

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: P1253743

Luminaire Tested: P3AS05R109035DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253743
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: P3AS05R109035DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R10 optic, 3500K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

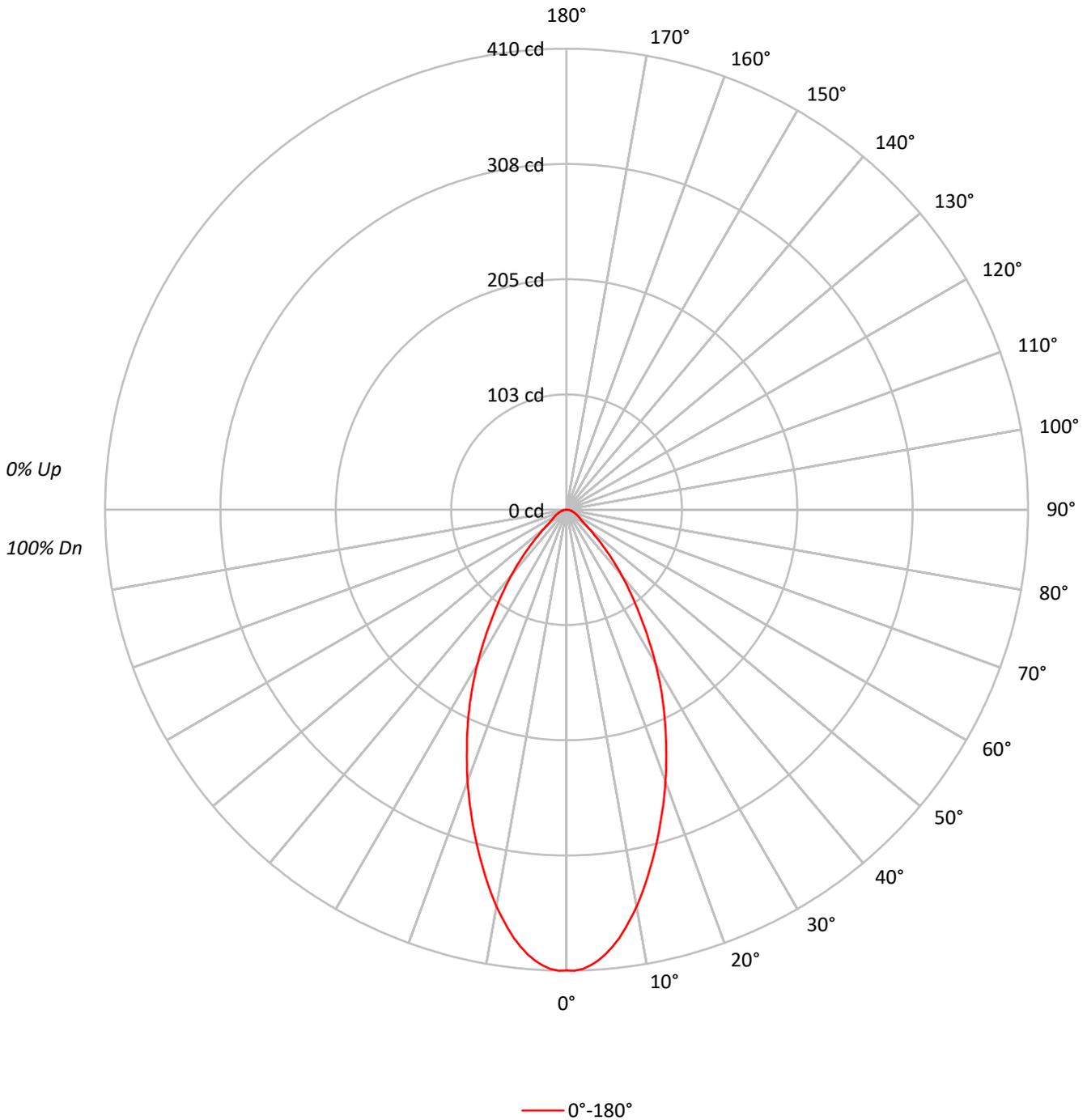
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 356.1 lumens
Efficiency: N/A
Efficacy: 45.1 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): 7.9
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				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
1	113	109	106	104	110	107	105	102	103	101	99	99	98	96	96	95	93	91				91
2	106	100	96	92	104	99	95	91	95	92	89	92	90	87	90	87	85	83				83
3	100	93	87	83	98	91	86	82	89	84	81	86	82	79	84	81	78	76				76
4	94	86	80	75	92	85	79	74	82	77	73	80	76	73	78	75	72	70				70
5	89	80	73	68	87	79	73	68	77	72	67	75	70	67	74	69	66	65				65
6	84	74	68	63	83	73	67	63	72	66	62	70	66	62	69	65	61	60				60
7	80	69	63	58	78	69	63	58	67	62	58	66	61	57	65	61	57	56				56
8	76	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52				52
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49				49
10	68	58	52	47	67	57	51	47	57	51	47	56	51	47	55	50	47	46				46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	89795
5°	87365
10°	79825
15°	69921
20°	59995
25°	50084
30°	40082
35°	30062
40°	21812
45°	14265
50°	8938
55°	6040
60°	5350
65°	4929
70°	4616
75°	4236
80°	4041
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 14265 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	36.6	10.3
10°-20°	85.8	24.1
20°-30°	94.6	26.6
30°-40°	70.8	19.9
40°-50°	36.7	10.3
50°-60°	15.2	4.3
60°-70°	9.4	2.6
70°-80°	5.3	1.5
80°-90°	1.6	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°	217.0	60.9
0°-40°	287.8	80.8
0°-60°	339.8	95.4
0°-90°	356.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	356.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	410	
5°	397	37
15°	308	86
25°	207	95
35°	112	71
45°	46	37
55°	16	15
65°	10	9
75°	5	5
85°	1	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	409.5
1°	410.0
2°	408.6
3°	405.9
4°	401.8
5°	396.9
6°	390.6
7°	383.8
8°	375.7
9°	367.1
10°	358.5
12.5°	333.7
15°	308.0
17.5°	282.3
20°	257.1
22.5°	231.4
25°	207.0
27.5°	182.7
30°	158.3
32.5°	134.4
35°	112.3
37.5°	93.4
40°	76.2
42.5°	60.4
45°	46.0
47.5°	34.7
50°	26.2
52.5°	19.4
55°	15.8
57.5°	14.0
60°	12.2
62.5°	10.8
65°	9.5
67.5°	8.1
70°	7.2
72.5°	5.9
75°	5.0
77.5°	4.1
80°	3.2
82.5°	2.3
85°	1.4
87.5°	0.5
90°	0.0

(END OF REPORT)