

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: P1264954

Luminaire Tested: P3A13R129730DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264954
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R129730DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R12 optic, 3000K CCT AND, 97CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

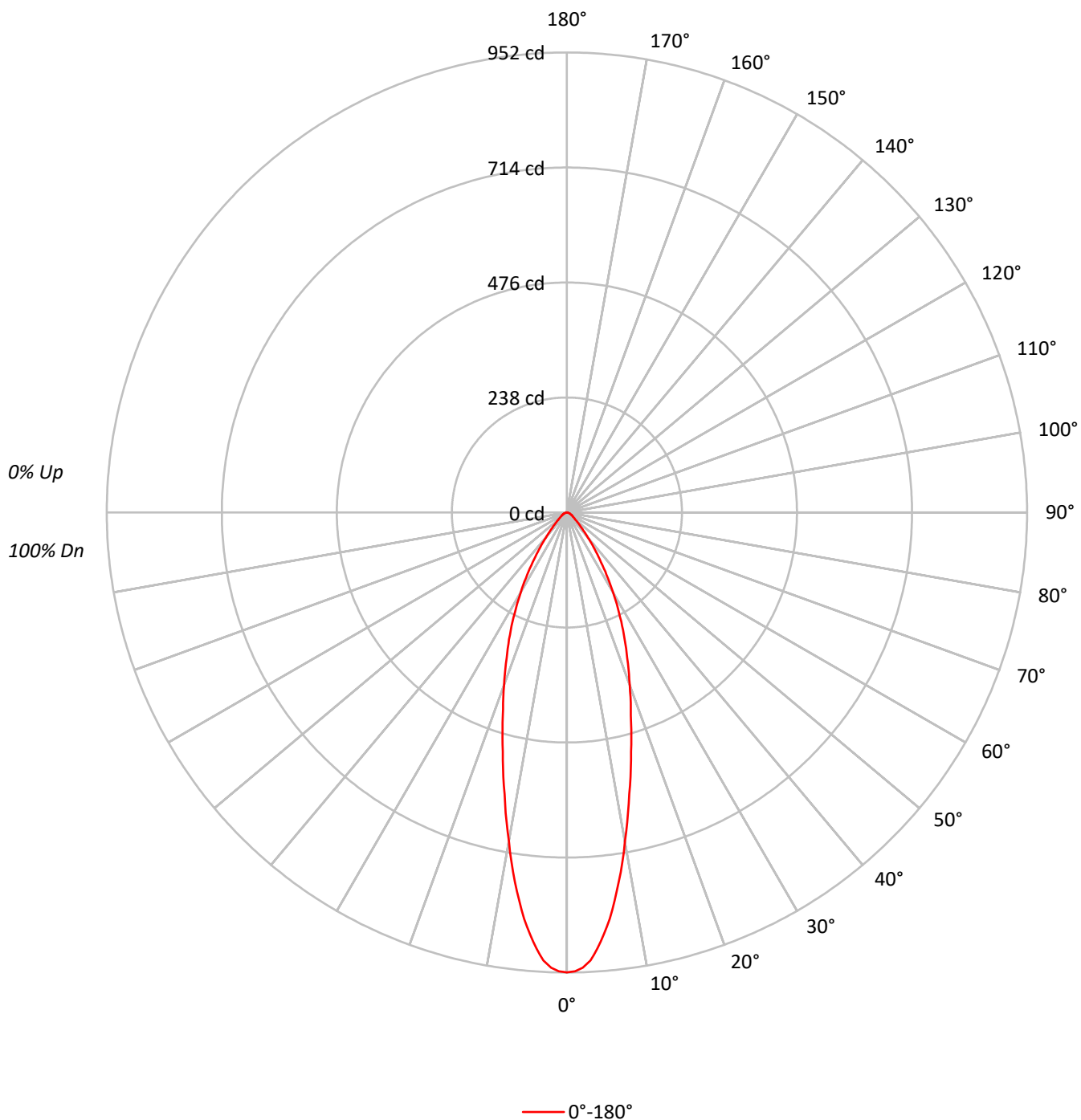
Lumens per Lamp: N/A
Luminaire Lumens: 484.0 lumens
Efficiency: N/A
Efficacy: 31.2 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 15.5
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	113	110	108	106	111	108	106	104	104	102	101		100	99	98		97
2	108	103	98	95	105	101	97	94	98	95	92		95	92	90		92
3	102	96	91	87	100	94	90	86	92	88	85		89	86	83		87
4	97	90	84	80	95	88	83	79	86	82	78		84	81	78		82
5	93	84	78	74	91	83	78	74	81	77	73		80	76	72		78
6	88	79	73	69	87	79	73	69	77	72	69		76	71	68		74
7	84	75	69	65	83	74	69	65	73	68	64		72	67	64		71
8	80	71	65	61	79	71	65	61	69	64	61		68	64	61		67
9	77	68	62	58	76	67	62	58	66	61	58		65	61	57		64
10	74	64	59	55	73	64	59	55	63	58	55		62	58	55		62

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	208711
5°	192890
10°	153994
15°	116323
20°	88581
25°	67504
30°	48362
35°	31561
40°	19351
45°	11691
50°	7778
55°	6002
60°	5175
65°	4462
70°	4039
75°	3982
80°	3031
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11691 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	77.6	16.0
10°-20°	143.2	29.6
20°-30°	127.5	26.3
30°-40°	75.5	15.6
40°-50°	31.0	6.4
50°-60°	14.6	3.0
60°-70°	8.8	1.8
70°-80°	4.7	1.0
80°-90°	1.2	0.2
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°	348.4	72.0
0°-40°	423.8	87.6
0°-60°	469.3	97.0
0°-90°	484.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	484.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	952	
5°	876	78
15°	512	143
25°	279	128
35°	118	75
45°	38	31
55°	16	15
65°	9	9
75°	5	5
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	951.8
1°	949.4
2°	942.4
3°	928.2
4°	904.6
5°	876.3
6°	845.7
7°	809.5
8°	771.8
9°	733.3
10°	691.6
12.5°	596.5
15°	512.4
17.5°	440.1
20°	379.6
22.5°	326.2
25°	279.0
27.5°	233.4
30°	191.0
32.5°	152.5
35°	117.9
37.5°	90.4
40°	67.6
42.5°	50.3
45°	37.7
47.5°	29.1
50°	22.8
52.5°	18.9
55°	15.7
57.5°	13.4
60°	11.8
62.5°	10.2
65°	8.6
67.5°	7.9
70°	6.3
72.5°	5.5
75°	4.7
77.5°	3.1
80°	2.4
82.5°	1.6
85°	0.8
87.5°	0.8
90°	0.0

(END OF REPORT)