80°	1.8
82.5°	1.3
85°	0.8
87.5°	0.3
90°	0.0

(END OF REPORT)