

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: P1247153

Luminaire Tested: P3A17R129024DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247153
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R129024DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R12 optic, 2400K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

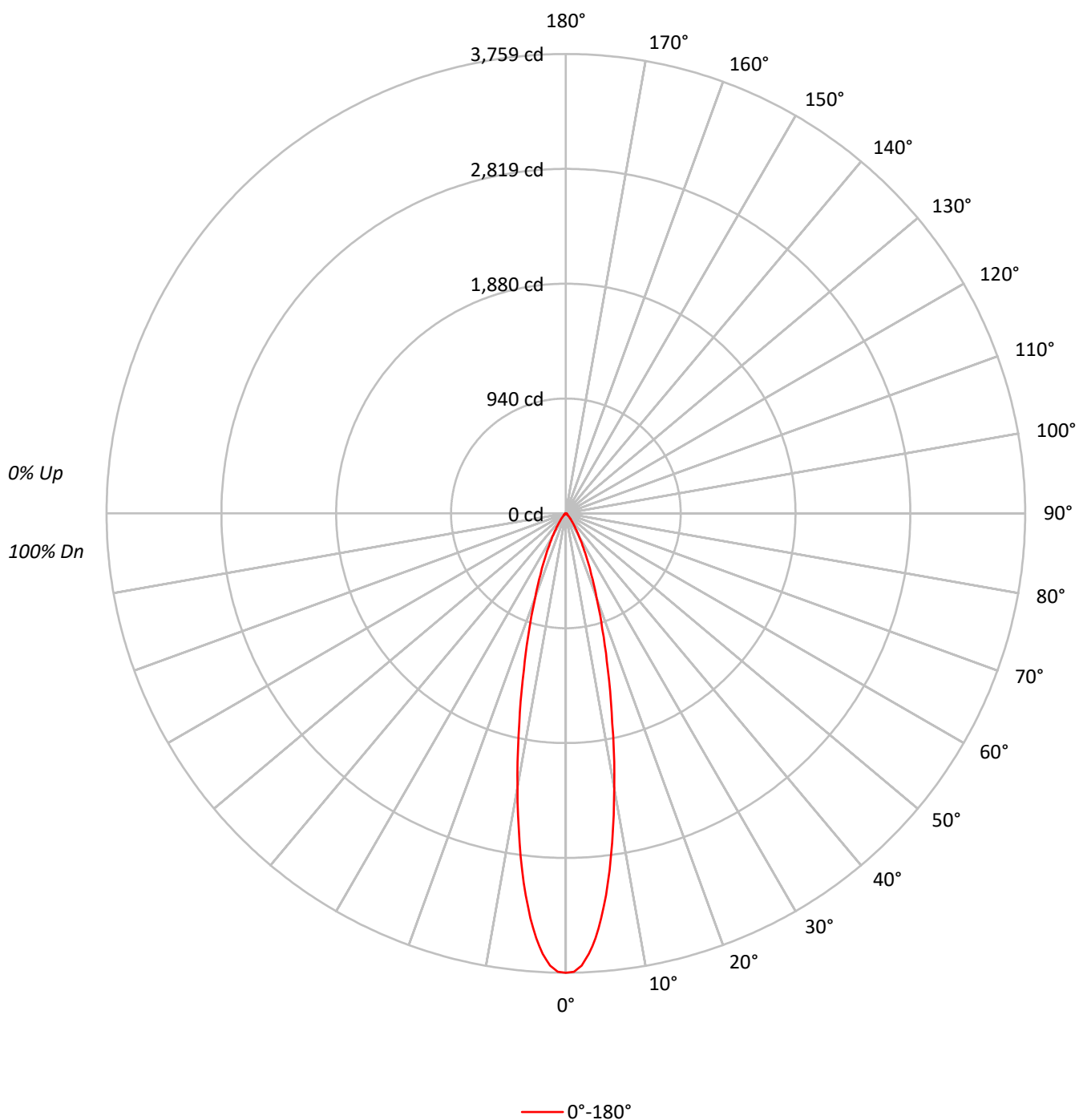
Lumens per Lamp: N/A
Luminaire Lumens: 965.0 lumens
Efficiency: N/A
Efficacy: 42.1 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 22.9
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	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	106	103	100	108	104	101	99	101	99	97		98	96	95		96
3	106	101	97	93	104	99	96	93	97	94	91		94	92	90		92
4	102	96	92	88	100	95	91	88	93	89	87		91	88	86		89
5	98	92	87	84	97	91	87	83	89	85	83		88	84	82		86
6	95	88	83	80	94	87	83	80	86	82	79		85	81	79		83
7	92	85	80	77	91	84	80	76	83	79	76		82	78	76		81
8	89	81	77	74	88	81	77	73	80	76	73		79	75	73		78
9	86	79	74	71	85	78	74	71	77	73	71		77	73	70		76
10	84	76	71	68	83	76	71	68	75	71	68		74	71	68		74

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	824364
5°	731739
10°	508162
15°	300524
20°	171165
25°	97844
30°	54135
35°	28857
40°	15973
45°	8652
50°	5390
55°	4282
60°	3684
65°	3373
70°	2949
75°	3135
80°	2399
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 8652 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	282.7	29.3
10°-20°	373.1	38.7
20°-30°	192.1	19.9
30°-40°	72.1	7.5
40°-50°	23.6	2.4
50°-60°	10.2	1.1
60°-70°	6.4	0.7
70°-80°	3.8	0.4
80°-90°	1.0	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°	847.9	87.9
0°-40°	920.0	95.3
0°-60°	953.8	98.8
0°-90°	965.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	965.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3759	
5°	3324	283
15°	1324	373
25°	404	192
35°	108	72
45°	28	24
55°	11	10
65°	6	6
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	3759.4
1°	3752.0
2°	3702.7
3°	3608.8
4°	3485.2
5°	3324.3
6°	3142.1
7°	2942.3
8°	2720.1
9°	2500.7
10°	2282.2
12.5°	1756.1
15°	1323.8
17.5°	991.0
20°	733.5
22.5°	547.5
25°	404.4
27.5°	294.7
30°	213.8
32.5°	151.5
35°	107.8
37.5°	77.2
40°	55.8
42.5°	40.0
45°	27.9
47.5°	20.5
50°	15.8
52.5°	13.0
55°	11.2
57.5°	9.3
60°	8.4
62.5°	7.4
65°	6.5
67.5°	5.6
70°	4.6
72.5°	4.6
75°	3.7
77.5°	2.8
80°	1.9
82.5°	1.9
85°	0.9
87.5°	0.0
90°	0.0

(END OF REPORT)