

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: P1251850

Luminaire Tested: P3AS13R129030DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251850
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R129030DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R12 optic, 3000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

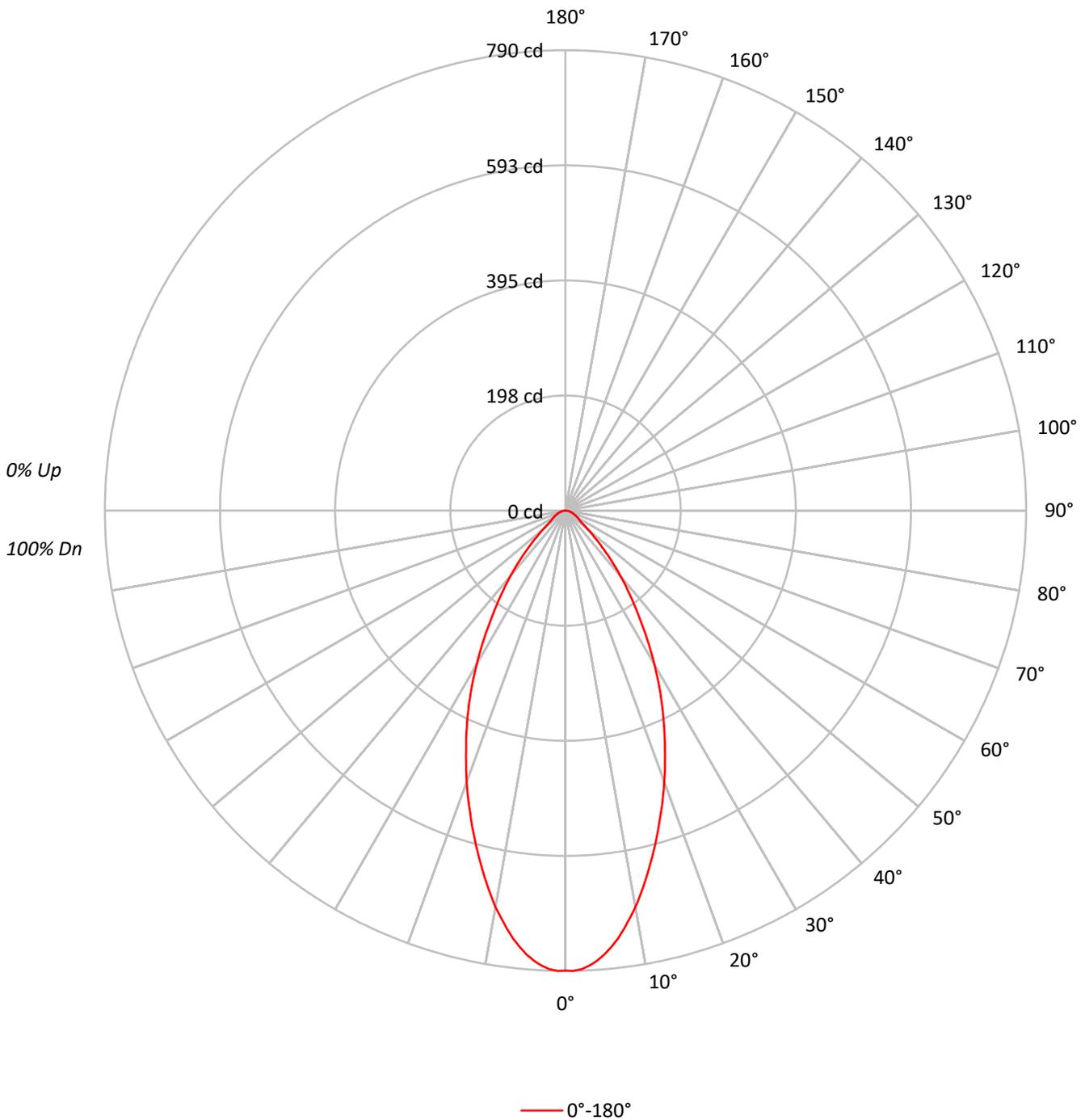
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 686.0 lumens
Efficiency: N/A
Efficacy: 44.3 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
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			0	
RW	70	50	30	10	70	50	30	10	50	30	10	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	102	102	102	100	100	100	100
1	113	109	106	104	110	107	105	102	103	101	99	99	98	96	96	95	93	91	91	91	91
2	106	100	96	92	104	99	95	91	95	92	89	92	90	87	90	87	85	83	83	83	83
3	100	93	87	83	98	91	86	82	89	84	81	86	82	79	84	81	78	76	76	76	76
4	94	86	80	75	92	85	79	74	82	77	73	80	76	73	78	75	72	70	70	70	70
5	89	80	73	68	87	79	73	68	77	72	67	75	70	67	74	69	66	65	65	65	65
6	84	74	68	63	83	73	67	63	72	66	62	70	66	62	69	65	61	60	60	60	60
7	80	69	63	58	78	69	63	58	67	62	58	66	61	57	65	61	57	56	56	56	56
8	76	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52	52	52	52
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49	49	49	49
10	68	58	52	48	67	57	51	47	57	51	47	56	51	47	55	50	47	46	46	46	46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	173034
5°	168346
10°	153838
15°	134757
20°	115603
25°	96514
30°	77227
35°	57929
40°	42050
45°	27476
50°	17193
55°	11622
60°	10306
65°	9495
70°	8912
75°	8133
80°	7703
85°	6542

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 27476 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	70.6	10.3
10°-20°	165.4	24.1
20°-30°	182.2	26.6
30°-40°	136.5	19.9
40°-50°	70.7	10.3
50°-60°	29.3	4.3
60°-70°	18.2	2.6
70°-80°	10.2	1.5
80°-90°	3.0	0.4
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°	418.2	61.0
0°-40°	554.6	80.8
0°-60°	654.7	95.4
0°-90°	686.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	686.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	789	
5°	765	71
15°	594	165
25°	399	182
35°	216	136
45°	89	71
55°	30	29
65°	18	18
75°	10	10
85°	3	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	789.1
1°	790.0
2°	787.4
3°	782.1
4°	774.3
5°	764.8
6°	752.6
7°	739.6
8°	723.9
9°	707.4
10°	690.9
12.5°	643.1
15°	593.6
17.5°	544.0
20°	495.4
22.5°	445.8
25°	398.9
27.5°	352.0
30°	305.0
32.5°	259.0
35°	216.4
37.5°	179.9
40°	146.9
42.5°	116.5
45°	88.6
47.5°	66.9
50°	50.4
52.5°	37.4
55°	30.4
57.5°	26.9
60°	23.5
62.5°	20.9
65°	18.3
67.5°	15.6
70°	13.9
72.5°	11.3
75°	9.6
77.5°	7.8
80°	6.1
82.5°	4.3
85°	2.6
87.5°	0.9
90°	0.0

(END OF REPORT)