

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: P1275786

Luminaire Tested: P3AS09R359835DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275786
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R359835DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 98CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

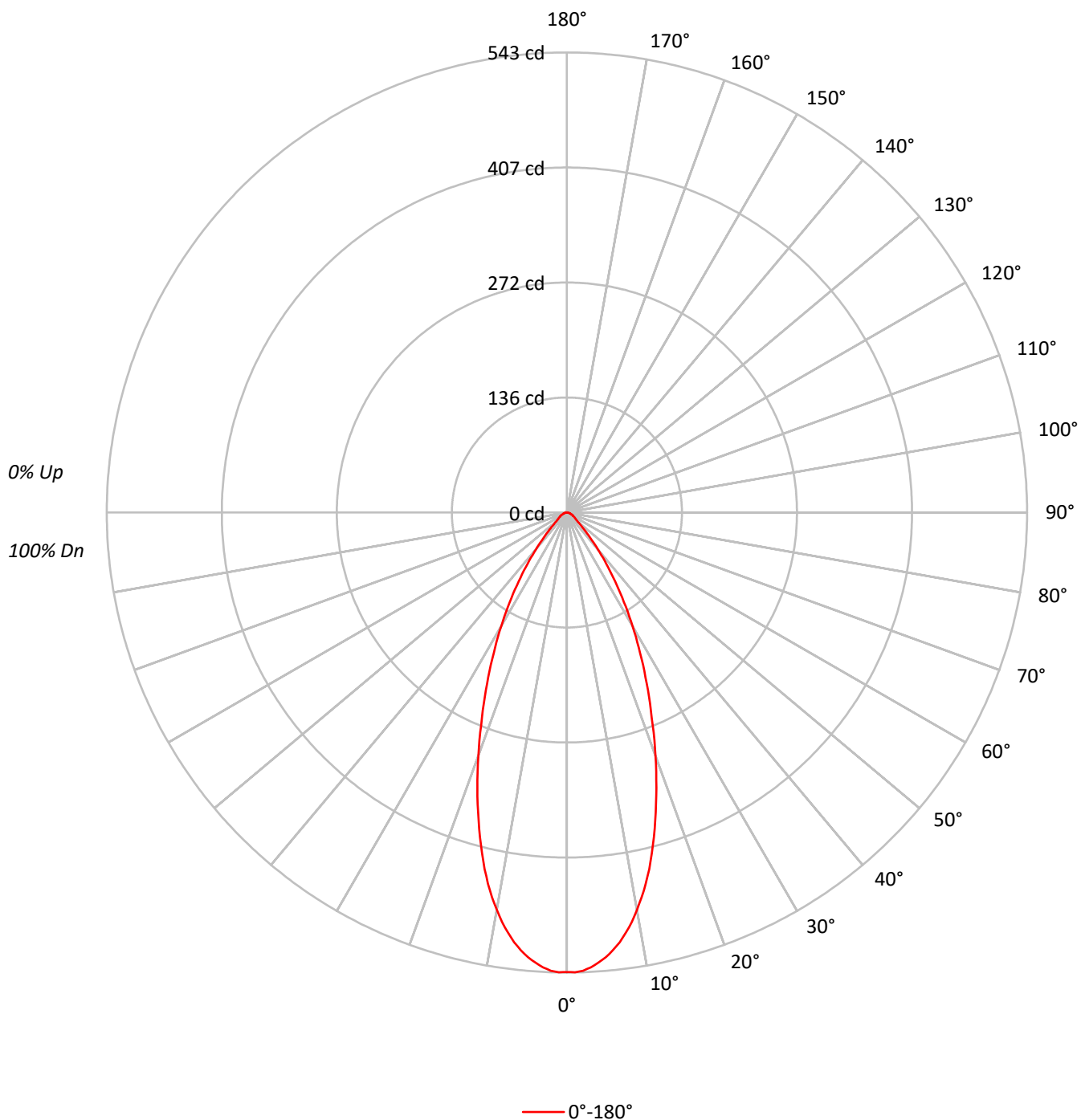
Lumens per Lamp: N/A
Luminaire Lumens: 370.0 lumens
Efficiency: N/A
Efficacy: 33.6 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1275786

CATALOG NUMBER: P3AS09R359835DE010 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	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	94	105	100	97	93	97	94	91		94	92	89		91
3	102	95	90	86	100	94	89	85	91	87	84		89	85	82		86
4	97	89	83	79	95	88	82	78	86	81	77		84	80	77		82
5	92	83	77	73	90	82	77	73	81	76	72		79	75	71		77
6	87	78	72	68	86	77	72	68	76	71	67		75	70	67		73
7	83	74	68	63	82	73	67	63	72	67	63		71	66	63		69
8	79	70	64	60	78	69	63	59	68	63	59		67	62	59		66
9	76	66	60	56	75	66	60	56	65	59	56		64	59	56		63
10	72	63	57	53	71	62	57	53	61	56	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	118938
5°	116002
10°	106055
15°	90012
20°	71266
25°	53906
30°	39247
35°	26528
40°	16316
45°	9365
50°	5629
55°	4588
60°	3991
65°	3528
70°	2949
75°	2881
80°	2904
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 9365 cd/sqm

TEST NUMBER: P1275786

CATALOG NUMBER: P3AS09R359835DE010 E3DLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	48.7	13.2
10°-20°	109.3	29.5
20°-30°	102.3	27.6
30°-40°	62.6	16.9
40°-50°	24.7	6.7
50°-60°	10.9	2.9
60°-70°	6.8	1.8
70°-80°	3.6	1.0
80°-90°	1.2	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°	260.3	70.3
0°-40°	322.9	87.3
0°-60°	358.4	96.9
0°-90°	370.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	370.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	542	
5°	527	49
15°	396	109
25°	223	102
35°	99	63
45°	30	25
55°	12	11
65°	7	7
75°	3	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	542.4
1°	542.9
2°	541.2
3°	537.8
4°	532.7
5°	527.0
6°	519.6
7°	511.0
8°	500.8
9°	489.4
10°	476.3
11°	462.6
12°	447.8
13°	431.8
14°	414.2
15°	396.5
17.5°	350.9
20°	305.4
22.5°	261.5
25°	222.8
27.5°	186.9
30°	155.0
32.5°	125.3
35°	99.1
37.5°	75.8
40°	57.0
42.5°	41.0
45°	30.2
47.5°	21.6
50°	16.5
52.5°	13.7
55°	12.0
57.5°	10.3
60°	9.1
62.5°	8.0
65°	6.8
67.5°	5.7
70°	4.6
72.5°	4.0
75°	3.4
77.5°	2.8
80°	2.3
82.5°	1.7
85°	1.1
87.5°	0.6



TEST NUMBER: P1275786

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CANDELA DISTRIBUTION (continued):



(END OF REPORT)