

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: P1268256

Luminaire Tested: P3A20R459735D010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268256
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: P3A20R459735D010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R45 optic, 3500K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

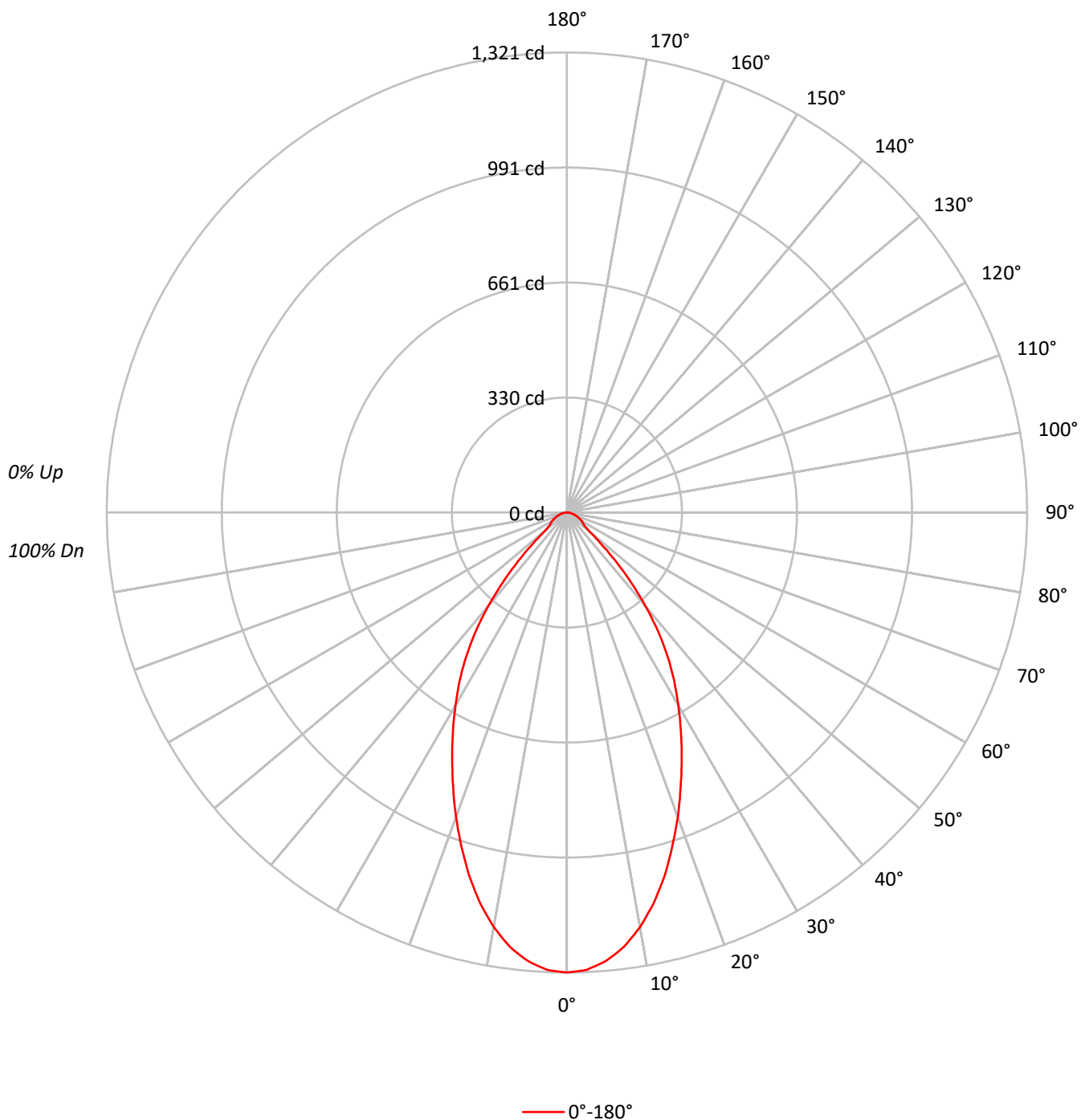
Lumens per Lamp: N/A
Luminaire Lumens: 1366.0 lumens
Efficiency: N/A
Efficacy: 47.4 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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°	289626
5°	284481
10°	269200
15°	245518
20°	217112
25°	188527
30°	161822
35°	134863
40°	100503
45°	61526
50°	28451
55°	22250
60°	21402
65°	19613
70°	18144
75°	17368
80°	15911
85°	11825

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 61526 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	120.7	8.8
10°-20°	301.1	22.0
20°-30°	357.7	26.2
30°-40°	310.9	22.8
40°-50°	155.9	11.4
50°-60°	54.1	4.0
60°-70°	38.0	2.8
70°-80°	21.2	1.5
80°-90°	6.4	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°	779.6	57.1
0°-40°	1090.4	79.8
0°-60°	1300.4	95.2
0°-90°	1366.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1366.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1321	
5°	1292	121
15°	1082	301
25°	779	358
35°	504	311
45°	198	156
55°	58	54
65°	38	38
75°	20	21
85°	5	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1320.8
2.5°	1314.5
5°	1292.4
7.5°	1257.8
10°	1209.0
12.5°	1149.2
15°	1081.5
17.5°	1005.9
20°	930.4
22.5°	853.2
25°	779.2
27.5°	708.4
30°	639.1
32.5°	573.0
35°	503.8
37.5°	429.8
40°	351.1
42.5°	273.9
45°	198.4
47.5°	130.7
50°	83.4
52.5°	64.5
55°	58.2
57.5°	53.5
60°	48.8
62.5°	44.1
65°	37.8
67.5°	33.1
70°	28.3
72.5°	23.6
75°	20.5
77.5°	15.7
80°	12.6
82.5°	9.4
85°	4.7
87.5°	3.1
90°	0.0

(END OF REPORT)