

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: P1275317

Luminaire Tested: P3AS05R159835DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275317
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: P3AS05R159835DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 98CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

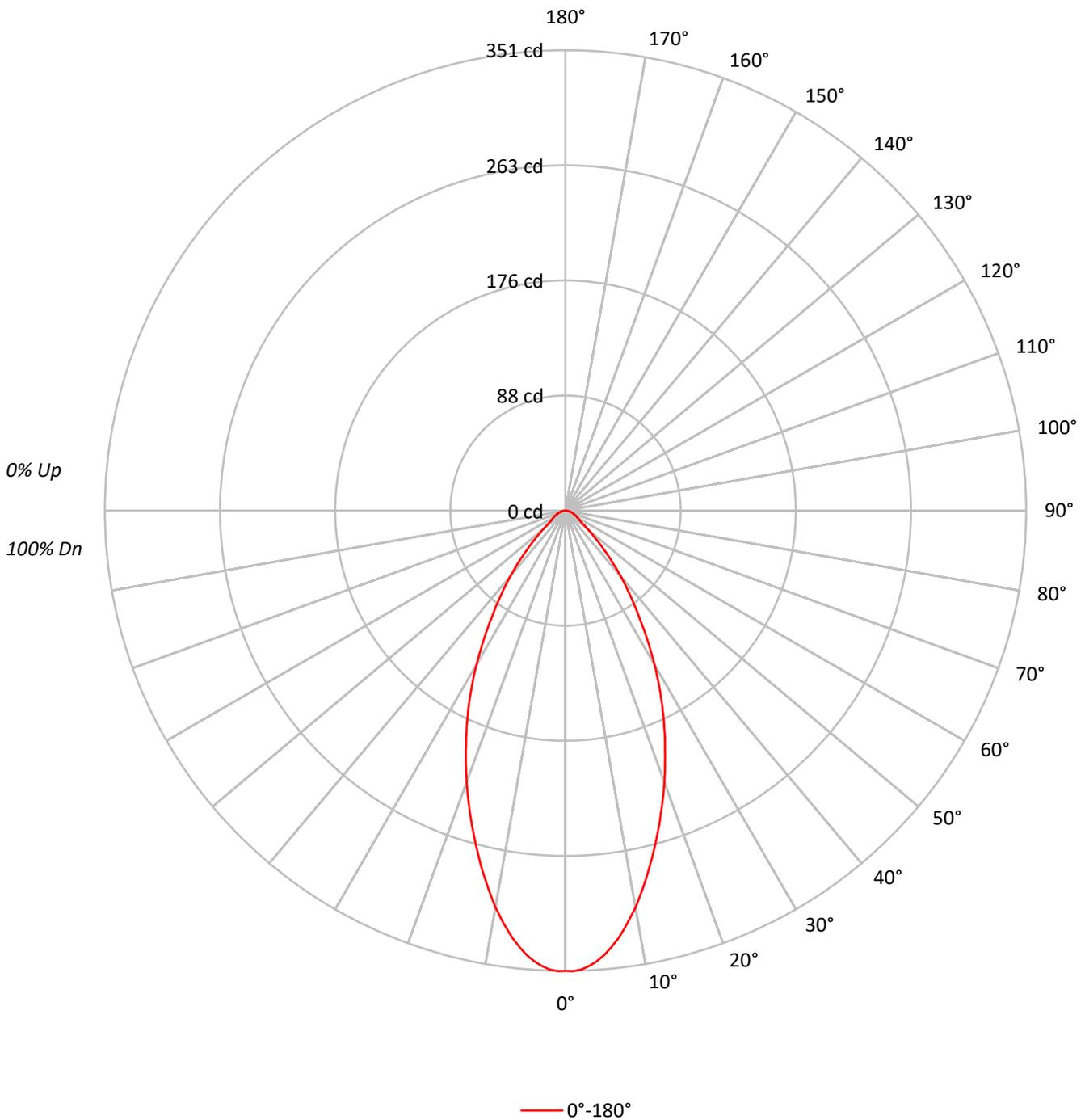
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 305.0 lumens
Efficiency: N/A
Efficacy: 42.4 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): 7.2
Input Voltage (V): NR
Input Current (A_{in}): 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: P1275317
CATALOG NUMBER: P3AS05R159835DE010 E3DLD1MW

Luminous Intensity Polar Plot





TEST NUMBER: P1275317
 CATALOG NUMBER: P3AS05R159835DE010 E3DLD1MW

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°	76924
5°	74840
10°	68402
15°	59910
20°	51384
25°	42922
30°	34334
35°	25752
40°	18692
45°	12218
50°	7642
55°	5161
60°	4561
65°	4203
70°	3975
75°	3643
80°	3410
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 12218 cd/sqm



TEST NUMBER: P1275317
 CATALOG NUMBER: P3AS05R159835DE010 E3DLD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	31.4	10.3
10°-20°	73.5	24.1
20°-30°	81.0	26.6
30°-40°	60.7	19.9
40°-50°	31.5	10.3
50°-60°	13.0	4.3
60°-70°	8.1	2.7
70°-80°	4.5	1.5
80°-90°	1.3	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°	185.9	61.0
0°-40°	246.6	80.8
0°-60°	291.1	95.4
0°-90°	305.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	305.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	351	
5°	340	31
15°	264	74
25°	177	81
35°	96	61
45°	39	31
55°	14	13
65°	8	8
75°	4	5
85°	1	1
90°	0	



TEST NUMBER: P1275317
CATALOG NUMBER: P3AS05R159835DE010 E3DLD1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	350.8
1°	351.2
2°	350.1
3°	347.7
4°	344.3
5°	340.0
6°	334.6
7°	328.8
8°	321.9
9°	314.5
10°	307.2
12.5°	285.9
15°	263.9
17.5°	241.9
20°	220.2
22.5°	198.2
25°	177.4
27.5°	156.5
30°	135.6
32.5°	115.1
35°	96.2
37.5°	80.0
40°	65.3
42.5°	51.8
45°	39.4
47.5°	29.8
50°	22.4
52.5°	16.6
55°	13.5
57.5°	12.0
60°	10.4
62.5°	9.3
65°	8.1
67.5°	7.0
70°	6.2
72.5°	5.0
75°	4.3
77.5°	3.5
80°	2.7
82.5°	1.9
85°	1.2
87.5°	0.4
90°	0.0

(END OF REPORT)