

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: P1259319

Luminaire Tested: P3AS05R459050DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1259319
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R459050DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R45 optic, 5000K CCT AND, 90CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

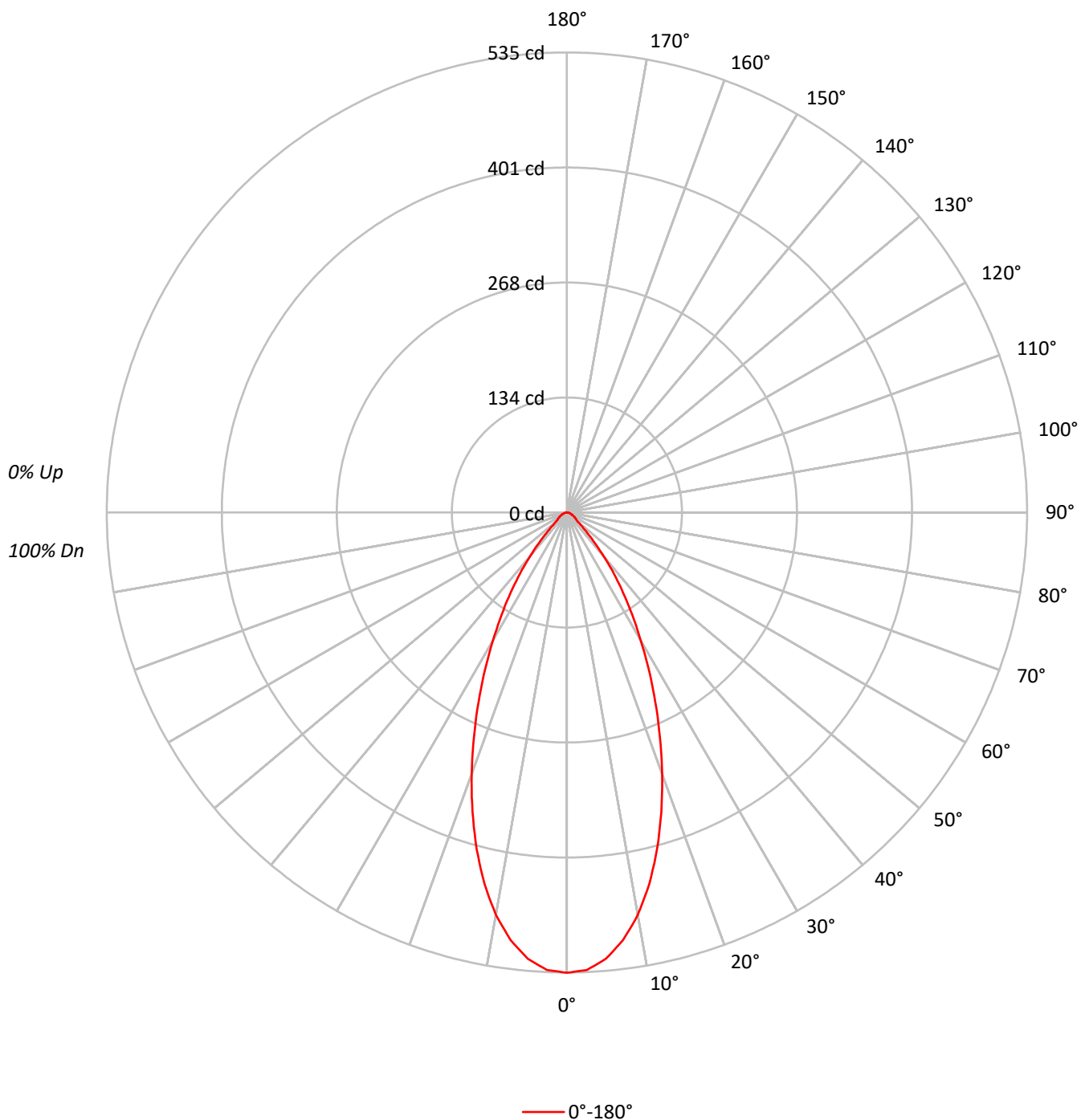
Lumens per Lamp: N/A
Luminaire Lumens: 394.0 lumens
Efficiency: N/A
Efficacy: 54.7 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1259319

CATALOG NUMBER: P3AS05R459050DE010 E3DLP1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1259319

CATALOG NUMBER: P3AS05R459050DE010 E3DLP1MW

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	110	107	105	111	108	106	103	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	102	95	90	85	100	93	89	85	91	87	83		88	85	82		86
4	96	88	83	78	94	87	82	78	85	81	77		83	79	76		81
5	91	83	77	72	90	82	76	72	80	75	71		78	74	71		77
6	87	78	72	67	85	77	71	67	75	70	66		74	69	66		73
7	83	73	67	63	81	72	67	63	71	66	62		70	65	62		69
8	79	69	63	59	77	68	63	59	67	62	58		66	62	58		65
9	75	65	59	55	74	65	59	55	64	59	55		63	58	55		62
10	72	62	56	52	71	61	56	52	61	55	52		60	55	52		59

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	117359
5°	114682
10°	105787
15°	91987
20°	75560
25°	58794
30°	43424
35°	30544
40°	19064
45°	10327
50°	5595
55°	4817
60°	4298
65°	3684
70°	3142
75°	3219
80°	2778
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10327 cd/sqm

TEST NUMBER: P1259319

CATALOG NUMBER: P3AS05R459050DE010 E3DLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	48.3	12.2
10°-20°	112.0	28.4
20°-30°	111.2	28.2
30°-40°	71.6	18.2
40°-50°	27.6	7.0
50°-60°	11.2	2.9
60°-70°	7.1	1.8
70°-80°	3.8	1.0
80°-90°	1.2	0.3
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°	271.5	68.9
0°-40°	343.1	87.1
0°-60°	381.9	96.9
0°-90°	394.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	394.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	535	
5°	521	48
15°	405	112
25°	243	111
35°	114	72
45°	33	28
55°	13	11
65°	7	7
75°	4	4
85°	1	1
90°	0	

TEST NUMBER: P1259319

CATALOG NUMBER: P3AS05R459050DE010 E3DLP1MW

CANDELA DISTRIBUTION (FULL):

	0°
0°	535.2
2.5°	532.5
5°	521.0
7.5°	501.3
10°	475.1
12.5°	442.4
15°	405.2
17.5°	364.8
20°	323.8
22.5°	282.3
25°	243.0
27.5°	205.9
30°	171.5
32.5°	141.4
35°	114.1
37.5°	89.6
40°	66.6
42.5°	48.1
45°	33.3
47.5°	22.4
50°	16.4
52.5°	13.7
55°	12.6
57.5°	10.9
60°	9.8
62.5°	8.2
65°	7.1
67.5°	6.0
70°	4.9
72.5°	4.4
75°	3.8
77.5°	2.7
80°	2.2
82.5°	1.6
85°	1.1
87.5°	0.5
90°	0.0

(END OF REPORT)