

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: P1260437

Luminaire Tested: P3AS17R459050DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260437
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-27)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R459050DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R45 optic, 5000K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

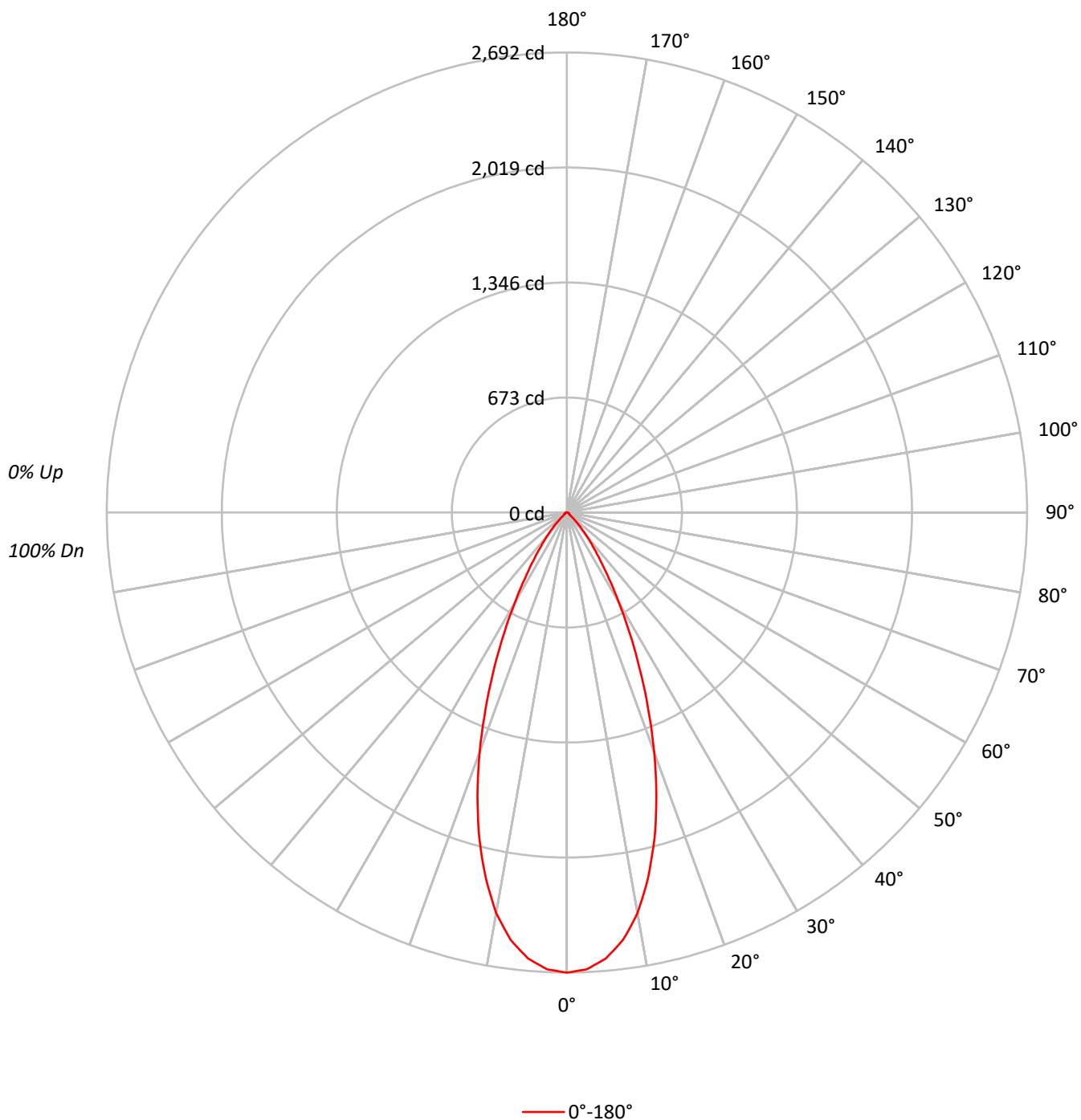
Lumens per Lamp: N/A
Luminaire Lumens: 1572.0 lumens
Efficiency: N/A
Efficacy: 74.1 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.69
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	114	111	109	107	111	109	107	105	105	103	102		101	100	99		98
2	109	104	100	97	106	102	99	96	99	96	94		96	94	92		93
3	104	98	93	89	102	96	92	88	94	90	87		91	88	86		89
4	99	92	87	83	97	91	86	82	89	85	81		87	83	80		85
5	94	87	81	77	93	86	81	77	84	80	76		82	79	76		81
6	90	82	77	73	89	81	76	72	80	75	72		78	74	71		77
7	86	78	72	68	85	77	72	68	76	71	68		75	71	67		74
8	83	74	68	65	82	73	68	65	72	68	64		71	67	64		70
9	79	70	65	61	78	70	65	61	69	64	61		68	64	61		67
10	76	67	62	58	75	67	62	58	66	61	58		65	61	58		65

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	590347
5°	576512
10°	529961
15°	449038
20°	348397
25°	243546
30°	153416
35°	90319
40°	51096
45°	24840
50°	8631
55°	6996
60°	6798
65°	6590
70°	6283
75°	5931
80°	5304
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 24840 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	242.4	15.4
10°-20°	543.2	34.6
20°-30°	461.2	29.3
30°-40°	220.0	14.0
40°-50°	66.3	4.2
50°-60°	16.8	1.1
60°-70°	12.5	0.8
70°-80°	7.4	0.5
80°-90°	2.1	0.1
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°	1246.9	79.3
0°-40°	1466.9	93.3
0°-60°	1550.0	98.6
0°-90°	1572.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1572.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2692	
5°	2619	242
15°	1978	543
25°	1007	461
35°	337	220
45°	80	66
55°	18	17
65°	13	13
75°	7	7
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	2692.2
2.5°	2675.3
5°	2619.1
7.5°	2522.1
10°	2380.1
12.5°	2191.7
15°	1978.0
17.5°	1740.4
20°	1493.0
22.5°	1241.3
25°	1006.6
27.5°	792.9
30°	605.9
32.5°	455.5
35°	337.4
37.5°	248.8
40°	178.5
42.5°	123.7
45°	80.1
47.5°	45.0
50°	25.3
52.5°	19.7
55°	18.3
57.5°	16.9
60°	15.5
62.5°	14.1
65°	12.7
67.5°	11.2
70°	9.8
72.5°	8.4
75°	7.0
77.5°	5.6
80°	4.2
82.5°	2.8
85°	1.4
87.5°	1.4
90°	0.0

(END OF REPORT)