

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: P1260055

Luminaire Tested: P3AS13R459050DE010 E3D1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260055
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-28)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R459050DE010 E3D1MW
Description: 3in Adjustable LED luminaire with, R45 optic, 5000K CCT AND, 90CRI , E3D1MW TRIM
Light Source: -
Ballast/Driver: -

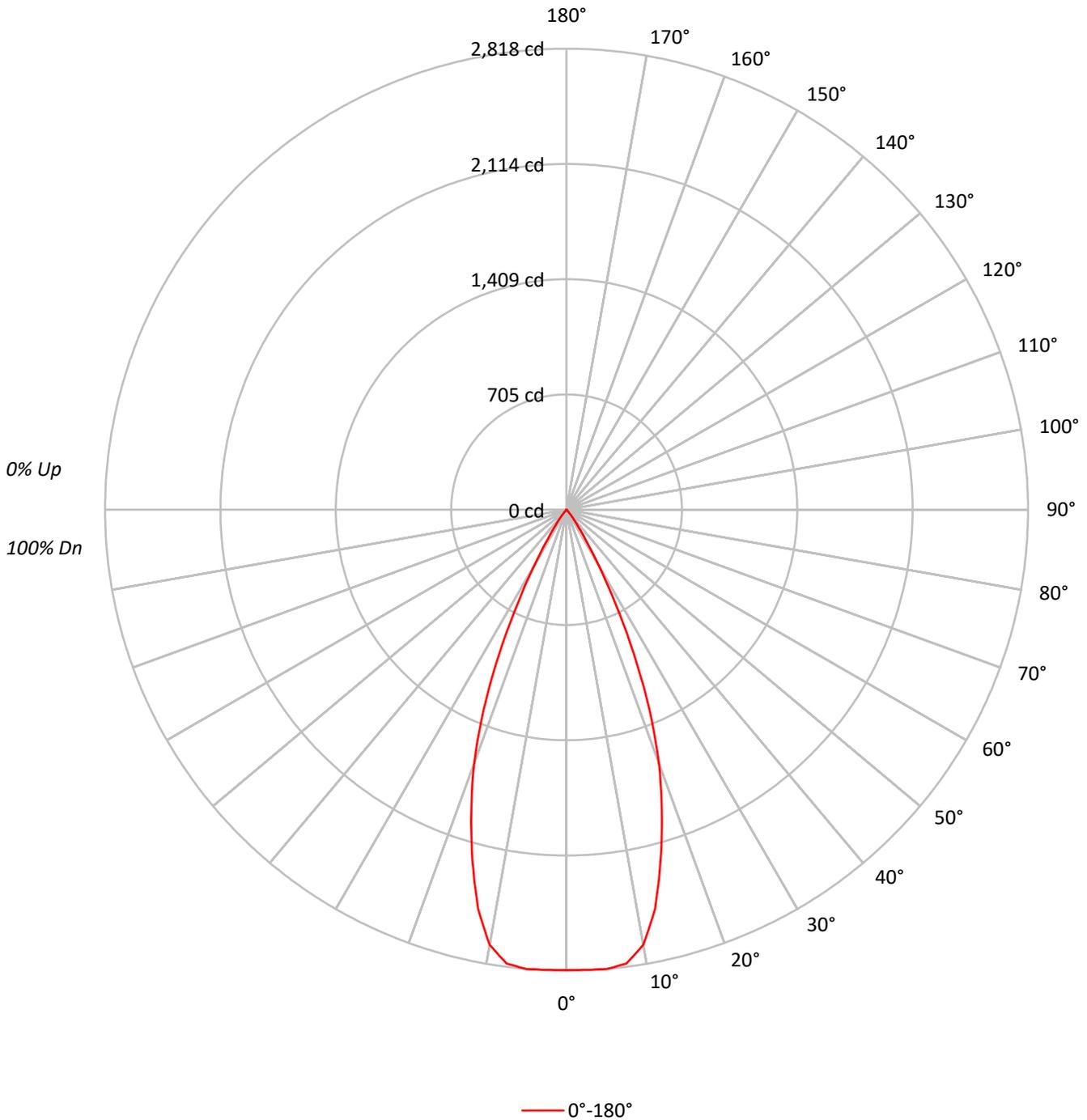
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1423.0 lumens
Efficiency: N/A
Efficacy: 97.5 lumens/watt
Spacing Criteria (0/90/45): 0.72 / 0.72 / 0.66
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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: P1260055
CATALOG NUMBER: P3AS13R459050DE010 E3D1MW

Luminous Intensity Polar Plot





TEST NUMBER: P1260055
 CATALOG NUMBER: P3AS13R459050DE010 E3D1MW

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				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	99	98	97	95
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	95	94	92	91
2	110	106	102	100	108	104	101	98	101	98	96	98	96	94	95	94	92	91	92	90	88	86
3	106	100	96	93	104	99	95	92	96	93	91	94	91	89	92	90	88	86	92	90	88	86
4	102	95	91	87	100	94	90	87	92	89	86	90	87	85	88	86	84	82	88	86	84	82
5	98	91	86	82	96	90	85	82	88	84	81	87	83	81	85	82	80	79	85	82	80	79
6	94	87	82	78	93	86	81	78	85	80	77	83	80	77	82	79	76	75	82	79	76	75
7	90	83	78	74	89	82	78	74	81	77	74	80	76	74	79	76	73	72	79	76	73	72
8	87	79	74	71	86	79	74	71	78	74	71	77	73	70	76	73	70	69	76	73	70	69
9	84	76	71	68	83	76	71	68	75	71	68	74	70	67	73	70	67	66	73	70	67	66
10	81	73	68	65	80	73	68	65	72	68	65	71	67	65	71	67	65	64	71	67	65	64

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	616946
5°	620249
10°	601191
15°	503794
20°	385103
25°	234449
30°	97559
35°	31240
40°	9733
45°	1985
50°	1433
55°	1606
60°	1403
65°	1660
70°	1346
75°	1779
80°	1389
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 1985 cd/sqm



TEST NUMBER: P1260055
 CATALOG NUMBER: P3AS13R459050DE010 E3D1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	265.7	18.7
10°-20°	609.9	42.9
20°-30°	439.2	30.9
30°-40°	91.4	6.4
40°-50°	8.4	0.6
50°-60°	3.4	0.2
60°-70°	2.8	0.2
70°-80°	1.8	0.1
80°-90°	0.4	0.0
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°	1314.9	92.4
0°-40°	1406.2	98.8
0°-60°	1418.0	99.6
0°-90°	1423.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1423.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2814	
5°	2818	266
15°	2219	610
25°	969	439
35°	117	91
45°	6	8
55°	4	3
65°	3	3
75°	2	2
85°	0	0
90°	0	



TEST NUMBER: P1260055
CATALOG NUMBER: P3AS13R459050DE010 E3D1MW

CANDELA DISTRIBUTION (FULL):

	0°
0°	2813.5
2.5°	2814.6
5°	2817.8
7.5°	2797.6
10°	2700.0
12.5°	2496.2
15°	2219.2
17.5°	1935.8
20°	1650.3
22.5°	1322.4
25°	969.0
27.5°	638.9
30°	385.3
32.5°	215.4
35°	116.7
37.5°	65.8
40°	34.0
42.5°	14.9
45°	6.4
47.5°	4.2
50°	4.2
52.5°	4.2
55°	4.2
57.5°	3.2
60°	3.2
62.5°	3.2
65°	3.2
67.5°	2.1
70°	2.1
72.5°	2.1
75°	2.1
77.5°	1.1
80°	1.1
82.5°	1.1
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)