

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: P1264095

Luminaire Tested: P3A02R709730DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264095
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-47)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R709730DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R70 optic, 3000K CCT AND, 97CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

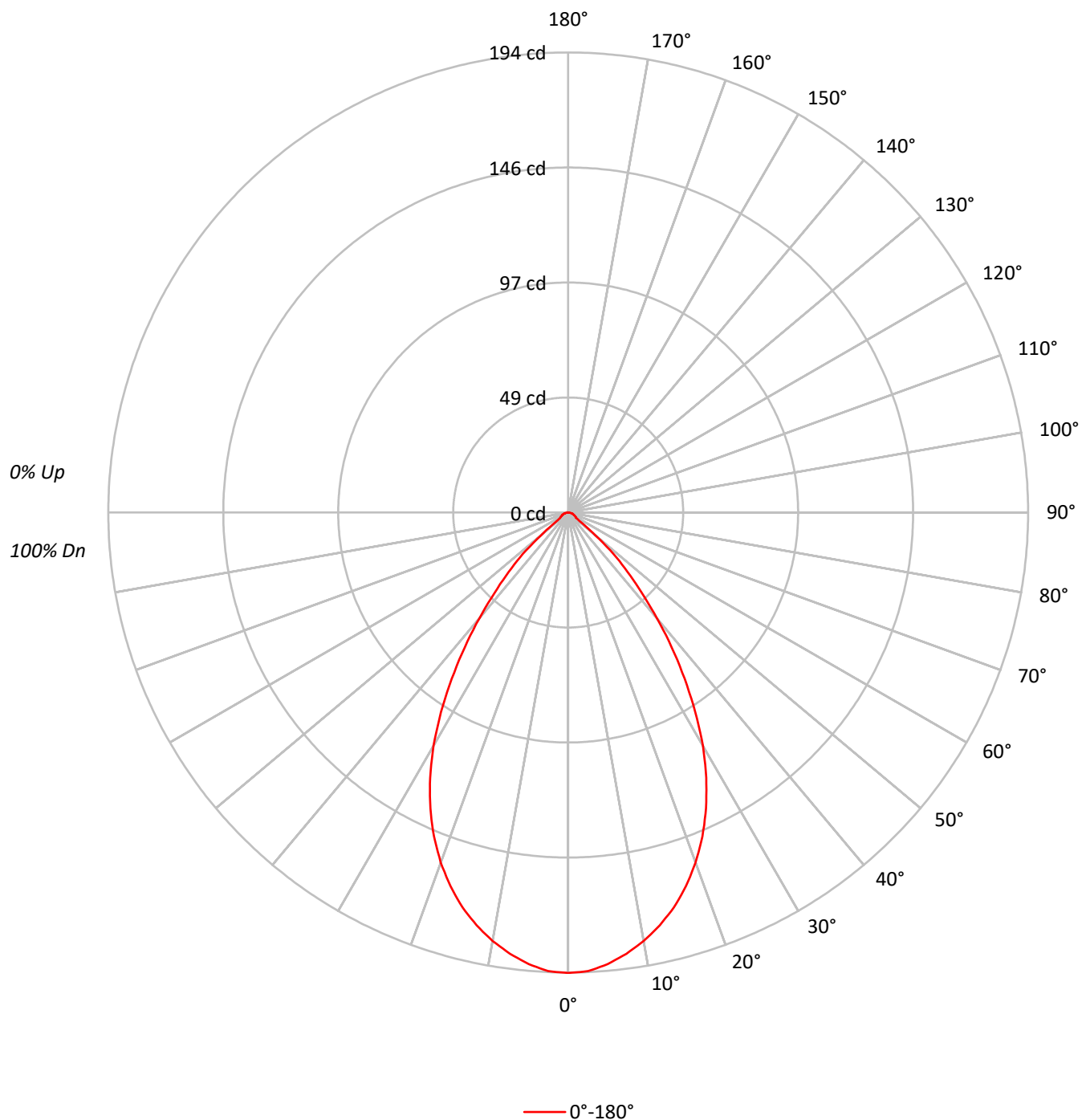
Lumens per Lamp: N/A
Luminaire Lumens: 220.0 lumens
Efficiency: N/A
Efficacy: 61.1 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	110	107	104	110	107	105	103	103	101	100		100	98	97		96
2	106	101	96	93	104	99	95	92	96	93	90		93	90	88		90
3	100	93	88	83	98	92	87	82	89	85	81		86	83	80		84
4	94	86	80	75	93	85	79	75	83	78	74		81	76	73		79
5	89	80	73	69	87	79	73	68	77	72	68		75	71	67		74
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	53	74	64	58	53	63	57	53		62	57	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	50	46	66	56	50	46	55	50	46		55	49	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	42584
5°	42087
10°	40859
15°	39138
20°	36660
25°	33292
30°	28764
35°	22914
40°	16688
45°	10978
50°	5151
55°	1606
60°	1535
65°	1453
70°	1410
75°	1440
80°	1389
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10978 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.0	8.2
10°-20°	48.2	21.9
20°-30°	62.7	28.5
30°-40°	53.2	24.2
40°-50°	27.4	12.5
50°-60°	5.3	2.4
60°-70°	2.9	1.3
70°-80°	1.8	0.8
80°-90°	0.5	0.2
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°	129.0	58.6
0°-40°	182.1	82.8
0°-60°	214.9	97.7
0°-90°	220.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	220.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	194	
5°	191	18
15°	172	48
25°	138	63
35°	86	53
45°	35	27
55°	4	5
65°	3	3
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	194.2
2.5°	193.6
5°	191.2
7.5°	187.7
10°	183.5
12.5°	178.3
15°	172.4
17.5°	165.2
20°	157.1
22.5°	147.9
25°	137.6
27.5°	126.1
30°	113.6
32.5°	99.8
35°	85.6
37.5°	71.7
40°	58.3
42.5°	45.9
45°	35.4
47.5°	26.0
50°	15.1
52.5°	6.6
55°	4.2
57.5°	3.9
60°	3.5
62.5°	3.3
65°	2.8
67.5°	2.6
70°	2.2
72.5°	2.0
75°	1.7
77.5°	1.3
80°	1.1
82.5°	0.7
85°	0.4
87.5°	0.2
90°	0.0

(END OF REPORT)