

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: P1265640

Luminaire Tested: P3A17R709730DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265640
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: P3A17R709730DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R70 optic, 3000K CCT AND, 97CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

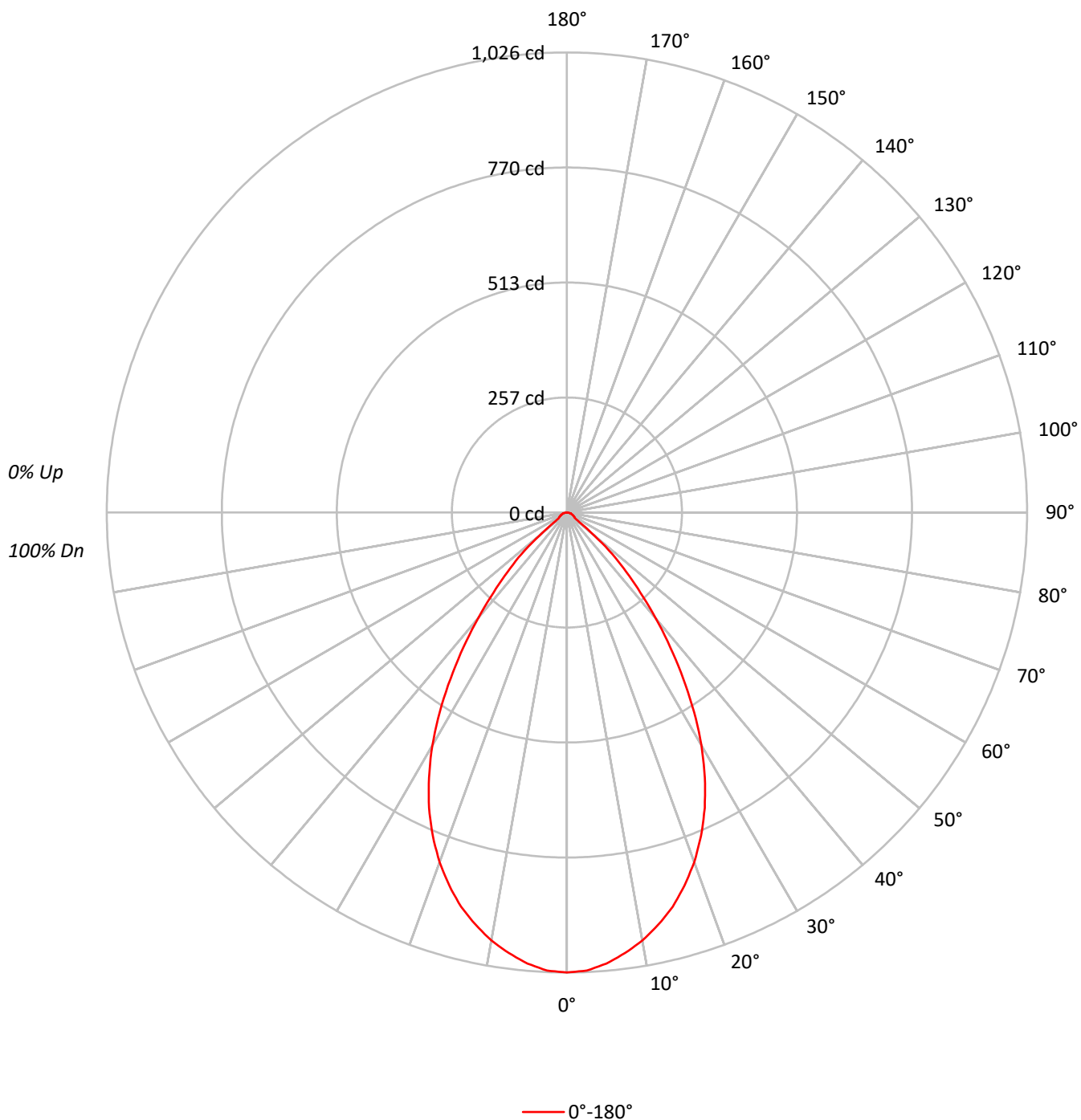
Lumens per Lamp: N/A
Luminaire Lumens: 1162.0 lumens
Efficiency: N/A
Efficacy: 54.8 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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	92	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°	224960
5°	222253
10°	215828
15°	206698
20°	193614
25°	175897
30°	151947
35°	121104
40°	88194
45°	57960
50°	27155
55°	8372
60°	8113
65°	7783
70°	7373
75°	7795
80°	7324
85°	5787

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 57960 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	95.1	8.2
10°-20°	254.8	21.9
20°-30°	331.2	28.5
30°-40°	281.0	24.2
40°-50°	144.9	12.5
50°-60°	27.9	2.4
60°-70°	15.1	1.3
70°-80°	9.3	0.8
80°-90°	2.7	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°	681.1	58.6
0°-40°	962.1	82.8
0°-60°	1134.9	97.7
0°-90°	1162.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1162.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1026	
5°	1010	95
15°	910	255
25°	727	331
35°	452	281
45°	187	145
55°	22	28
65°	15	15
75°	9	9
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1025.9
2.5°	1022.4
5°	1009.7
7.5°	991.2
10°	969.3
12.5°	941.6
15°	910.5
17.5°	872.4
20°	829.7
22.5°	781.2
25°	727.0
27.5°	665.8
30°	600.1
32.5°	527.4
35°	452.4
37.5°	378.5
40°	308.1
42.5°	242.3
45°	186.9
47.5°	137.3
50°	79.6
52.5°	34.6
55°	21.9
57.5°	20.8
60°	18.5
62.5°	17.3
65°	15.0
67.5°	13.8
70°	11.5
72.5°	10.4
75°	9.2
77.5°	6.9
80°	5.8
82.5°	3.5
85°	2.3
87.5°	1.2
90°	0.0

(END OF REPORT)