

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: P1260582

Luminaire Tested: P3AS17R709050DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260582
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: P3AS17R709050DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R70 optic, 5000K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

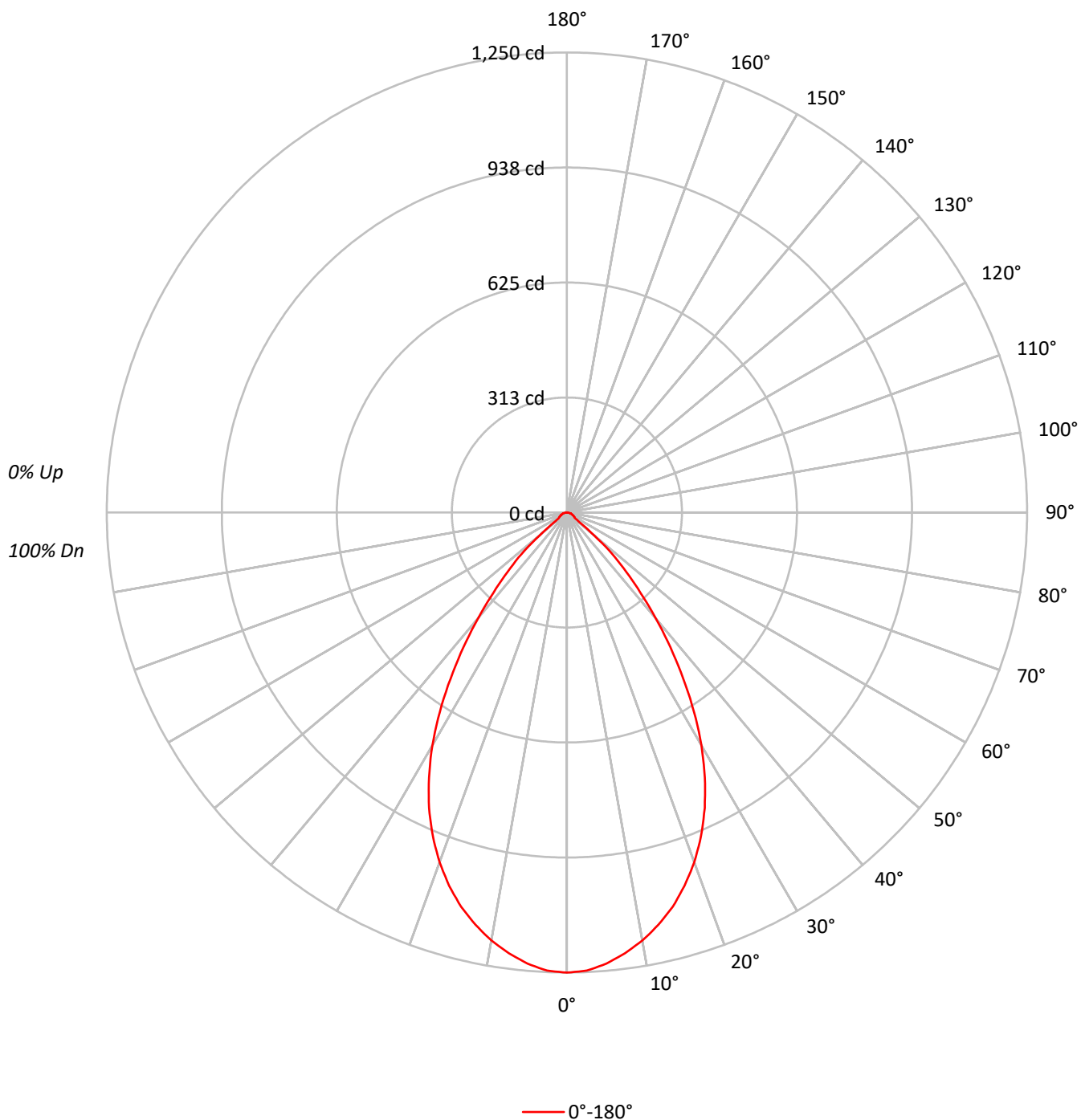
Lumens per Lamp: N/A
Luminaire Lumens: 1416.0 lumens
Efficiency: N/A
Efficacy: 66.8 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	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°	274123
5°	270834
10°	263010
15°	251874
20°	235944
25°	214343
30°	185142
35°	147552
40°	107487
45°	70643
50°	33091
55°	10208
60°	9868
65°	9495
70°	9040
75°	9489
80°	8840
85°	7045

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 70643 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	115.9	8.2
10°-20°	310.5	21.9
20°-30°	403.6	28.5
30°-40°	342.4	24.2
40°-50°	176.6	12.5
50°-60°	34.0	2.4
60°-70°	18.5	1.3
70°-80°	11.3	0.8
80°-90°	3.2	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°	830.0	58.6
0°-40°	1172.4	82.8
0°-60°	1383.0	97.7
0°-90°	1416.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1416.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1250	
5°	1230	116
15°	1110	311
25°	886	404
35°	551	342
45°	228	177
55°	27	34
65°	18	18
75°	11	11
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1250.1
2.5°	1245.9
5°	1230.4
7.5°	1207.9
10°	1181.2
12.5°	1147.5
15°	1109.5
17.5°	1063.1
20°	1011.1
22.5°	952.0
25°	885.9
27.5°	811.4
30°	731.2
32.5°	642.6
35°	551.2
37.5°	461.2
40°	375.5
42.5°	295.3
45°	227.8
47.5°	167.3
50°	97.0
52.5°	42.2
55°	26.7
57.5°	25.3
60°	22.5
62.5°	21.1
65°	18.3
67.5°	16.9
70°	14.1
72.5°	12.7
75°	11.2
77.5°	8.4
80°	7.0
82.5°	4.2
85°	2.8
87.5°	1.4
90°	0.0

(END OF REPORT)