

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: P1252484

Luminaire Tested: P3AS17R559030DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252484
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-35)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R559030DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R55 optic, 3000K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

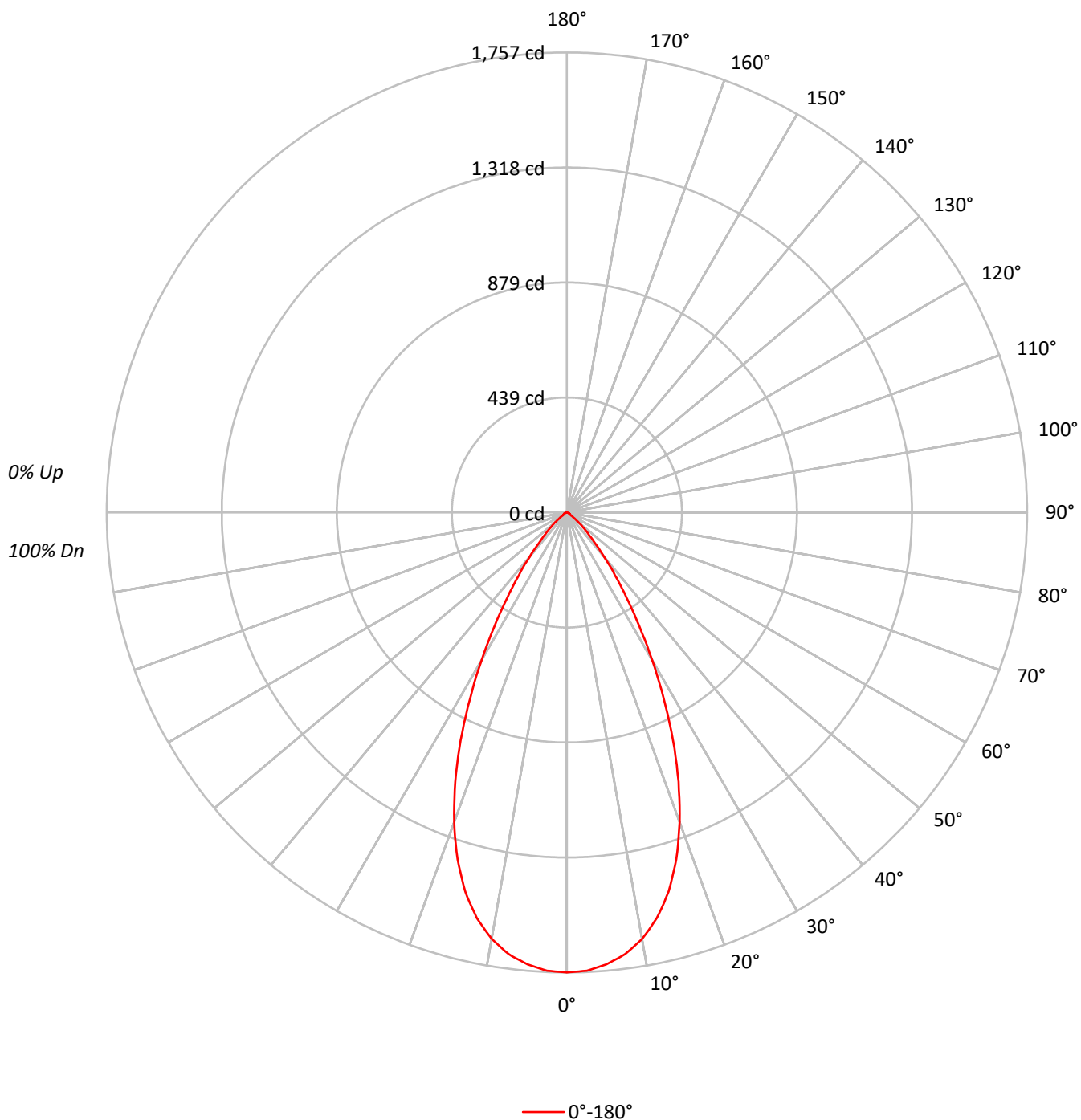
Lumens per Lamp: N/A
Luminaire Lumens: 1403.0 lumens
Efficiency: N/A
Efficacy: 66.2 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.81
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	111	108	106	111	108	106	104	104	103	101		101	99	98		97
2	108	103	99	95	106	101	97	94	98	95	92		95	92	90		92
3	102	96	91	87	100	94	90	86	92	88	85		89	86	83		87
4	97	90	84	80	95	89	83	79	86	82	78		84	81	78		82
5	92	84	78	74	91	83	78	74	81	77	73		80	76	72		78
6	88	79	73	69	86	78	73	68	77	72	68		75	71	68		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	64	60	78	70	64	60	69	63	60		67	63	60		67
9	76	66	61	57	75	66	60	56	65	60	56		64	59	56		63
10	73	63	57	53	72	62	57	53	62	57	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	385254
5°	381333
10°	368263
15°	340411
20°	293746
25°	232005
30°	164582
35°	106113
40°	63748
45°	35911
50°	19309
55°	6881
60°	6228
65°	6019
70°	5770
75°	5422
80°	4925
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 35911 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	162.9	11.6
10°-20°	414.6	29.6
20°-30°	434.5	31.0
30°-40°	253.5	18.1
40°-50°	94.9	6.8
50°-60°	22.3	1.6
60°-70°	11.5	0.8
70°-80°	6.8	0.5
80°-90°	1.9	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°	1012.1	72.1
0°-40°	1265.6	90.2
0°-60°	1382.8	98.6
0°-90°	1403.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1403.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1757	
5°	1732	163
15°	1500	415
25°	959	435
35°	396	254
45°	116	95
55°	18	22
65°	12	11
75°	6	7
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1756.9
2.5°	1751.7
5°	1732.4
7.5°	1701.6
10°	1653.9
12.5°	1587.0
15°	1499.5
17.5°	1388.8
20°	1258.8
22.5°	1113.3
25°	958.9
27.5°	800.6
30°	650.0
32.5°	513.6
35°	396.4
37.5°	301.2
40°	222.7
42.5°	159.6
45°	115.8
47.5°	83.7
50°	56.6
52.5°	32.2
55°	18.0
57.5°	15.4
60°	14.2
62.5°	12.9
65°	11.6
67.5°	10.3
70°	9.0
72.5°	7.7
75°	6.4
77.5°	5.1
80°	3.9
82.5°	2.6
85°	1.3
87.5°	1.3
90°	0.0

(END OF REPORT)