

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: P1262781

Luminaire Tested: P3AS13R459727DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262781
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: P3AS13R459727DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R45 optic, 2700K CCT AND, 97CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

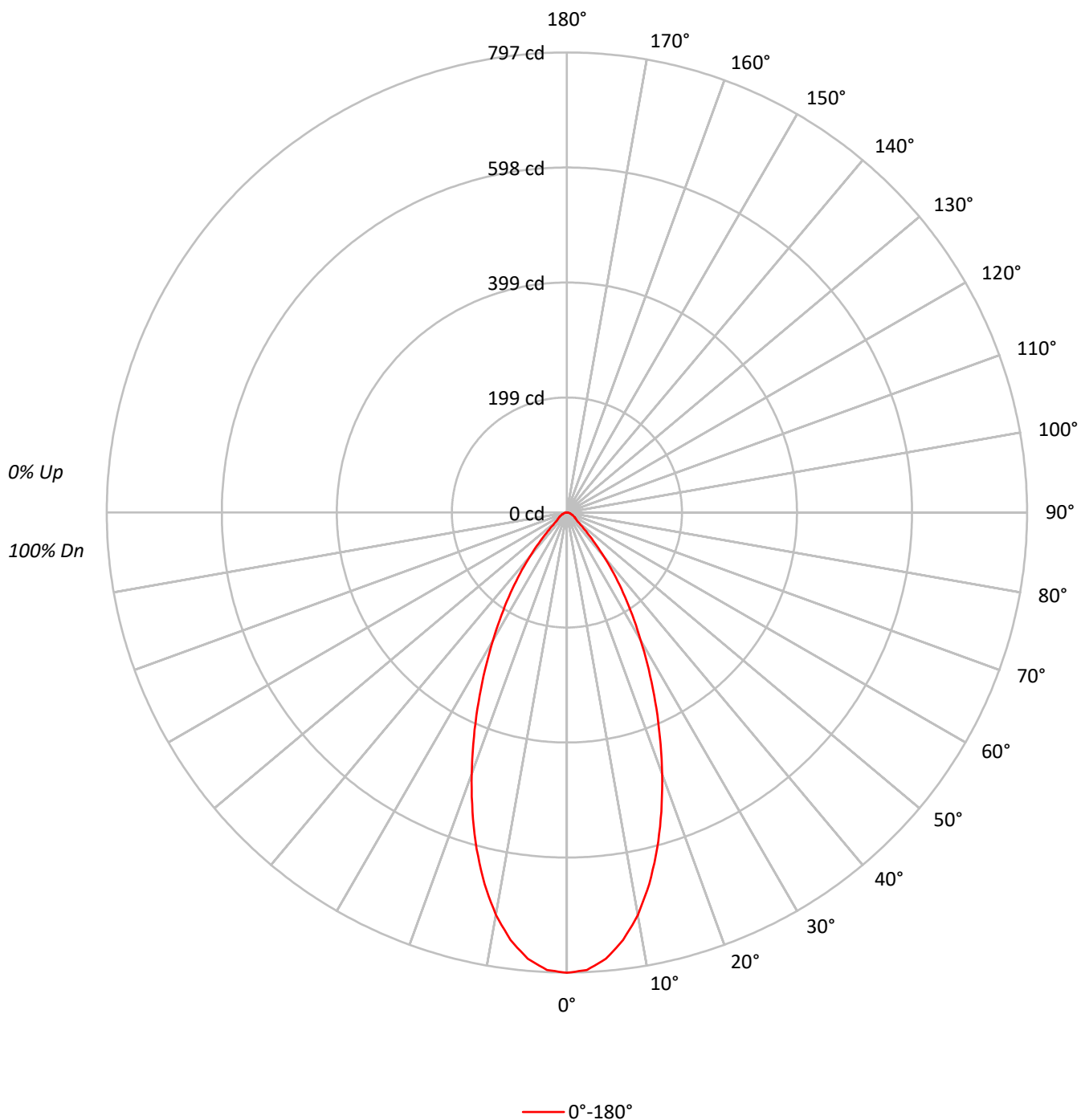
Lumens per Lamp: N/A
Luminaire Lumens: 587.0 lumens
Efficiency: N/A
Efficacy: 40.2 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1262781

CATALOG NUMBER: P3AS13R459727DE010 E3DLP1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1262781

CATALOG NUMBER: P3AS13R459727DE010 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°	174854
5°	170856
10°	157623
15°	137050
20°	112593
25°	87610
30°	64693
35°	45508
40°	28425
45°	15381
50°	8324
55°	7149
60°	6403
65°	5500
70°	4680
75°	4829
80°	4167
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 15381 cd/sqm

TEST NUMBER: P1262781

CATALOG NUMBER: P3AS13R459727DE010 E3DLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	71.9	12.2
10°-20°	166.9	28.4
20°-30°	165.7	28.2
30°-40°	106.7	18.2
40°-50°	41.1	7.0
50°-60°	16.7	2.8
60°-70°	10.5	1.8
70°-80°	5.7	1.0
80°-90°	1.8	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°	404.5	68.9
0°-40°	511.2	87.1
0°-60°	569.0	96.9
0°-90°	587.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	587.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	797	
5°	776	72
15°	604	167
25°	362	166
35°	170	107
45°	50	41
55°	19	17
65°	11	11
75°	6	6
85°	2	2
90°	0	

TEST NUMBER: P1262781

CATALOG NUMBER: P3AS13R459727DE010 E3DLP1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	797.4
2.5°	793.3
5°	776.2
7.5°	746.9
10°	707.9
12.5°	659.0
15°	603.7
17.5°	543.5
20°	482.5
22.5°	420.6
25°	362.1
27.5°	306.7
30°	255.5
32.5°	210.7
35°	170.0
37.5°	133.4
40°	99.3
42.5°	71.6
45°	49.6
47.5°	33.4
50°	24.4
52.5°	20.3
55°	18.7
57.5°	16.3
60°	14.6
62.5°	12.2
65°	10.6
67.5°	8.9
70°	7.3
72.5°	6.5
75°	5.7
77.5°	4.1
80°	3.3
82.5°	2.4
85°	1.6
87.5°	0.8
90°	0.0

(END OF REPORT)