

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: P1257497

Luminaire Tested: P3AS13R509040DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257497
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-30)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R509040DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R50 optic, 4000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

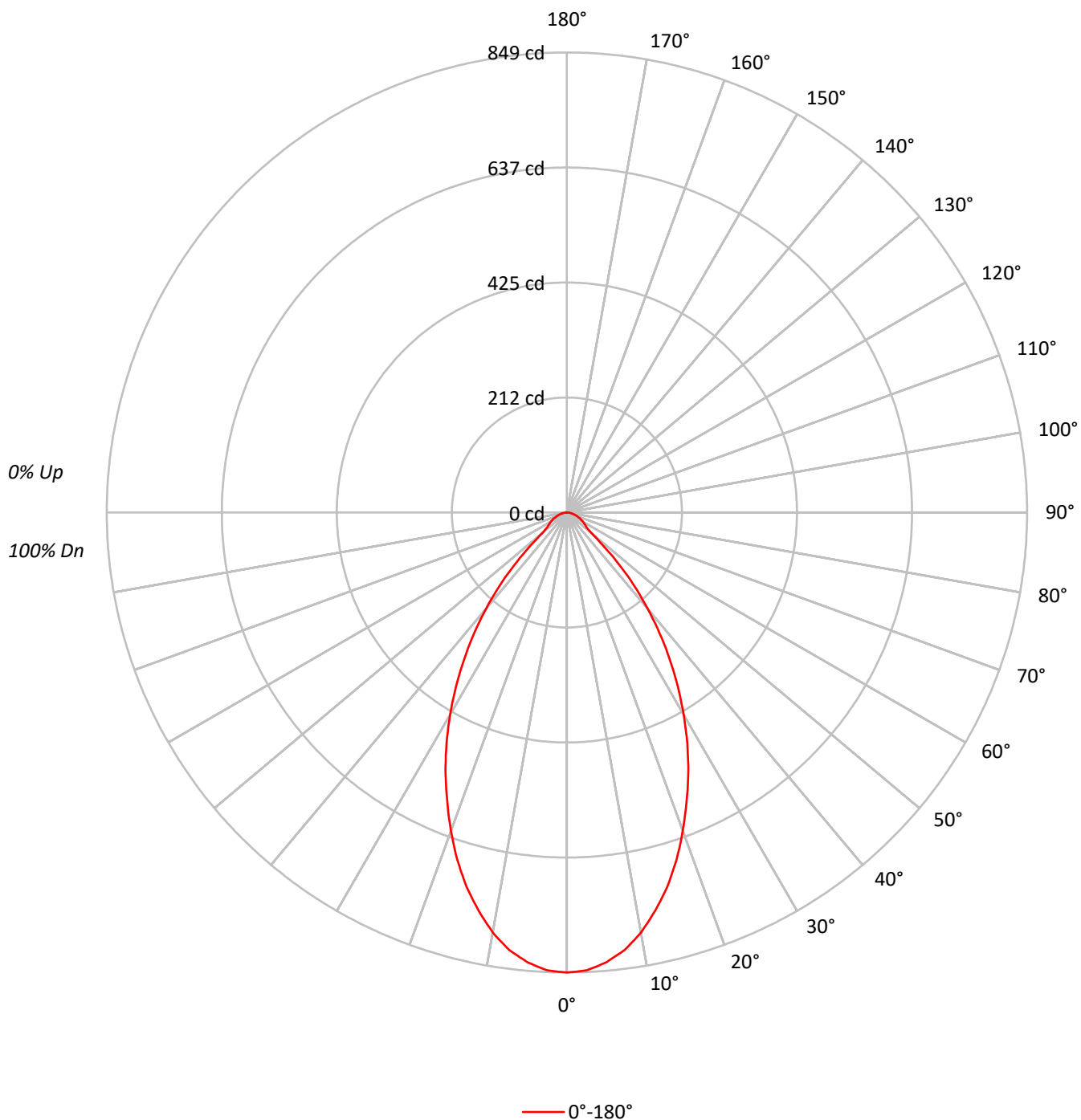
Lumens per Lamp: N/A
Luminaire Lumens: 916.0 lumens
Efficiency: N/A
Efficacy: 62.7 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.93
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1257497

CATALOG NUMBER: P3AS13R509040DE010 E3DLD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1257497

CATALOG NUMBER: P3AS13R509040DE010 E3DLD1MW

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	112	109	106	103	110	107	104	102	103	101	99		99	97	96		95
2	106	100	95	91	103	98	94	90	95	91	88		92	89	86		89
3	99	92	86	81	97	90	85	81	88	83	79		85	81	78		83
4	93	85	78	73	91	83	77	73	81	76	72		79	75	71		77
5	88	78	72	67	86	77	71	66	75	70	66		74	69	65		72
6	83	73	66	61	81	72	65	61	70	65	60		69	64	60		67
7	78	68	61	56	77	67	61	56	66	60	56		64	59	55		63
8	74	63	57	52	73	63	56	52	61	56	52		60	55	51		59
9	70	59	53	48	69	59	52	48	58	52	48		57	52	48		56
10	66	56	49	45	65	55	49	45	54	49	45		54	48	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	186147
5°	183403
10°	175281
15°	162339
20°	145893
25°	128233
30°	109055
35°	88446
40°	66439
45°	42795
50°	20332
55°	15980
60°	15130
65°	14113
70°	12759
75°	11522
80°	10607
85°	10567

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 42795 cd/sqm

TEST NUMBER: P1257497

CATALOG NUMBER: P3AS13R509040DE010 E3DLD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	78.1	8.5
10°-20°	199.4	21.8
20°-30°	242.2	26.4
30°-40°	205.4	22.4
40°-50°	106.7	11.6
50°-60°	38.5	4.2
60°-70°	26.6	2.9
70°-80°	14.5	1.6
80°-90°	4.6	0.5
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°	519.7	56.7
0°-40°	725.1	79.2
0°-60°	870.3	95.0
0°-90°	916.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	916.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	849	
5°	833	78
15°	715	199
25°	530	242
35°	330	205
45°	138	107
55°	42	38
65°	27	27
75°	14	14
85°	4	5
90°	0	

TEST NUMBER: P1257497

CATALOG NUMBER: P3AS13R509040DE010 E3DLD1MW

CANDELA DISTRIBUTION (FULL):

	0°
0°	848.9
2.5°	845.8
5°	833.2
7.5°	814.4
10°	787.2
12.5°	752.7
15°	715.1
17.5°	672.2
20°	625.2
22.5°	577.1
25°	530.0
27.5°	480.9
30°	430.7
32.5°	380.5
35°	330.4
37.5°	281.2
40°	232.1
42.5°	185.0
45°	138.0
47.5°	92.0
50°	59.6
52.5°	46.0
55°	41.8
57.5°	37.6
60°	34.5
62.5°	30.3
65°	27.2
67.5°	23.0
70°	19.9
72.5°	16.7
75°	13.6
77.5°	10.5
80°	8.4
82.5°	6.3
85°	4.2
87.5°	2.1
90°	0.0

(END OF REPORT)