

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: P1254767

Luminaire Tested: P3AS13R459035DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254767
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: P3AS13R459035DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R45 optic, 3500K CCT AND, 90CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

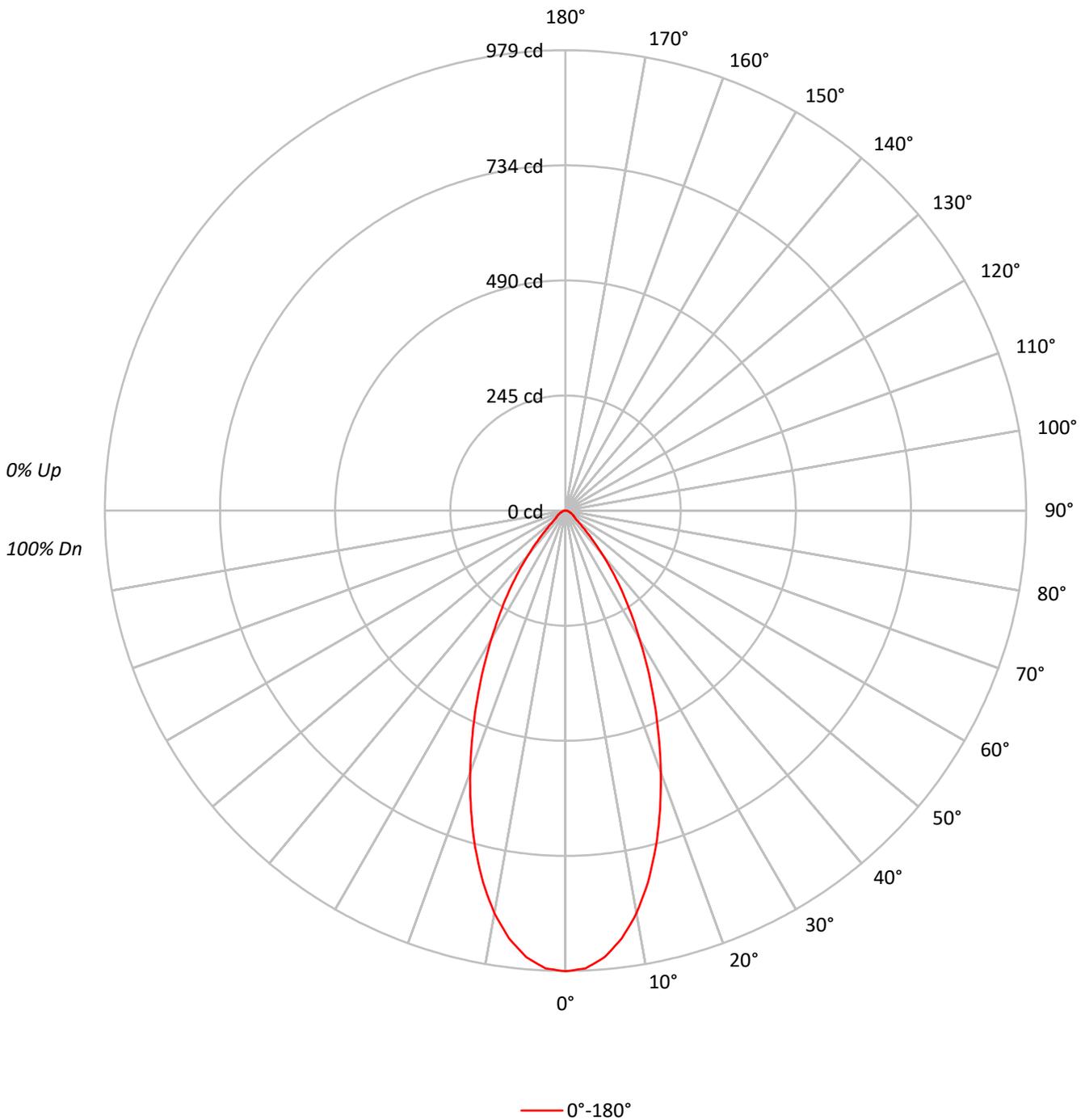
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 721.0 lumens
Efficiency: N/A
Efficacy: 49.4 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): 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: P1254767
CATALOG NUMBER: P3AS13R459035DE010 E3DLP1MW

Luminous Intensity Polar Plot





TEST NUMBER: P1254767
 CATALOG NUMBER: P3AS13R459035DE010 E3DLP1MW

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	113	110	107	105	111	108	106	103	104	102	100	100	99	97	97	96	94	93			
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	86			
3	102	95	90	85	100	93	89	85	91	87	83	88	85	82	86	83	81	79			
4	96	88	83	78	94	87	82	78	85	81	77	83	79	76	81	78	75	74			
5	91	83	77	72	90	82	76	72	80	75	71	78	74	71	77	73	70	69			
6	87	78	72	67	85	77	71	67	75	70	66	74	69	66	73	69	66	64			
7	83	73	67	63	81	72	67	63	71	66	62	70	65	62	69	65	61	60			
8	79	69	63	59	77	68	63	59	67	62	58	66	62	58	65	61	58	56			
9	75	65	59	55	74	65	59	55	64	59	55	63	58	55	62	58	55	53			
10	72	62	56	52	71	61	56	52	61	55	52	60	55	52	59	55	52	50			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	214763
5°	209861
10°	193584
15°	168332
20°	138285
25°	107595
30°	79455
35°	55921
40°	34894
45°	18917
50°	10234
55°	8793
60°	7894
65°	6745
70°	5770
75°	5931
80°	5051
85°	5032

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 18917 cd/sqm



TEST NUMBER: P1254767
 CATALOG NUMBER: P3AS13R459035DE010 E3DLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	88.3	12.2
10°-20°	205.0	28.4
20°-30°	203.5	28.2
30°-40°	131.1	18.2
40°-50°	50.5	7.0
50°-60°	20.5	2.8
60°-70°	13.0	1.8
70°-80°	7.0	1.0
80°-90°	2.2	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°	496.8	68.9
0°-40°	627.9	87.1
0°-60°	698.9	96.9
0°-90°	721.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	721.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	979	
5°	953	88
15°	742	205
25°	445	204
35°	209	131
45°	61	50
55°	23	21
65°	13	13
75°	7	7
85°	2	2
90°	0	



TEST NUMBER: P1254767
CATALOG NUMBER: P3AS13R459035DE010 E3DLP1MW

CANDELA DISTRIBUTION (FULL):

	0°
0°	979.4
2.5°	974.4
5°	953.4
7.5°	917.4
10°	869.4
12.5°	809.5
15°	741.5
17.5°	667.6
20°	592.6
22.5°	516.7
25°	444.7
27.5°	376.8
30°	313.8
32.5°	258.8
35°	208.9
37.5°	163.9
40°	121.9
42.5°	87.9
45°	61.0
47.5°	41.0
50°	30.0
52.5°	25.0
55°	23.0
57.5°	20.0
60°	18.0
62.5°	15.0
65°	13.0
67.5°	11.0
70°	9.0
72.5°	8.0
75°	7.0
77.5°	5.0
80°	4.0
82.5°	3.0
85°	2.0
87.5°	1.0
90°	0.0

(END OF REPORT)