

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: P1247361

Luminaire Tested: P3A17R459024DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247361
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: P3A17R459024DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R45 optic, 2400K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

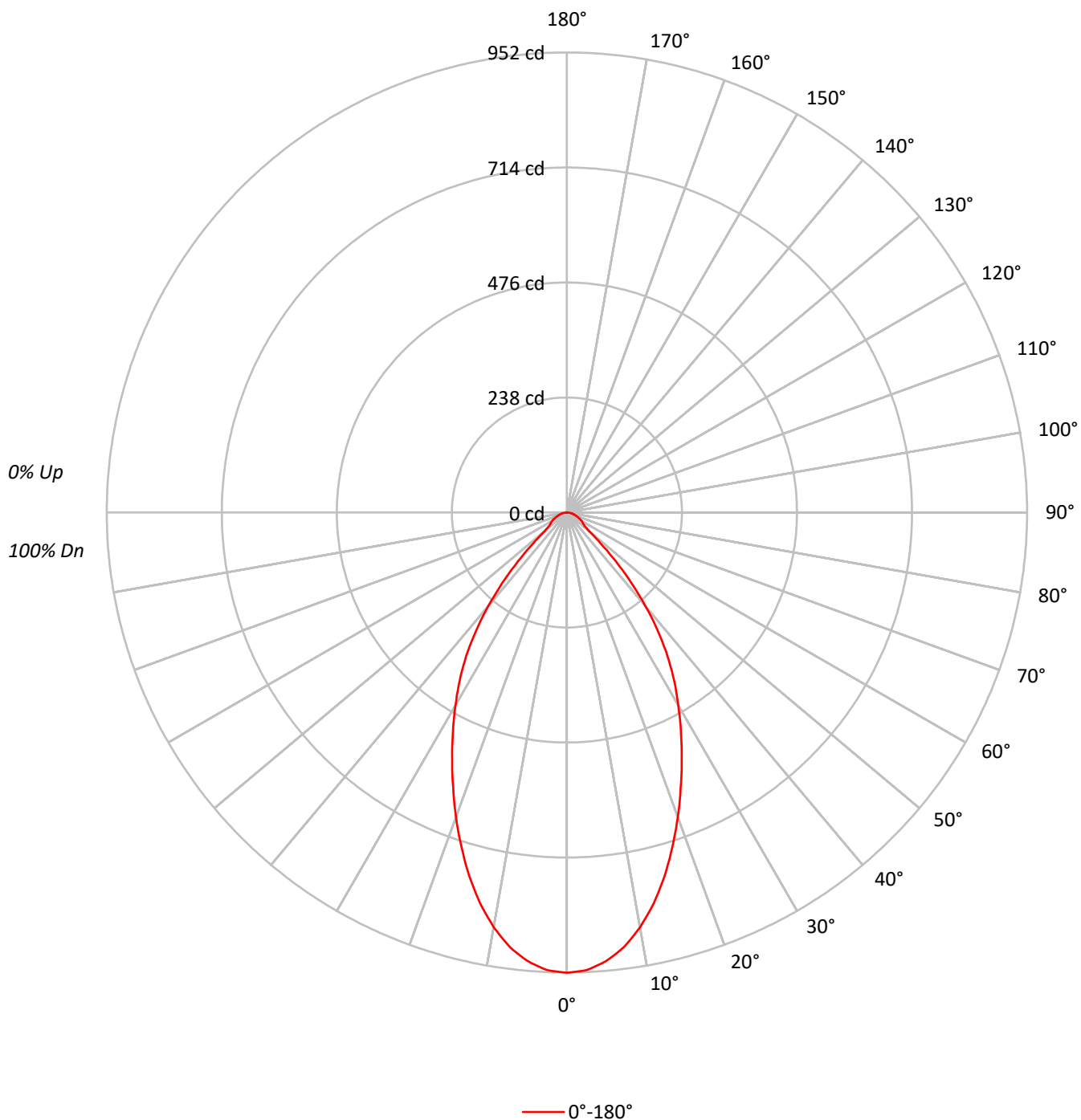
Lumens per Lamp: N/A
Luminaire Lumens: 985.0 lumens
Efficiency: N/A
Efficacy: 46.5 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	208843
5°	205150
10°	194118
15°	177050
20°	156557
25°	135951
30°	116702
35°	97253
40°	72450
45°	44346
50°	20537
55°	16057
60°	15437
65°	14113
70°	13079
75°	12539
80°	11491
85°	8554

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 44346 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	87.1	8.8
10°-20°	217.1	22.0
20°-30°	258.0	26.2
30°-40°	224.1	22.8
40°-50°	112.4	11.4
50°-60°	39.0	4.0
60°-70°	27.3	2.8
70°-80°	15.3	1.6
80°-90°	4.6	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°	562.2	57.1
0°-40°	786.3	79.8
0°-60°	937.7	95.2
0°-90°	985.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	985.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	952	
5°	932	87
15°	780	217
25°	562	258
35°	363	224
45°	143	112
55°	42	39
65°	27	27
75°	15	15
85°	3	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	952.4
2.5°	947.9
5°	932.0
7.5°	907.0
10°	871.8
12.5°	828.7
15°	779.9
17.5°	725.4
20°	670.9
22.5°	615.3
25°	561.9
27.5°	510.8
30°	460.9
32.5°	413.2
35°	363.3
37.5°	309.9
40°	253.1
42.5°	197.5
45°	143.0
47.5°	94.2
50°	60.2
52.5°	46.5
55°	42.0
57.5°	38.6
60°	35.2
62.5°	31.8
65°	27.2
67.5°	23.8
70°	20.4
72.5°	17.0
75°	14.8
77.5°	11.4
80°	9.1
82.5°	6.8
85°	3.4
87.5°	2.3
90°	0.0

(END OF REPORT)