

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: P1274451

Luminaire Tested: P3AS17R459830DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274451
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: P3AS17R459830DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R45 optic, 3000K CCT AND, 98CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

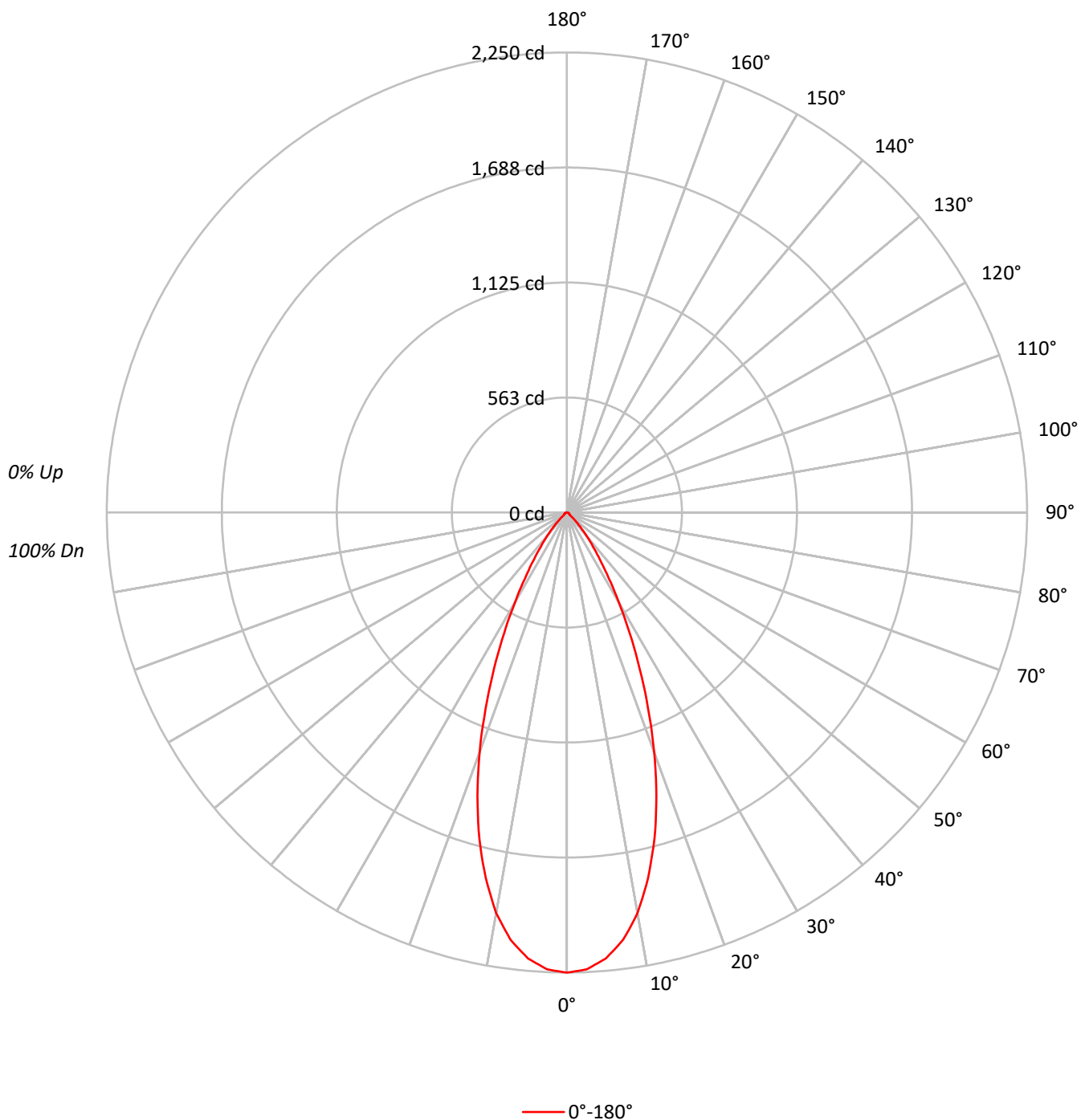
Lumens per Lamp: N/A
Luminaire Lumens: 1314.1 lumens
Efficiency: N/A
Efficacy: 64.4 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.69
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
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	76	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	64	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°	493447
5°	481883
10°	442989
15°	375348
20°	291225
25°	203576
30°	128248
35°	75489
40°	42709
45°	20777
50°	7232
55°	5849
60°	5657
65°	5500
70°	5257
75°	4999
80°	4420
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 20777 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	202.7	15.4
10°-20°	454.0	34.6
20°-30°	385.6	29.3
30°-40°	183.9	14.0
40°-50°	55.4	4.2
50°-60°	14.1	1.1
60°-70°	10.5	0.8
70°-80°	6.2	0.5
80°-90°	1.8	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°	1042.2	79.3
0°-40°	1226.1	93.3
0°-60°	1295.6	98.6
0°-90°	1314.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1314.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2250	
5°	2189	203
15°	1653	454
25°	841	386
35°	282	184
45°	67	55
55°	15	14
65°	11	10
75°	6	6
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	2250.3
2.5°	2236.2
5°	2189.2
7.5°	2108.1
10°	1989.5
12.5°	1832.0
15°	1653.4
17.5°	1454.8
20°	1248.0
22.5°	1037.6
25°	841.4
27.5°	662.8
30°	506.5
32.5°	380.7
35°	282.0
37.5°	208.0
40°	149.2
42.5°	103.4
45°	67.0
47.5°	37.6
50°	21.2
52.5°	16.5
55°	15.3
57.5°	14.1
60°	12.9
62.5°	11.8
65°	10.6
67.5°	9.4
70°	8.2
72.5°	7.1
75°	5.9
77.5°	4.7
80°	3.5
82.5°	2.4
85°	1.2
87.5°	1.2
90°	0.0

(END OF REPORT)