

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: P1251846

Luminaire Tested: P3AS13R129030DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251846
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: P3AS13R129030DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R12 optic, 3000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

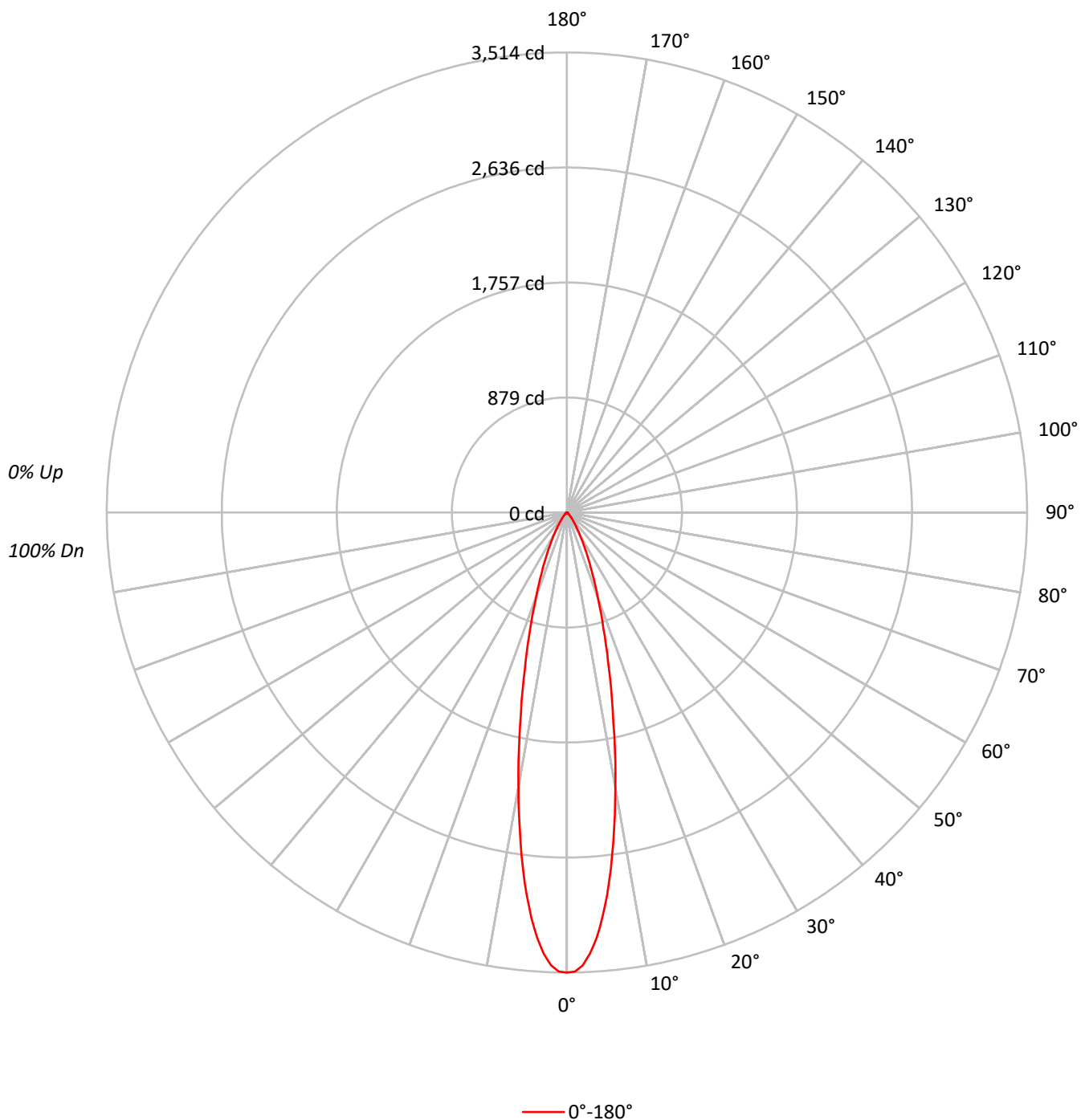
Lumens per Lamp: N/A
Luminaire Lumens: 902.0 lumens
Efficiency: N/A
Efficacy: 58.2 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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

TEST NUMBER: P1251846

CATALOG NUMBER: P3AS13R129030DE010 E3DL1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1251846

CATALOG NUMBER: P3AS13R129030DE010 E3DL1MW

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°	770552
5°	683974
10°	474986
15°	280910
20°	159987
25°	91457
30°	50615
35°	26983
40°	14914
45°	8094
50°	5049
55°	3976
60°	3421
65°	3165
70°	2757
75°	2965
80°	2147
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 8094 cd/sqm

TEST NUMBER: P1251846

CATALOG NUMBER: P3AS13R129030DE010 E3DL1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	264.2	29.3
10°-20°	348.7	38.7
20°-30°	179.6	19.9
30°-40°	67.4	7.5
40°-50°	22.1	2.4
50°-60°	9.5	1.1
60°-70°	6.0	0.7
70°-80°	3.5	0.4
80°-90°	0.9	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°	792.5	87.9
0°-40°	859.9	95.3
0°-60°	891.5	98.8
0°-90°	902.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	902.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3514	
5°	3107	264
15°	1237	349
25°	378	180
35°	101	67
45°	26	22
55°	10	9
65°	6	6
75°	4	4
85°	1	1
90°	0	

TEST NUMBER: P1251846

CATALOG NUMBER: P3AS13R129030DE010 E3DL1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	3514.0
1°	3507.0
2°	3461.0
3°	3373.2
4°	3257.6
5°	3107.3
6°	2937.0
7°	2750.2
8°	2542.5
9°	2337.4
10°	2133.2
12.5°	1641.4
15°	1237.4
17.5°	926.3
20°	685.6
22.5°	511.8
25°	378.0
27.5°	275.5
30°	199.9
32.5°	141.6
35°	100.8
37.5°	72.1
40°	52.1
42.5°	37.4
45°	26.1
47.5°	19.1
50°	14.8
52.5°	12.2
55°	10.4
57.5°	8.7
60°	7.8
62.5°	7.0
65°	6.1
67.5°	5.2
70°	4.3
72.5°	4.3
75°	3.5
77.5°	2.6
80°	1.7
82.5°	1.7
85°	0.9
87.5°	0.0
90°	0.0

(END OF REPORT)