

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: P1248389

Luminaire Tested: P3AS05R159027DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248389
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: P3AS05R159027DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 2700K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

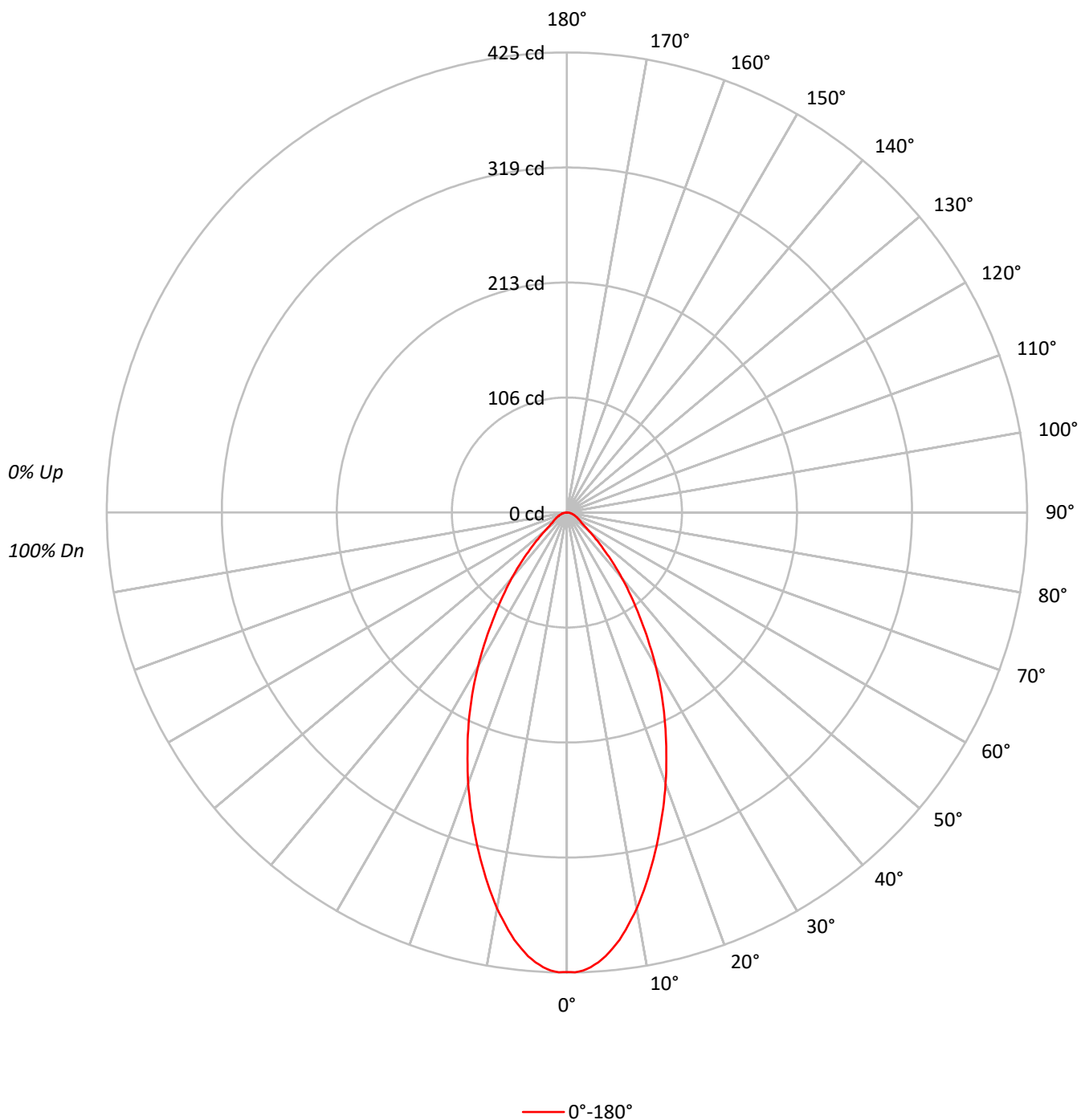
Lumens per Lamp: N/A
Luminaire Lumens: 369.0 lumens
Efficiency: N/A
Efficacy: 51.2 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
Input Voltage (V): NR
Input Current (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: P1248389

CATALOG NUMBER: P3AS05R159027DE010 E3DLD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1248389

CATALOG NUMBER: P3AS05R159027DE010 E3DLD1MW

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				0
RW	70	50	30	10	70	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		100
1	113	109	106	104	110	107	105	102	103	101	99		99	98	96		91
2	106	100	96	92	104	99	95	91	95	92	89		92	90	87		83
3	100	93	87	83	98	91	86	82	89	84	81		86	82	79		76
4	94	86	80	75	92	85	79	74	82	77	73		80	76	73		70
5	89	80	73	68	87	79	73	68	77	72	67		75	71	67		65
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		60
7	80	69	63	58	78	69	63	58	67	62	58		66	61	57		56
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		52
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		49
10	68	58	52	48	67	57	51	47	57	51	47		56	51	47		46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	93085
5°	90557
10°	82742
15°	72486
20°	62189
25°	51922
30°	41551
35°	31159
40°	22614
45°	14792
50°	9245
55°	6270
60°	5526
65°	5085
70°	4809
75°	4321
80°	4167
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 14792 cd/sqm

TEST NUMBER: P1248389

CATALOG NUMBER: P3AS05R159027DE010 E3DLD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	38.0	10.3
10°-20°	89.0	24.1
20°-30°	98.0	26.6
30°-40°	73.4	19.9
40°-50°	38.0	10.3
50°-60°	15.8	4.3
60°-70°	9.8	2.6
70°-80°	5.5	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°	224.9	61.0
0°-40°	298.3	80.9
0°-60°	352.2	95.4
0°-90°	369.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	369.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	424	
5°	411	38
15°	319	89
25°	215	98
35°	116	73
45°	48	38
55°	16	16
65°	10	10
75°	5	5
85°	1	2
90°	0	

TEST NUMBER: P1248389

CATALOG NUMBER: P3AS05R159027DE010 E3DLD1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	424.5
1°	424.9
2°	423.5
3°	420.7
4°	416.5
5°	411.4
6°	404.8
7°	397.8
8°	389.4
9°	380.5
10°	371.6
12.5°	345.9
15°	319.3
17.5°	292.6
20°	266.5
22.5°	239.8
25°	214.6
27.5°	189.3
30°	164.1
32.5°	139.3
35°	116.4
37.5°	96.8
40°	79.0
42.5°	62.6
45°	47.7
47.5°	36.0
50°	27.1
52.5°	20.1
55°	16.4
57.5°	14.5
60°	12.6
62.5°	11.2
65°	9.8
67.5°	8.4
70°	7.5
72.5°	6.1
75°	5.1
77.5°	4.2
80°	3.3
82.5°	2.3
85°	1.4
87.5°	0.5
90°	0.0

(END OF REPORT)