

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: P1247161

Luminaire Tested: P3A17R129024DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247161
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: P3A17R129024DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R12 optic, 2400K CCT AND, 90CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

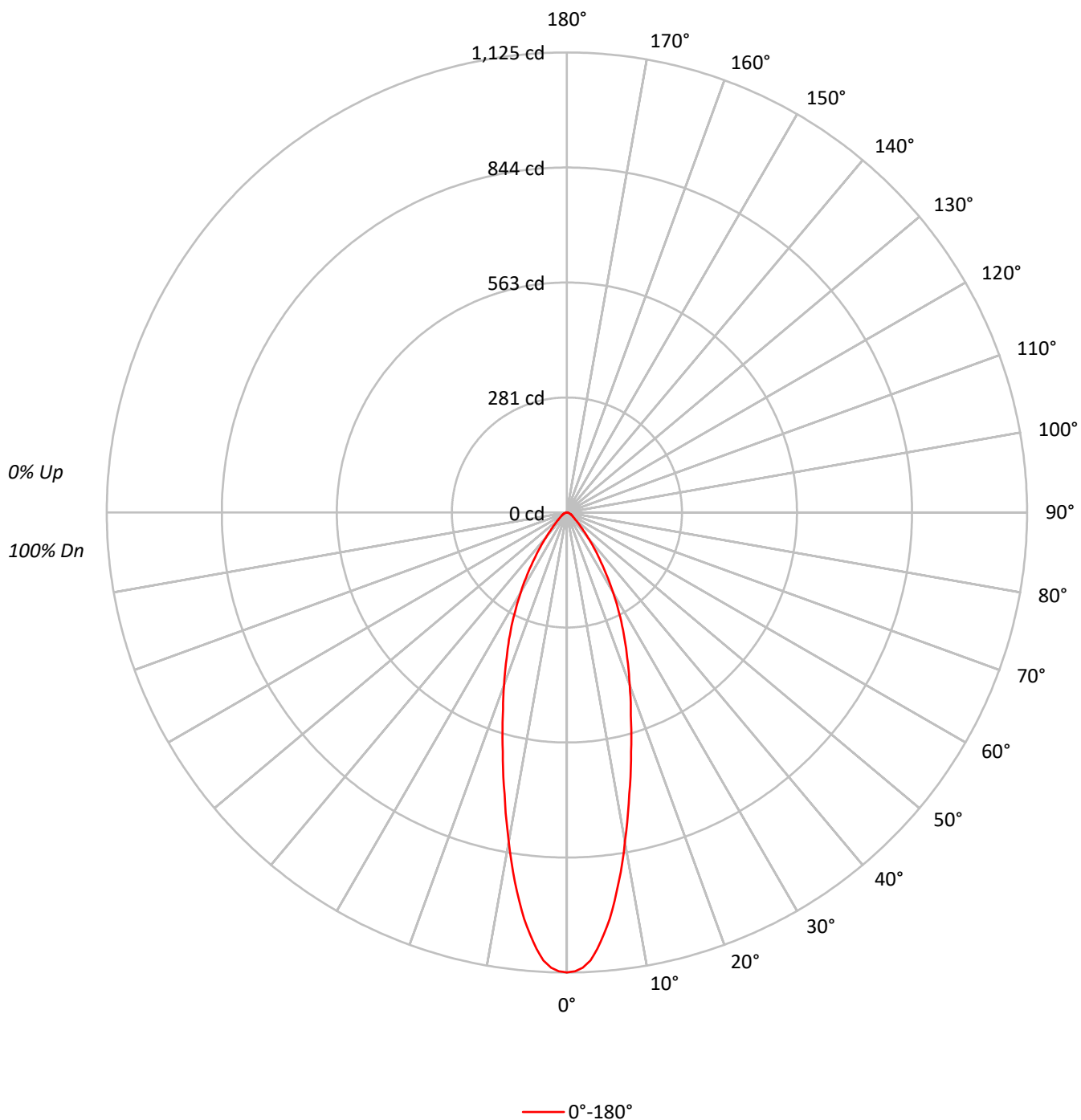
Lumens per Lamp: N/A
Luminaire Lumens: 572.0 lumens
Efficiency: N/A
Efficacy: 25.0 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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

TEST NUMBER: P1247161

CATALOG NUMBER: P3A17R129024DE010 E3DLP1MW

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°	246669
5°	227977
10°	182005
15°	137481
20°	104682
25°	79771
30°	57148
35°	37290
40°	22871
45°	13831
50°	9177
55°	7111
60°	6096
65°	5292
70°	4744
75°	4745
80°	3536
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 13831 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	91.7	16.0
10°-20°	169.3	29.6
20°-30°	150.7	26.3
30°-40°	89.2	15.6
40°-50°	36.6	6.4
50°-60°	17.2	3.0
60°-70°	10.4	1.8
70°-80°	5.5	1.0
80°-90°	1.4	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°	411.7	72.0
0°-40°	500.9	87.6
0°-60°	554.6	97.0
0°-90°	572.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	572.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1125	
5°	1036	92
15°	606	169
25°	330	151
35°	139	89
45°	45	37
55°	19	17
65°	10	10
75°	6	6
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1124.9
1°	1122.1
2°	1113.7
3°	1097.0
4°	1069.1
5°	1035.7
6°	999.5
7°	956.7
8°	912.1
9°	866.6
10°	817.4
12.5°	705.0
15°	605.6
17.5°	520.2
20°	448.6
22.5°	385.5
25°	329.7
27.5°	275.9
30°	225.7
32.5°	180.2
35°	139.3
37.5°	106.8
40°	79.9
42.5°	59.4
45°	44.6
47.5°	34.4
50°	26.9
52.5°	22.3
55°	18.6
57.5°	15.8
60°	13.9
62.5°	12.1
65°	10.2
67.5°	9.3
70°	7.4
72.5°	6.5
75°	5.6
77.5°	3.7
80°	2.8
82.5°	1.9
85°	0.9
87.5°	0.9
90°	0.0

(END OF REPORT)