

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: P1275294

Luminaire Tested: P3AS02R709835DE010 E3DLP1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275294
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-45)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R709835DE010 E3DLP1WMH
Description: 3in Adjustable LED luminaire with, R70 optic, 3500K CCT AND, 98CRI , E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

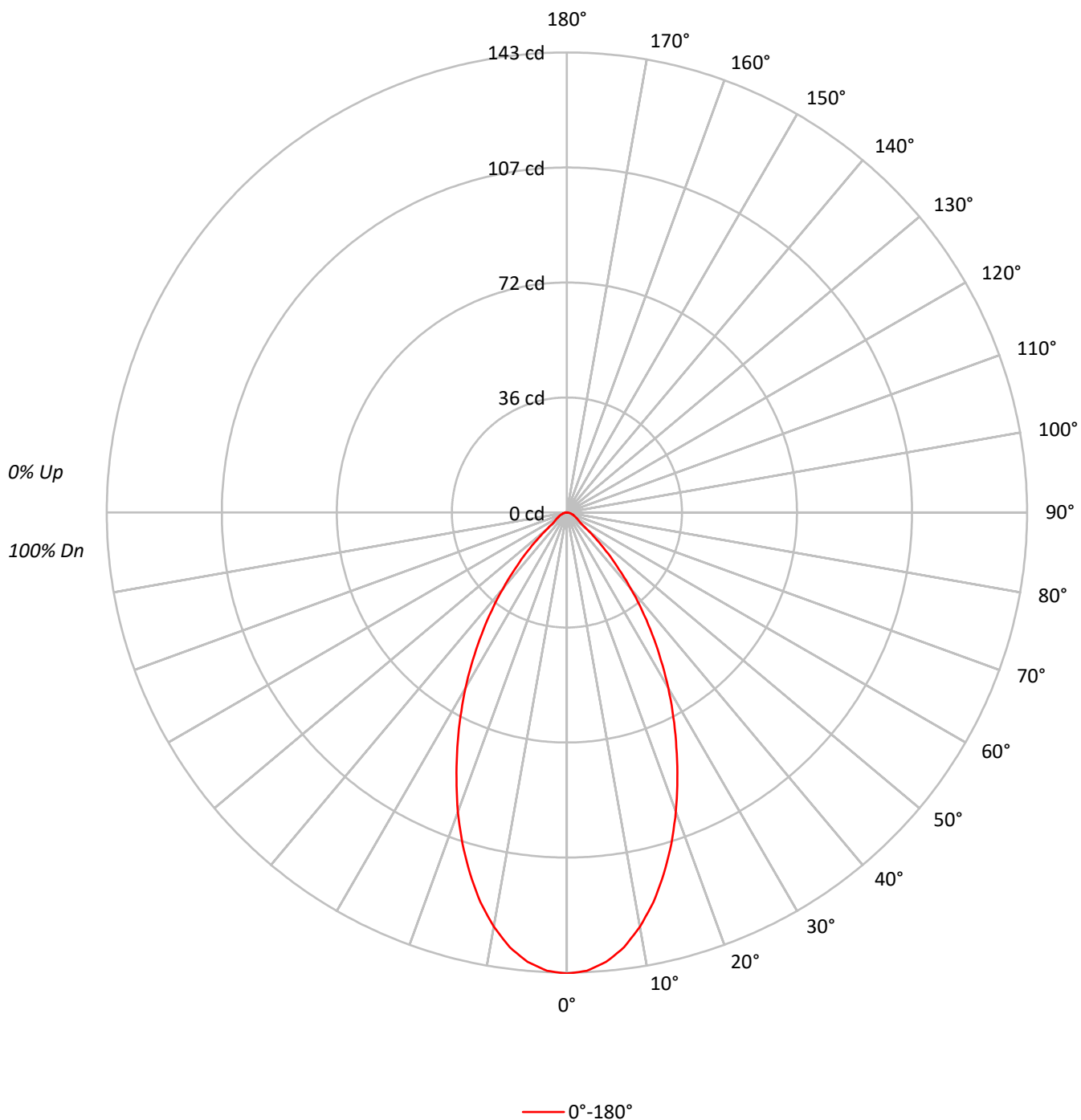
Lumens per Lamp: N/A
Luminaire Lumens: 134.0 lumens
Efficiency: N/A
Efficacy: 37.2 lumens/watt
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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					30					10					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10			0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102			100
1	113	110	107	104	110	107	105	103	103	101	100	100	98	97	96	95	94			92
2	106	101	97	93	104	99	95	92	96	93	90	93	90	88	90	88	86			84
3	100	93	88	83	98	92	87	83	89	85	81	87	83	80	84	81	79			77
4	95	86	80	76	93	85	80	75	83	78	74	81	77	73	79	76	73			71
5	89	80	74	69	88	79	73	69	78	72	68	76	71	68	74	70	67			65
6	85	75	68	64	83	74	68	64	73	67	63	71	66	63	70	65	62			61
7	80	70	64	59	79	69	63	59	68	62	58	67	62	58	66	61	58			56
8	76	66	59	55	75	65	59	55	64	58	54	63	58	54	62	57	54			52
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50			49
10	69	58	52	48	67	58	52	48	57	51	48	56	51	47	55	51	47			46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	31423
5°	30861
10°	29102
15°	26402
20°	23102
25°	19477
30°	15952
35°	12367
40°	8845
45°	5613
50°	2797
55°	1720
60°	1491
65°	1349
70°	1218
75°	1101
80°	884
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 5613 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.1	9.8
10°-20°	32.4	24.1
20°-30°	36.9	27.5
30°-40°	28.8	21.5
40°-50°	14.2	10.6
50°-60°	4.4	3.3
60°-70°	2.6	1.9
70°-80°	1.4	1.0
80°-90°	0.4	0.3
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°	82.3	61.4
0°-40°	111.1	82.9
0°-60°	129.6	96.7
0°-90°	134.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	134.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	143	
5°	140	13
15°	116	32
25°	80	37
35°	46	29
45°	18	14
55°	4	4
65°	3	3
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	143.3
2.5°	142.6
5°	140.2
7.5°	136.3
10°	130.7
12.5°	124.1
15°	116.3
17.5°	107.9
20°	99.0
22.5°	89.7
25°	80.5
27.5°	71.6
30°	63.0
32.5°	54.4
35°	46.2
37.5°	38.4
40°	30.9
42.5°	24.0
45°	18.1
47.5°	12.7
50°	8.2
52.5°	5.4
55°	4.5
57.5°	3.9
60°	3.4
62.5°	3.0
65°	2.6
67.5°	2.2
70°	1.9
72.5°	1.5
75°	1.3
77.5°	1.1
80°	0.7
82.5°	0.6
85°	0.4
87.5°	0.2
90°	0.0

(END OF REPORT)