

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: P1261372

Luminaire Tested: P3AS02R129727DE010 E3DLD1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261372
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: P3AS02R129727DE010 E3DLD1WMH
Description: 3in Adjustable LED luminaire with, R12 optic, 2700K CCT AND, 97CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

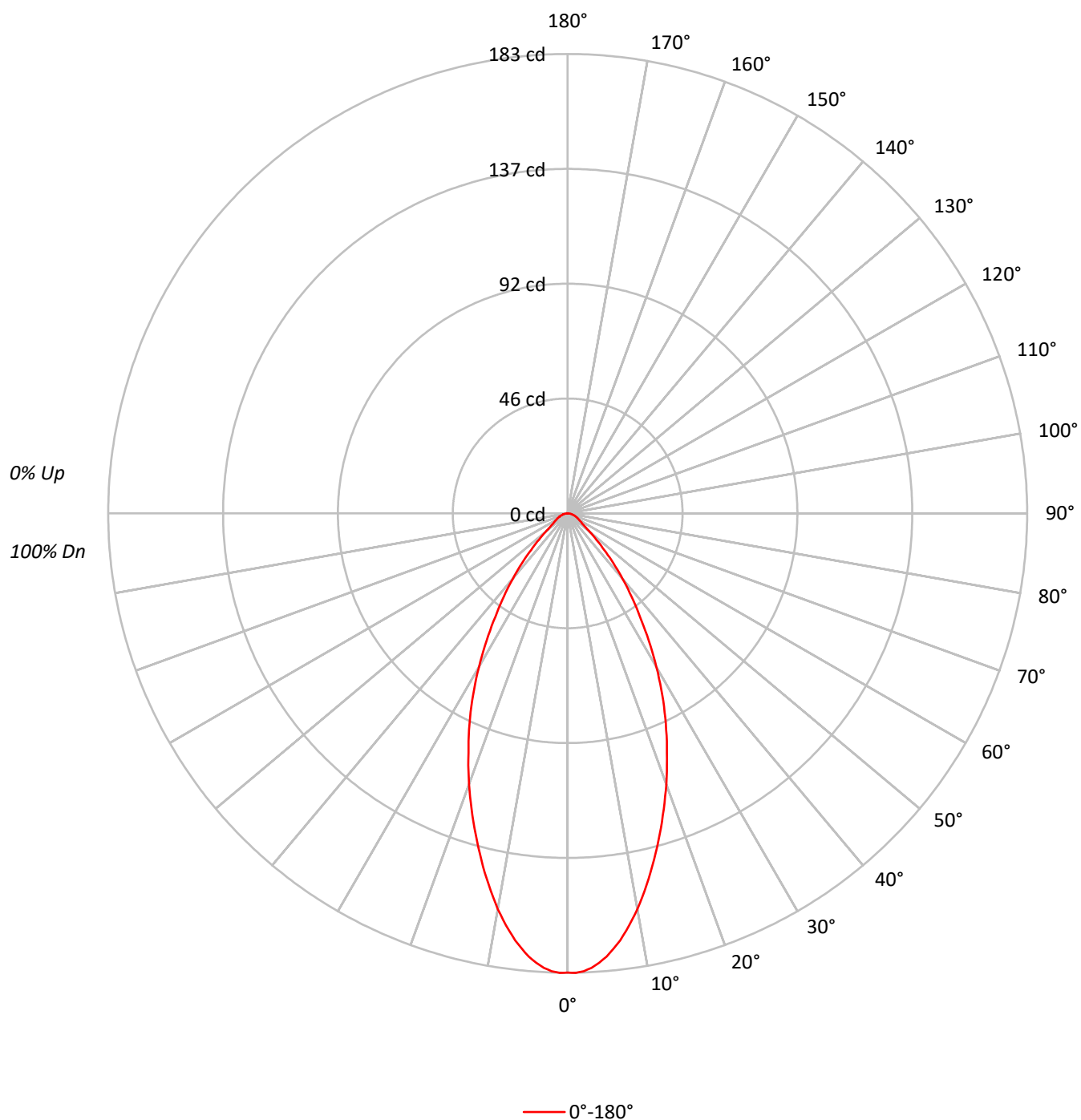
Lumens per Lamp: N/A
Luminaire Lumens: 158.9 lumens
Efficiency: N/A
Efficacy: 43.0 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.7
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	107	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	95	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	74		80	76	73		78
5	89	80	73	68	87	79	73	68	77	72	68		75	71	67		74
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		69
7	80	70	63	58	78	69	63	58	67	62	58		66	61	58		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	48	67	57	51	47	57	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	40106
5°	39027
10°	35648
15°	31237
20°	26789
25°	22380
30°	17901
35°	13438
40°	9733
45°	6357
50°	3991
55°	2676
60°	2368
65°	2179
70°	2052
75°	1864
80°	1768
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 6357 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.4	10.3
10°-20°	38.3	24.1
20°-30°	42.2	26.6
30°-40°	31.6	19.9
40°-50°	16.4	10.3
50°-60°	6.8	4.3
60°-70°	4.2	2.6
70°-80°	2.3	1.5
80°-90°	0.7	0.4
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°	96.9	61.0
0°-40°	128.6	80.9
0°-60°	151.7	95.5
0°-90°	158.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	158.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	183	
5°	177	16
15°	138	38
25°	92	42
35°	50	32
45°	20	16
55°	7	7
65°	4	4
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	182.9
1°	183.1
2°	182.5
3°	181.3
4°	179.5
5°	177.3
6°	174.4
7°	171.4
8°	167.8
9°	164.0
10°	160.1
12.5°	149.1
15°	137.6
17.5°	126.1
20°	114.8
22.5°	103.3
25°	92.5
27.5°	81.6
30°	70.7
32.5°	60.0
35°	50.2
37.5°	41.7
40°	34.0
42.5°	27.0
45°	20.5
47.5°	15.5
50°	11.7
52.5°	8.7
55°	7.0
57.5°	6.2
60°	5.4
62.5°	4.8
65°	4.2
67.5°	3.6
70°	3.2
72.5°	2.6
75°	2.2
77.5°	1.8
80°	1.4
82.5°	1.0
85°	0.6
87.5°	0.2
90°	0.0

(END OF REPORT)