

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: P1265621

Luminaire Tested: P3A17R659730DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265621
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-41)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R659730DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R65 optic, 3000K CCT AND, 97CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

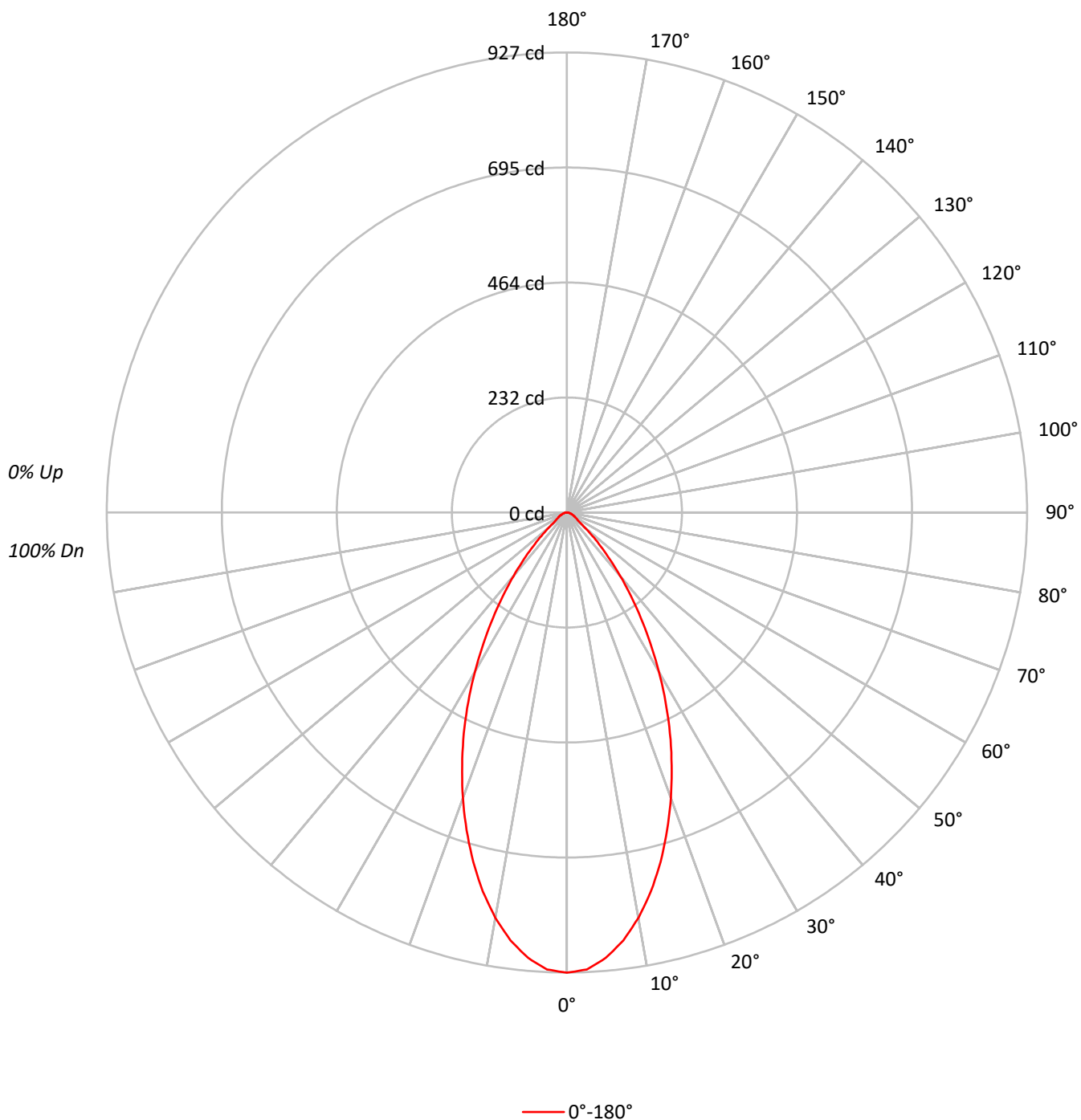
Lumens per Lamp: N/A
Luminaire Lumens: 800.0 lumens
Efficiency: N/A
Efficacy: 37.7 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		0
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		100
1	113	110	107	105	110	108	105	103	104	102	100		100	98	97		92
2	107	101	97	93	104	100	96	92	96	93	90		93	91	88		85
3	101	94	88	84	99	92	87	83	90	85	82		87	84	81		78
4	95	87	81	76	93	86	80	76	84	79	75		82	78	74		72
5	90	81	75	70	88	80	74	70	78	73	69		77	72	69		66
6	85	76	69	65	84	75	69	65	73	68	64		72	67	64		62
7	81	71	65	60	79	70	64	60	69	64	60		68	63	59		57
8	77	67	60	56	75	66	60	56	65	59	56		64	59	55		54
9	73	63	57	52	72	62	56	52	61	56	52		60	55	52		50
10	69	59	53	49	68	59	53	49	58	53	49		57	52	49		47

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	203339
5°	198283
10°	184655
15°	165472
20°	142929
25°	118870
30°	93736
35°	69466
40°	47861
45°	29677
50°	16136
55°	10131
60°	8596
65°	7783
70°	6668
75°	5846
80°	5809
85°	5787

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 29677 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	83.7	10.5
10°-20°	202.6	25.3
20°-30°	224.0	28.0
30°-40°	162.7	20.3
40°-50°	76.2	9.5
50°-60°	25.7	3.2
60°-70°	14.8	1.9
70°-80°	7.8	1.0
80°-90°	2.5	0.3
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°	510.3	63.8
0°-40°	673.0	84.1
0°-60°	774.9	96.9
0°-90°	800.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	800.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	927	
5°	901	84
15°	729	203
25°	491	224
35°	260	163
45°	96	76
55°	26	26
65°	15	15
75°	7	8
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	927.3
2.5°	921.6
5°	900.8
7.5°	869.7
10°	829.3
12.5°	782.0
15°	728.9
17.5°	671.3
20°	612.5
22.5°	551.3
25°	491.3
27.5°	430.2
30°	370.2
32.5°	312.6
35°	259.5
37.5°	211.1
40°	167.2
42.5°	128.0
45°	95.7
47.5°	69.2
50°	47.3
52.5°	32.3
55°	26.5
57.5°	23.1
60°	19.6
62.5°	17.3
65°	15.0
67.5°	12.7
70°	10.4
72.5°	9.2
75°	6.9
77.5°	5.8
80°	4.6
82.5°	3.5
85°	2.3
87.5°	1.2
90°	0.0

(END OF REPORT)