

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: P1262012

Luminaire Tested: P3AS05R509727DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262012
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-30)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R509727DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R50 optic, 2700K CCT AND, 97CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

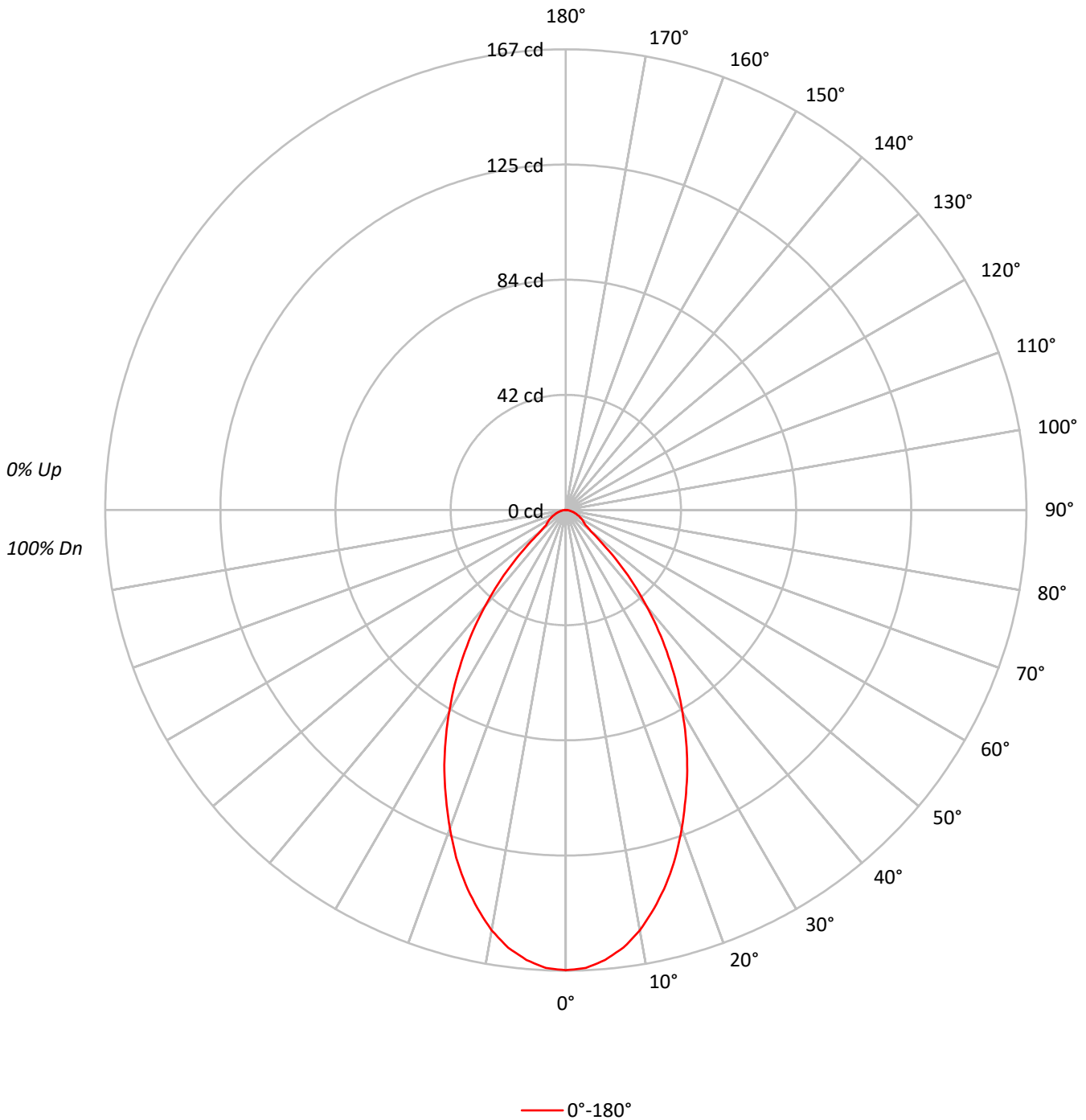
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 180.0 lumens
Efficiency: N/A
Efficacy: 25.0 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.93
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: P1262012
CATALOG NUMBER: P3AS05R509727DE010 E3DLD1GPH

Luminous Intensity Polar Plot





TEST NUMBER: P1262012
 CATALOG NUMBER: P3AS05R509727DE010 E3DLD1GPH

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			
1	112	109	106	103	110	107	104	102	103	101	99	99	97	96	96	94	93	91			
2	106	100	95	91	103	98	94	90	95	91	88	92	89	86	89	86	84	83			
3	99	92	86	81	97	90	85	81	88	83	79	85	81	78	83	80	77	75			
4	93	85	78	73	91	83	77	73	81	76	72	79	75	71	77	73	70	69			
5	88	78	72	67	86	77	71	66	75	70	66	74	69	65	72	68	64	63			
6	83	73	66	61	81	72	65	61	70	65	60	69	64	60	67	63	59	58			
7	78	68	61	56	77	67	61	56	66	60	56	64	59	55	63	59	55	53			
8	74	63	57	52	73	63	56	52	61	56	52	60	55	51	59	55	51	50			
9	70	59	53	48	69	59	52	48	58	52	48	57	52	48	56	51	48	46			
10	66	56	49	45	65	55	49	45	54	49	45	54	48	45	53	48	45	43			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	36576
5°	36033
10°	34446
15°	31896
20°	28679
25°	25211
30°	21421
35°	17373
40°	13053
45°	8404
50°	3991
55°	3135
60°	2982
65°	2750
70°	2500
75°	2288
80°	2020
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 8404 cd/sqm



TEST NUMBER: P1262012
 CATALOG NUMBER: P3AS05R509727DE010 E3DLD1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.3	8.5
10°-20°	39.2	21.8
20°-30°	47.6	26.4
30°-40°	40.4	22.4
40°-50°	21.0	11.7
50°-60°	7.6	4.2
60°-70°	5.2	2.9
70°-80°	2.9	1.6
80°-90°	0.9	0.5
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°	102.1	56.7
0°-40°	142.5	79.2
0°-60°	171.0	95.0
0°-90°	180.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	180.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	167	
5°	164	15
15°	140	39
25°	104	48
35°	65	40
45°	27	21
55°	8	8
65°	5	5
75°	3	3
85°	1	1
90°	0	



TEST NUMBER: P1262012
CATALOG NUMBER: P3AS05R509727DE010 E3DLD1GPH

CANDELA DISTRIBUTION (FULL):

	0°
0°	166.8
2.5°	166.2
5°	163.7
7.5°	160.0
10°	154.7
12.5°	147.9
15°	140.5
17.5°	132.1
20°	122.9
22.5°	113.4
25°	104.2
27.5°	94.5
30°	84.6
32.5°	74.8
35°	64.9
37.5°	55.3
40°	45.6
42.5°	36.4
45°	27.1
47.5°	18.1
50°	11.7
52.5°	9.0
55°	8.2
57.5°	7.4
60°	6.8
62.5°	6.0
65°	5.3
67.5°	4.5
70°	3.9
72.5°	3.3
75°	2.7
77.5°	2.1
80°	1.6
82.5°	1.2
85°	0.8
87.5°	0.4
90°	0.0

(END OF REPORT)