

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: P1248327

Luminaire Tested: P3AS05R109027DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248327
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: P3AS05R109027DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R10 optic, 2700K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

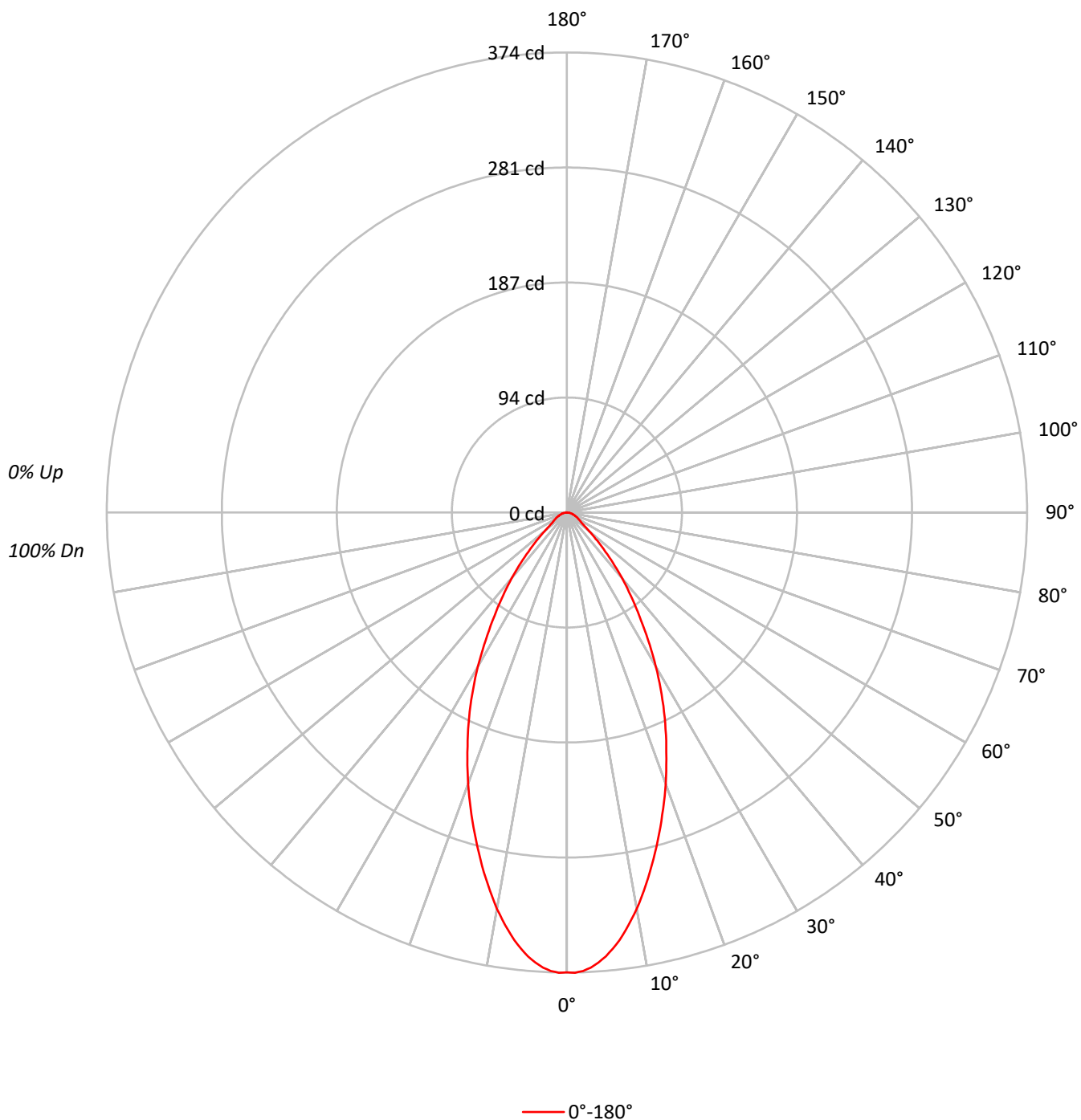
Lumens per Lamp: N/A
Luminaire Lumens: 325.0 lumens
Efficiency: N/A
Efficacy: 41.1 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1248327

CATALOG NUMBER: P3AS05R109027DE010 E3DLD1H

Luminous Intensity Polar Plot





TEST NUMBER: P1248327

CATALOG NUMBER: P3AS05R109027DE010 E3DLD1H

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	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	95	91	95	92	89		92	90	87		90
3	100	93	87	83	98	91	86	82	89	84	81		86	82	79		84
4	94	86	80	75	92	85	79	74	82	77	73		80	76	73		78
5	89	80	73	68	87	79	73	68	77	72	67		75	70	67		74
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		69
7	80	69	63	58	78	69	63	58	67	62	58		66	61	57		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	57	51	47	57	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	81967
5°	79749
10°	72878
15°	63837
20°	54768
25°	45728
30°	36588
35°	27438
40°	19923
45°	13025
50°	8153
55°	5505
60°	4868
65°	4462
70°	4231
75°	3813
80°	3662
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 13025 cd/sqm

TEST NUMBER: P1248327

CATALOG NUMBER: P3AS05R109027DE010 E3DLD1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	33.4	10.3
10°-20°	78.4	24.1
20°-30°	86.3	26.6
30°-40°	64.6	19.9
40°-50°	33.5	10.3
50°-60°	13.9	4.3
60°-70°	8.6	2.6
70°-80°	4.8	1.5
80°-90°	1.4	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°	198.1	61.0
0°-40°	262.8	80.8
0°-60°	310.2	95.4
0°-90°	325.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	325.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	374	
5°	362	33
15°	281	78
25°	189	86
35°	102	65
45°	42	34
55°	14	14
65°	9	9
75°	4	5
85°	1	1
90°	0	

TEST NUMBER: P1248327

CATALOG NUMBER: P3AS05R109027DE010 E3DLD1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	373.8
1°	374.3
2°	373.0
3°	370.6
4°	366.8
5°	362.3
6°	356.6
7°	350.4
8°	343.0
9°	335.1
10°	327.3
12.5°	304.7
15°	281.2
17.5°	257.7
20°	234.7
22.5°	211.2
25°	189.0
27.5°	166.7
30°	144.5
32.5°	122.7
35°	102.5
37.5°	85.2
40°	69.6
42.5°	55.2
45°	42.0
47.5°	31.7
50°	23.9
52.5°	17.7
55°	14.4
57.5°	12.8
60°	11.1
62.5°	9.9
65°	8.6
67.5°	7.4
70°	6.6
72.5°	5.4
75°	4.5
77.5°	3.7
80°	2.9
82.5°	2.1
85°	1.2
87.5°	0.4
90°	0.0

(END OF REPORT)