

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: P1260100

Luminaire Tested: P3AS13R509050DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260100
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-29)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R509050DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R50 optic, 5000K CCT AND, 90CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

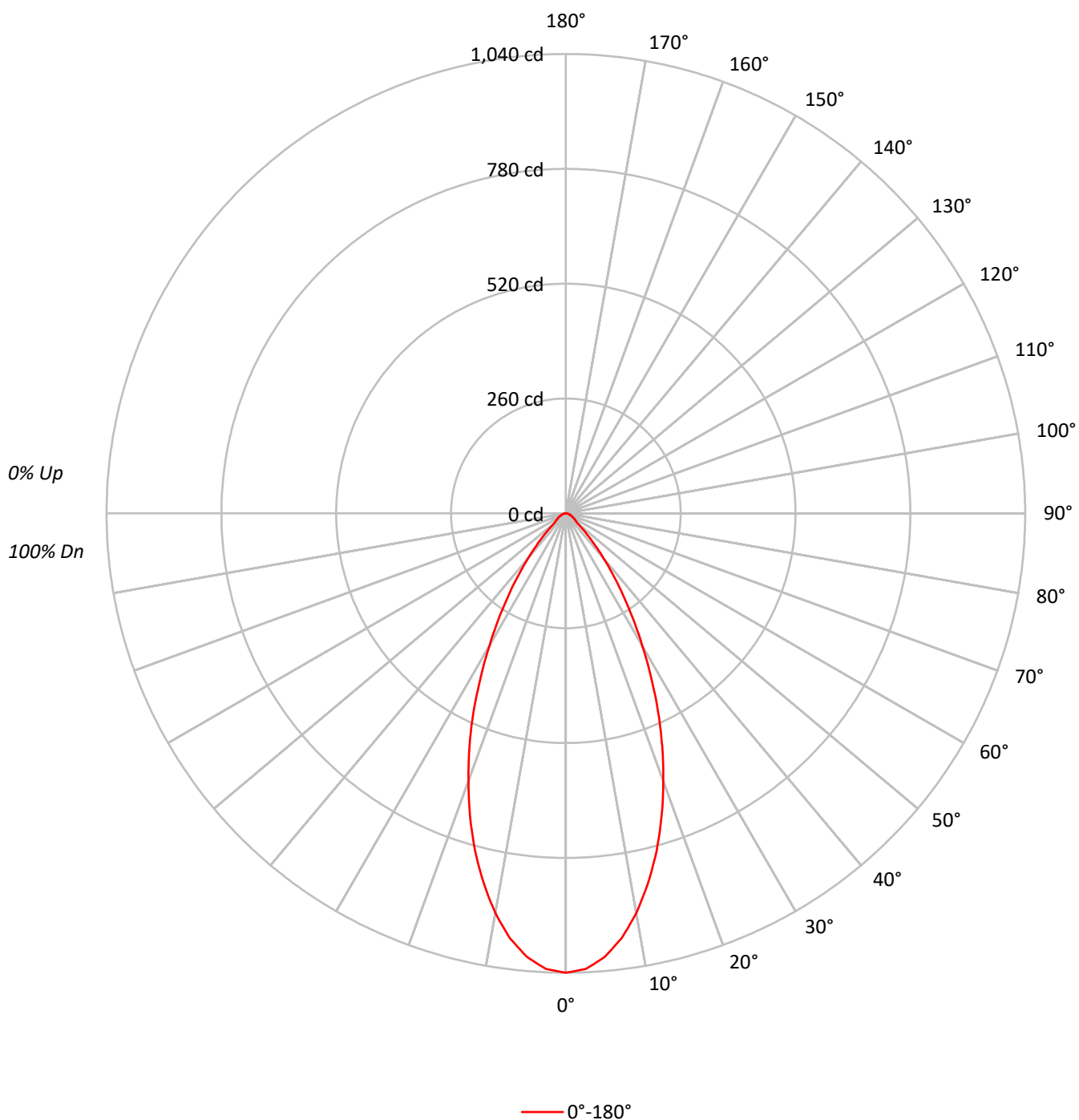
Lumens per Lamp: N/A
Luminaire Lumens: 784.0 lumens
Efficiency: N/A
Efficacy: 53.7 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.77
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1260100

CATALOG NUMBER: P3AS13R509050DE010 E3DLP1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1260100

CATALOG NUMBER: P3AS13R509050DE010 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	101	95	89	85	99	93	88	85	91	87	83		88	85	82		86
4	96	88	82	78	94	87	82	78	85	80	77		83	79	76		81
5	91	83	76	72	90	82	76	72	80	75	71		78	74	70		77
6	87	77	71	67	85	77	71	67	75	70	66		74	69	66		72
7	82	73	67	62	81	72	66	62	71	66	62		70	65	61		68
8	78	69	63	58	77	68	62	58	67	62	58		66	61	58		65
9	75	65	59	55	74	64	59	55	63	58	55		63	58	54		62
10	71	61	56	52	70	61	55	52	60	55	51		59	55	51		59

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	228030
5°	221879
10°	204605
15°	179933
20°	150536
25°	119378
30°	87583
35°	60231
40°	38272
45°	21398
50°	11599
55°	9749
60°	8377
65°	7731
70°	6796
75°	6270
80°	5304
85°	5284

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 21398 cd/sqm

TEST NUMBER: P1260100

CATALOG NUMBER: P3AS13R509050DE010 E3DLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	93.4	11.9
10°-20°	219.5	28.0
20°-30°	224.5	28.6
30°-40°	142.4	18.2
40°-50°	56.7	7.2
50°-60°	23.0	2.9
60°-70°	14.7	1.9
70°-80°	7.5	1.0
80°-90°	2.3	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°	537.4	68.5
0°-40°	679.8	86.7
0°-60°	759.5	96.9
0°-90°	784.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	784.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1040	
5°	1008	93
15°	793	220
25°	493	225
35°	225	142
45°	69	57
55°	26	23
65°	15	15
75°	7	8
85°	2	2
90°	0	

TEST NUMBER: P1260100

CATALOG NUMBER: P3AS13R509050DE010 E3DLP1MW

CANDELA DISTRIBUTION (FULL):

	0°
0°	1039.9
2.5°	1032.4
5°	1008.0
7.5°	969.8
10°	918.9
12.5°	858.4
15°	792.6
17.5°	720.5
20°	645.1
22.5°	569.8
25°	493.4
27.5°	417.0
30°	345.9
32.5°	282.3
35°	225.0
37.5°	176.1
40°	133.7
42.5°	98.7
45°	69.0
47.5°	46.7
50°	34.0
52.5°	28.6
55°	25.5
57.5°	22.3
60°	19.1
62.5°	17.0
65°	14.9
67.5°	12.7
70°	10.6
72.5°	8.5
75°	7.4
77.5°	5.3
80°	4.2
82.5°	3.2
85°	2.1
87.5°	1.1
90°	0.0

(END OF REPORT)