

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: P1253892

Luminaire Tested: P3AS05R309035DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253892
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R309035DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 90CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

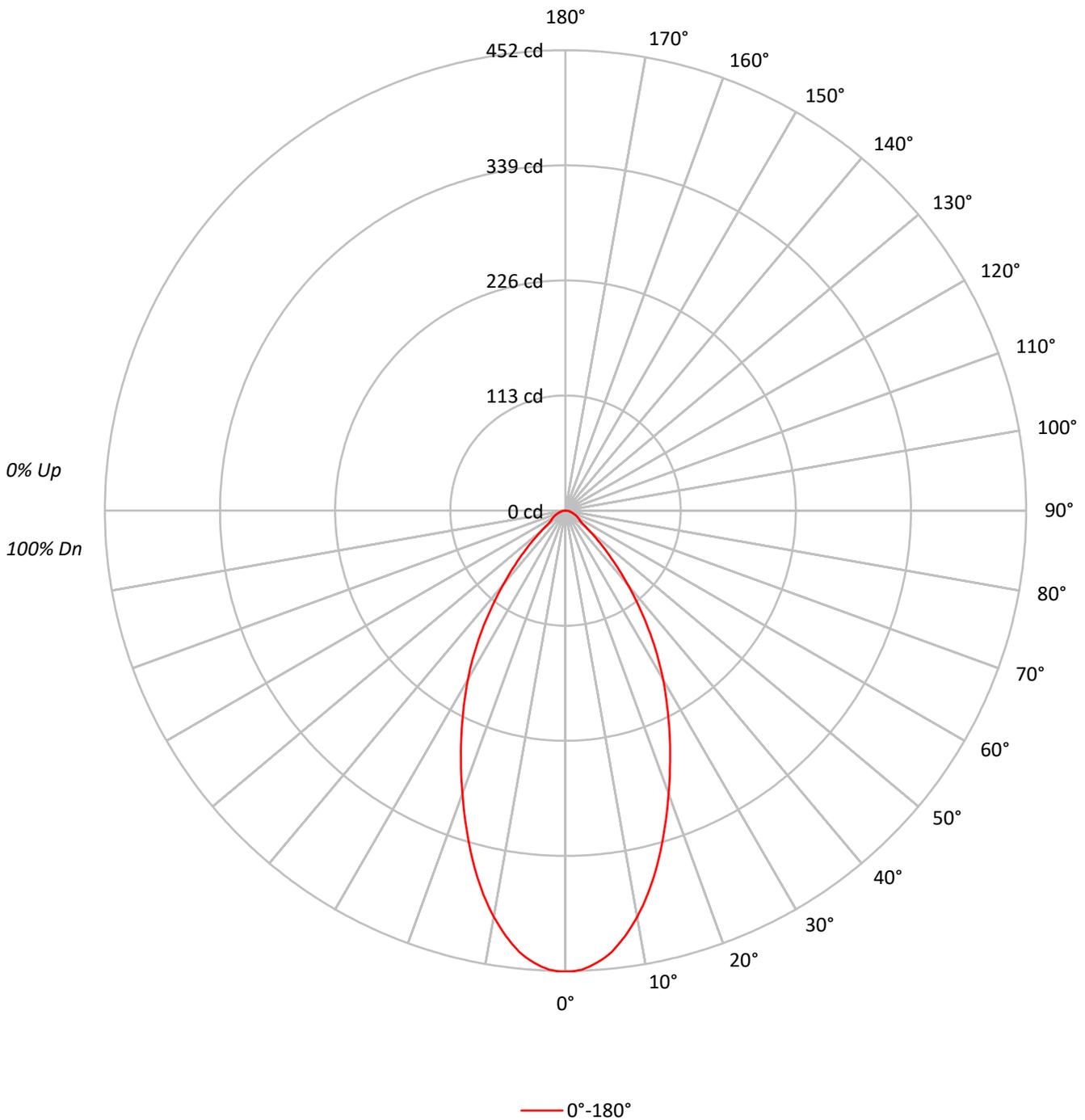
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 419.9 lumens
Efficiency: N/A
Efficacy: 58.3 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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: P1253892
CATALOG NUMBER: P3AS05R309035DE010 E3DLD1LI

Luminous Intensity Polar Plot





TEST NUMBER: P1253892
 CATALOG NUMBER: P3AS05R309035DE010 E3DLD1LI

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
1	112	109	106	104	110	107	105	102	103	101	99	99	98	96	96	94	93	91			91
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	89	87	85	83			83
3	100	92	87	82	98	91	86	82	88	84	80	86	82	79	84	80	78	76			76
4	94	86	79	74	92	84	79	74	82	77	73	80	76	72	78	74	71	70			70
5	89	79	73	68	87	78	72	68	77	71	67	75	70	66	73	69	66	64			64
6	84	74	67	62	82	73	67	62	71	66	62	70	65	61	69	64	61	59			59
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55			55
8	75	65	58	54	74	64	58	53	63	57	53	62	57	53	61	56	53	51			51
9	71	61	54	50	70	60	54	50	59	54	50	58	53	50	57	53	49	48			48
10	68	57	51	47	67	57	51	47	56	50	47	55	50	46	54	50	46	45			45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	99225
5°	97006
10°	90201
15°	80273
20°	69026
25°	58479
30°	48539
35°	38066
40°	27280
45°	17893
50°	10200
55°	6690
60°	6315
65°	5863
70°	5257
75°	4829
80°	4546
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 17893 cd/sqm



TEST NUMBER: P1253892
 CATALOG NUMBER: P3AS05R309035DE010 E3DLD1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	40.9	9.7
10°-20°	98.3	23.4
20°-30°	110.8	26.4
30°-40°	88.4	21.1
40°-50°	45.4	10.8
50°-60°	17.1	4.1
60°-70°	11.2	2.7
70°-80°	6.0	1.4
80°-90°	1.7	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°	250.0	59.5
0°-40°	338.4	80.6
0°-60°	400.9	95.5
0°-90°	419.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	419.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	452	
5°	441	41
15°	354	98
25°	242	111
35°	142	88
45°	58	45
55°	18	17
65°	11	11
75°	6	6
85°	2	2
90°	0	



TEST NUMBER: P1253892
CATALOG NUMBER: P3AS05R309035DE010 E3DLD1LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	452.5
1°	452.5
2°	451.0
3°	448.4
4°	444.8
5°	440.7
6°	435.5
7°	428.8
8°	421.6
9°	413.3
10°	405.1
11°	395.8
12°	386.0
13°	375.7
14°	364.9
15°	353.6
17.5°	324.7
20°	295.8
22.5°	268.0
25°	241.7
27.5°	215.9
30°	191.7
32.5°	167.0
35°	142.2
37.5°	118.0
40°	95.3
42.5°	75.2
45°	57.7
47.5°	42.8
50°	29.9
52.5°	21.1
55°	17.5
57.5°	16.0
60°	14.4
62.5°	12.9
65°	11.3
67.5°	9.8
70°	8.2
72.5°	6.7
75°	5.7
77.5°	4.6
80°	3.6
82.5°	2.6
85°	1.5
87.5°	0.5



TEST NUMBER: P1253892
CATALOG NUMBER: P3AS05R309035DE010 E3DLD1LI

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)