

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: P1256099

Luminaire Tested: P3AS02R159040DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1256099
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R159040DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R15 optic, 4000K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

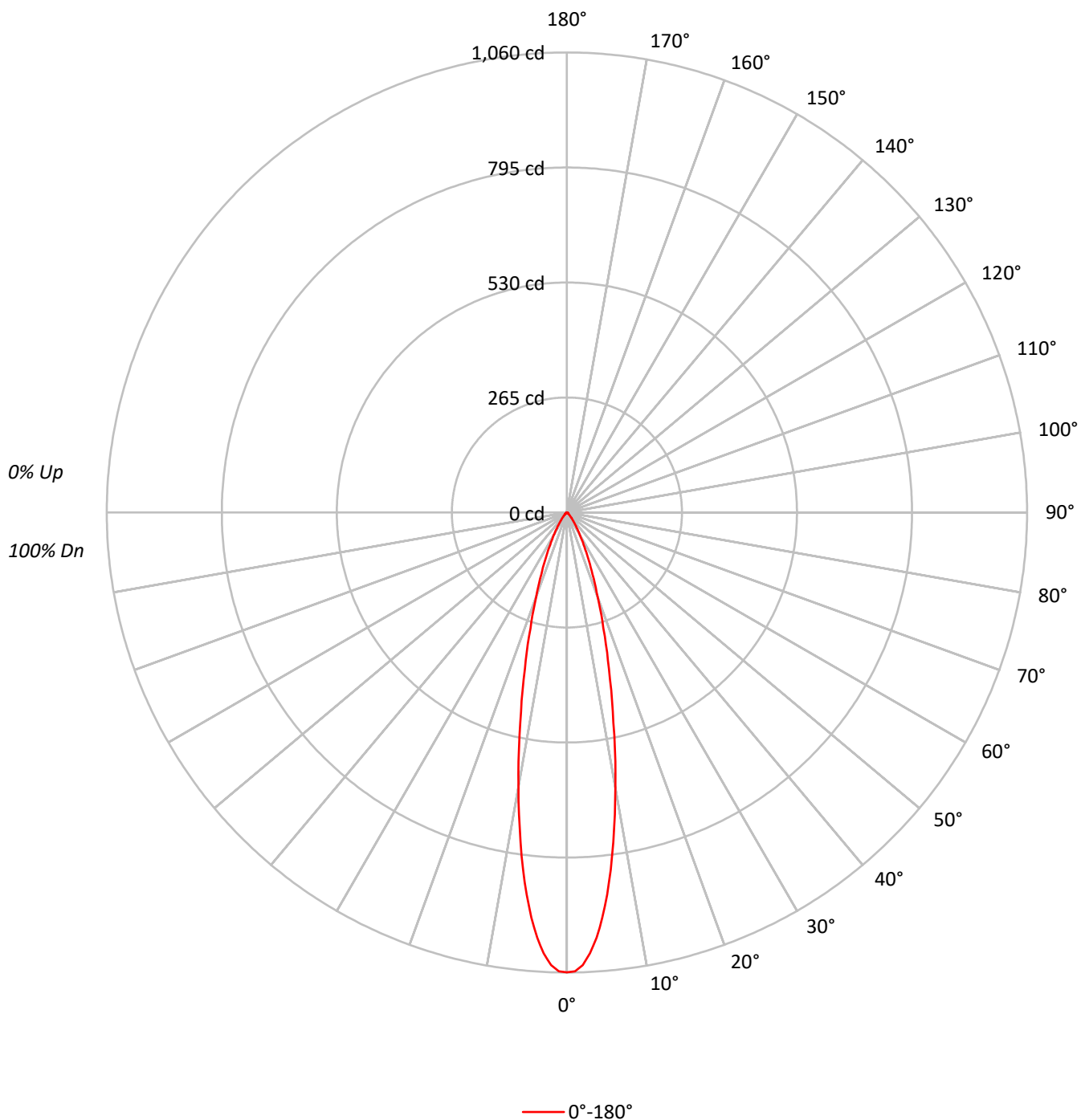
Lumens per Lamp: N/A
Luminaire Lumens: 272.0 lumens
Efficiency: N/A
Efficacy: 75.6 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	106	103	100	108	104	101	99	101	99	97		98	96	95		96
3	106	101	97	93	104	99	96	93	97	94	91		94	92	90		92
4	102	96	92	88	100	95	91	88	93	89	87		91	88	86		89
5	98	92	87	84	97	91	87	83	89	85	83		88	84	82		86
6	95	88	83	80	94	87	83	80	86	82	79		85	81	79		83
7	92	85	80	77	91	84	80	76	83	79	76		82	78	76		81
8	89	81	77	74	88	81	77	73	80	76	73		79	75	73		78
9	86	79	74	71	85	78	74	71	77	73	71		77	73	70		76
10	84	76	71	68	83	76	71	68	75	71	68		74	71	68		74

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	232350
5°	206251
10°	143239
15°	84700
20°	48234
25°	27582
30°	15268
35°	8138
40°	4494
45°	2450
50°	1535
55°	1185
60°	1053
65°	934
70°	833
75°	847
80°	631
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2450 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	79.7	29.3
10°-20°	105.2	38.7
20°-30°	54.1	19.9
30°-40°	20.3	7.5
40°-50°	6.7	2.5
50°-60°	2.9	1.1
60°-70°	1.8	0.7
70°-80°	1.1	0.4
80°-90°	0.3	0.1
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°	239.0	87.9
0°-40°	259.3	95.3
0°-60°	268.8	98.8
0°-90°	272.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	272.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1060	
5°	937	80
15°	373	105
25°	114	54
35°	30	20
45°	8	7
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1059.6
1°	1057.5
2°	1043.7
3°	1017.2
4°	982.3
5°	937.0
6°	885.7
7°	829.3
8°	766.7
9°	704.9
10°	643.3
12.5°	495.0
15°	373.1
17.5°	279.3
20°	206.7
22.5°	154.3
25°	114.0
27.5°	83.1
30°	60.3
32.5°	42.7
35°	30.4
37.5°	21.7
40°	15.7
42.5°	11.3
45°	7.9
47.5°	5.8
50°	4.5
52.5°	3.7
55°	3.1
57.5°	2.6
60°	2.4
62.5°	2.1
65°	1.8
67.5°	1.6
70°	1.3
72.5°	1.3
75°	1.0
77.5°	0.8
80°	0.5
82.5°	0.5
85°	0.3
87.5°	0.0
90°	0.0

(END OF REPORT)