

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: P1276103

Luminaire Tested: P3AS13R309835DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276103
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R309835DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 98CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

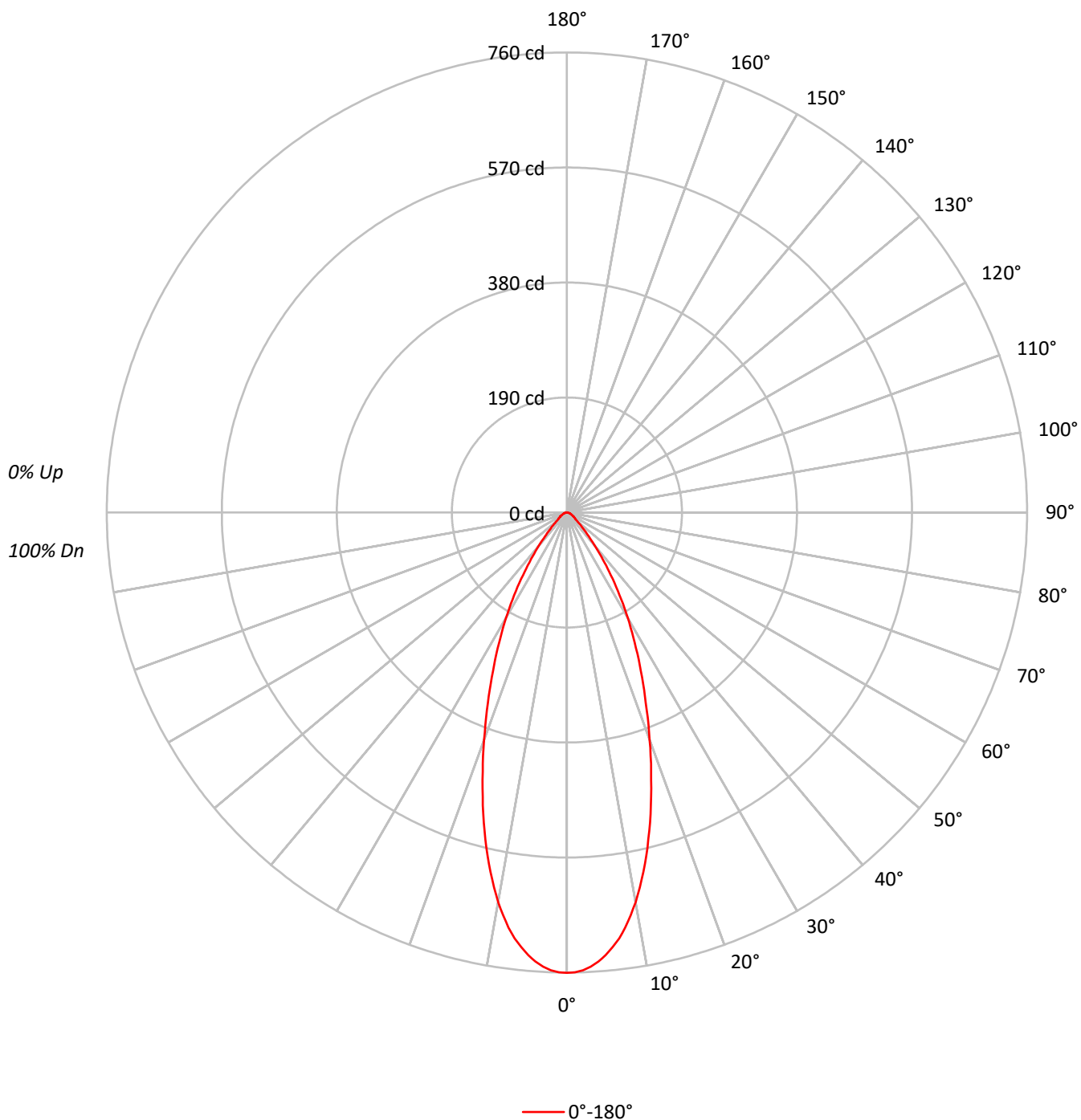
Lumens per Lamp: N/A
Luminaire Lumens: 488.0 lumens
Efficiency: N/A
Efficacy: 33.7 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.5
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	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	85	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	73	90	83	77	73	81	76	72		79	75	72		78
6	88	79	73	68	86	78	72	68	76	71	68		75	71	67		74
7	83	74	68	64	82	74	68	64	72	67	63		71	67	63		70
8	80	70	64	60	78	70	64	60	69	63	60		67	63	60		67
9	76	67	61	57	75	66	60	57	65	60	56		64	60	56		63
10	73	63	58	54	72	63	57	54	62	57	54		61	57	53		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	166763
5°	161567
10°	145577
15°	120409
20°	93225
25°	69948
30°	50767
35°	33836
40°	20782
45°	12187
50°	7471
55°	6079
60°	5307
65°	4307
70°	3911
75°	3813
80°	2904
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12187 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	67.5	13.8
10°-20°	146.1	29.9
20°-30°	132.9	27.2
30°-40°	80.4	16.5
40°-50°	32.2	6.6
50°-60°	14.3	2.9
60°-70°	8.6	1.8
70°-80°	4.7	1.0
80°-90°	1.3	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°	346.5	71.0
0°-40°	426.9	87.5
0°-60°	473.3	97.0
0°-90°	488.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	488.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	760	
5°	734	68
15°	530	146
25°	289	133
35°	126	80
45°	39	32
55°	16	14
65°	8	9
75°	4	5
85°	2	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	760.5
1°	759.7
2°	756.7
3°	751.4
4°	743.8
5°	734.0
6°	721.9
7°	709.0
8°	692.4
9°	673.5
10°	653.8
11°	631.1
12°	606.9
13°	582.7
14°	556.2
15°	530.4
17.5°	463.1
20°	399.5
22.5°	340.5
25°	289.1
27.5°	242.1
30°	200.5
32.5°	161.9
35°	126.4
37.5°	96.9
40°	72.6
42.5°	53.0
45°	39.3
47.5°	29.5
50°	21.9
52.5°	17.4
55°	15.9
57.5°	13.6
60°	12.1
62.5°	9.8
65°	8.3
67.5°	7.6
70°	6.1
72.5°	5.3
75°	4.5
77.5°	3.8
80°	2.3
82.5°	1.5
85°	1.5
87.5°	0.8



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)