

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: P1257844

Luminaire Tested: P3AS17R459040DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257844
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-26)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R459040DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R45 optic, 4000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

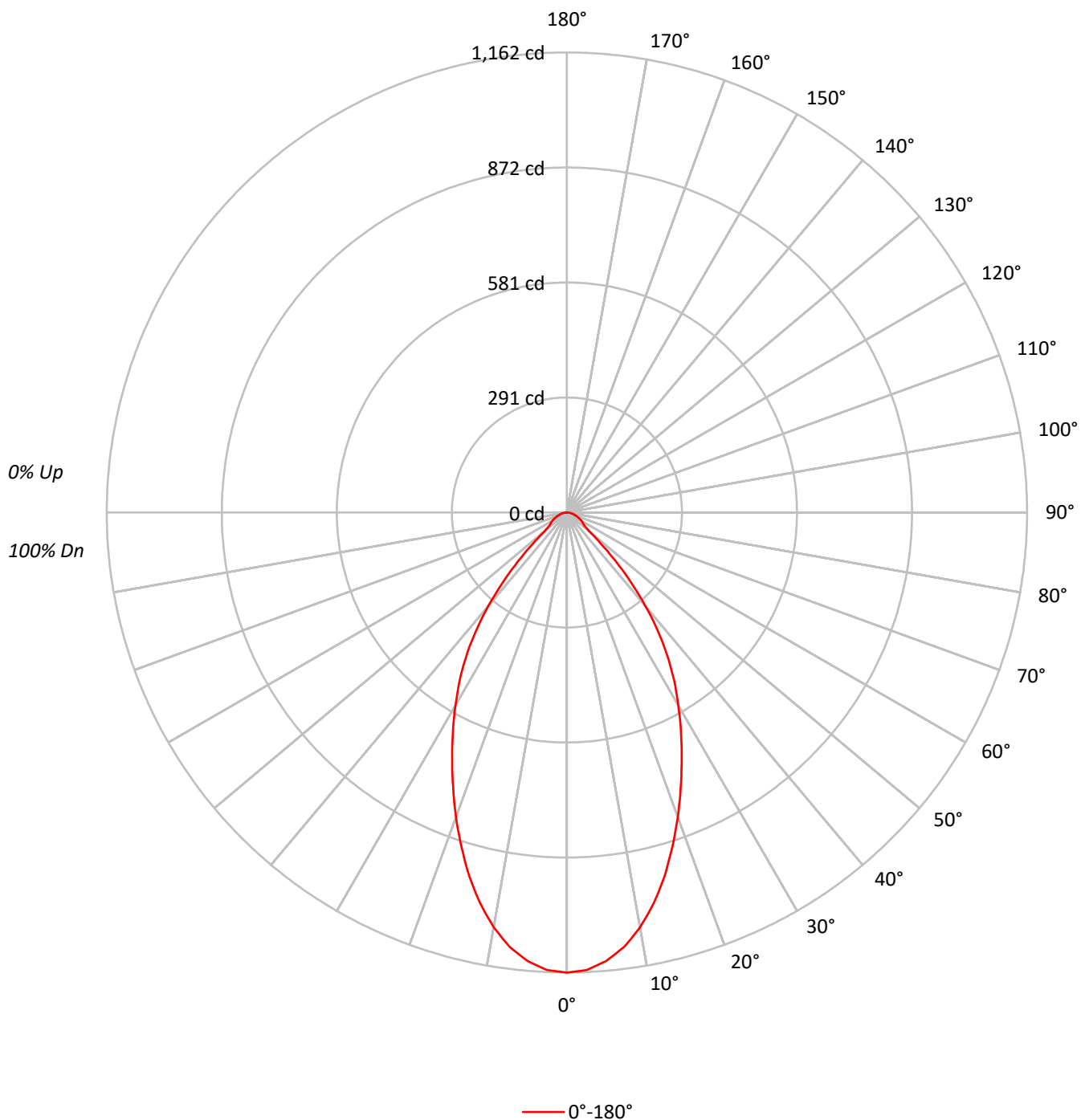
Lumens per Lamp: N/A
Luminaire Lumens: 1202.0 lumens
Efficiency: N/A
Efficacy: 56.7 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	112	109	106	104	110	107	104	102	103	101	99		99	97	96		96
2	106	100	95	91	103	98	94	90	95	91	88		92	89	86		89
3	99	92	86	82	97	90	85	81	88	83	80		85	81	78		83
4	94	85	78	74	92	84	78	73	81	76	72		79	75	71		77
5	88	79	72	67	86	78	71	67	76	70	66		74	69	65		72
6	83	73	66	61	81	72	66	61	71	65	61		69	64	60		68
7	78	68	61	57	77	67	61	56	66	60	56		65	60	56		64
8	74	64	57	52	73	63	57	52	62	56	52		61	56	52		60
9	70	60	53	49	69	59	53	49	58	52	48		57	52	48		56
10	67	56	50	45	66	56	49	45	55	49	45		54	49	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	254848
5°	250341
10°	236892
15°	216051
20°	191047
25°	165905
30°	142402
35°	118668
40°	88423
45°	54114
50°	25040
55°	19612
60°	18814
65°	17226
70°	15964
75°	15250
80°	14017
85°	10567

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 54114 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	106.2	8.8
10°-20°	265.0	22.0
20°-30°	314.8	26.2
30°-40°	273.5	22.8
40°-50°	137.2	11.4
50°-60°	47.6	4.0
60°-70°	33.4	2.8
70°-80°	18.6	1.6
80°-90°	5.7	0.5
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°	686.0	57.1
0°-40°	959.5	79.8
0°-60°	1144.3	95.2
0°-90°	1202.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1202.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1162	
5°	1137	106
15°	952	265
25°	686	315
35°	443	274
45°	174	137
55°	51	48
65°	33	33
75°	18	19
85°	4	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1162.2
2.5°	1156.7
5°	1137.3
7.5°	1106.8
10°	1063.9
12.5°	1011.2
15°	951.7
17.5°	885.2
20°	818.7
22.5°	750.8
25°	685.7
27.5°	623.4
30°	562.4
32.5°	504.2
35°	443.3
37.5°	378.2
40°	308.9
42.5°	241.0
45°	174.5
47.5°	115.0
50°	73.4
52.5°	56.8
55°	51.3
57.5°	47.1
60°	42.9
62.5°	38.8
65°	33.2
67.5°	29.1
70°	24.9
72.5°	20.8
75°	18.0
77.5°	13.9
80°	11.1
82.5°	8.3
85°	4.2
87.5°	2.8
90°	0.0

(END OF REPORT)