

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: P1275758

Luminaire Tested: P3AS09R309835DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275758
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: P3AS09R309835DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 98CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

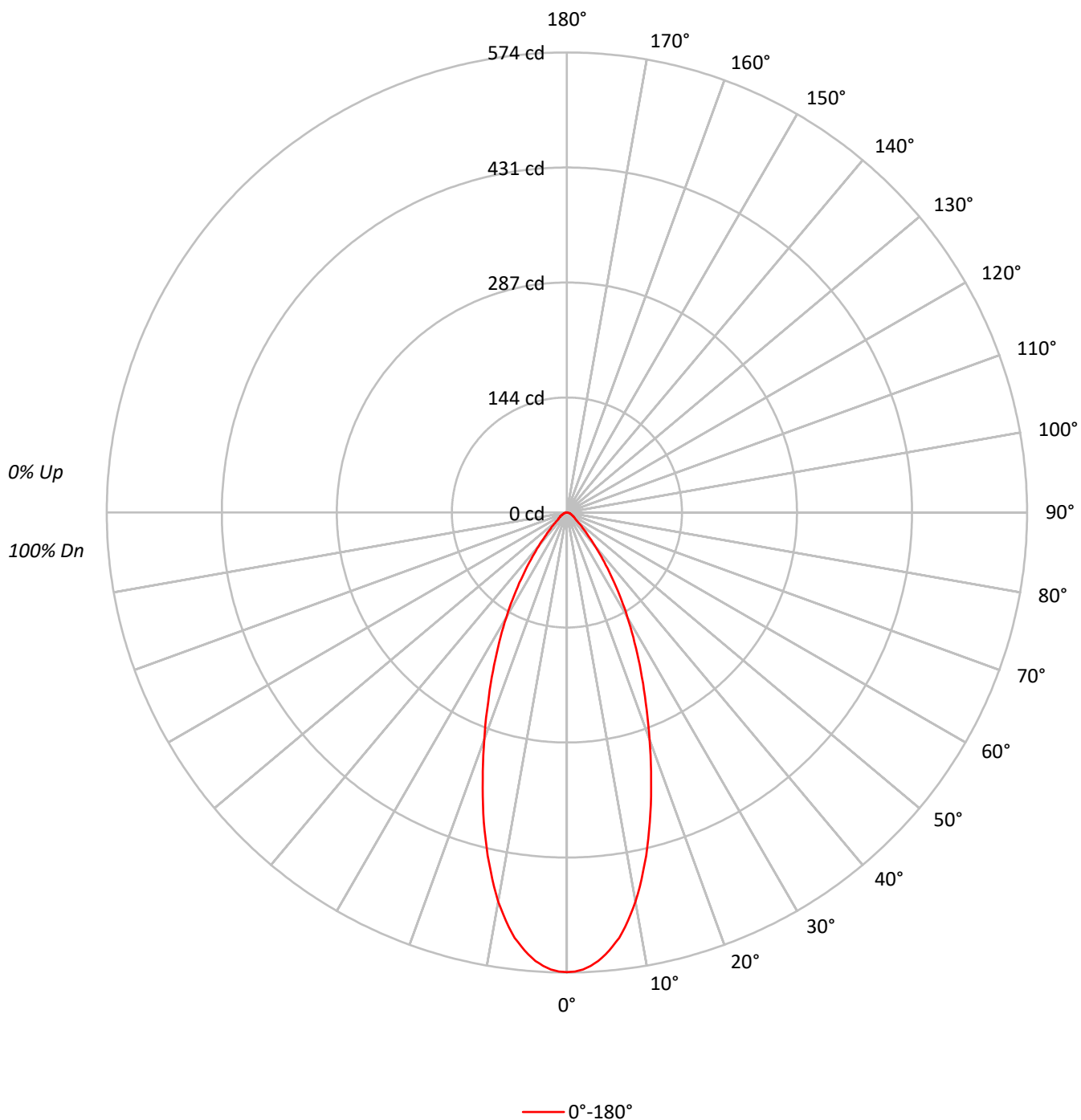
Lumens per Lamp: N/A
Luminaire Lumens: 368.0 lumens
Efficiency: N/A
Efficacy: 33.5 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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°	125757
5°	121835
10°	109773
15°	90806
20°	70309
25°	52745
30°	38284
35°	25511
40°	15687
45°	9210
50°	5629
55°	4588
60°	3991
65°	3269
70°	2949
75°	2881
80°	2147
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 9210 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	50.9	13.8
10°-20°	110.2	29.9
20°-30°	100.2	27.2
30°-40°	60.6	16.5
40°-50°	24.3	6.6
50°-60°	10.8	2.9
60°-70°	6.5	1.8
70°-80°	3.5	1.0
80°-90°	1.0	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°	261.3	71.0
0°-40°	321.9	87.5
0°-60°	357.0	97.0
0°-90°	368.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	368.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	574	
5°	554	51
15°	400	110
25°	218	100
35°	95	61
45°	30	24
55°	12	11
65°	6	6
75°	3	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	573.5
1°	572.9
2°	570.6
3°	566.6
4°	560.9
5°	553.5
6°	544.4
7°	534.7
8°	522.1
9°	507.9
10°	493.0
11°	475.9
12°	457.6
13°	439.4
14°	419.4
15°	400.0
17.5°	349.2
20°	301.3
22.5°	256.8
25°	218.0
27.5°	182.6
30°	151.2
32.5°	122.1
35°	95.3
37.5°	73.0
40°	54.8
42.5°	39.9
45°	29.7
47.5°	22.3
50°	16.5
52.5°	13.1
55°	12.0
57.5°	10.3
60°	9.1
62.5°	7.4
65°	6.3
67.5°	5.7
70°	4.6
72.5°	4.0
75°	3.4
77.5°	2.9
80°	1.7
82.5°	1.1
85°	1.1
87.5°	0.6



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)