

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: P1265179

Luminaire Tested: P3A13R509730DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265179
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-31)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R509730DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R50 optic, 3000K CCT AND, 97CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

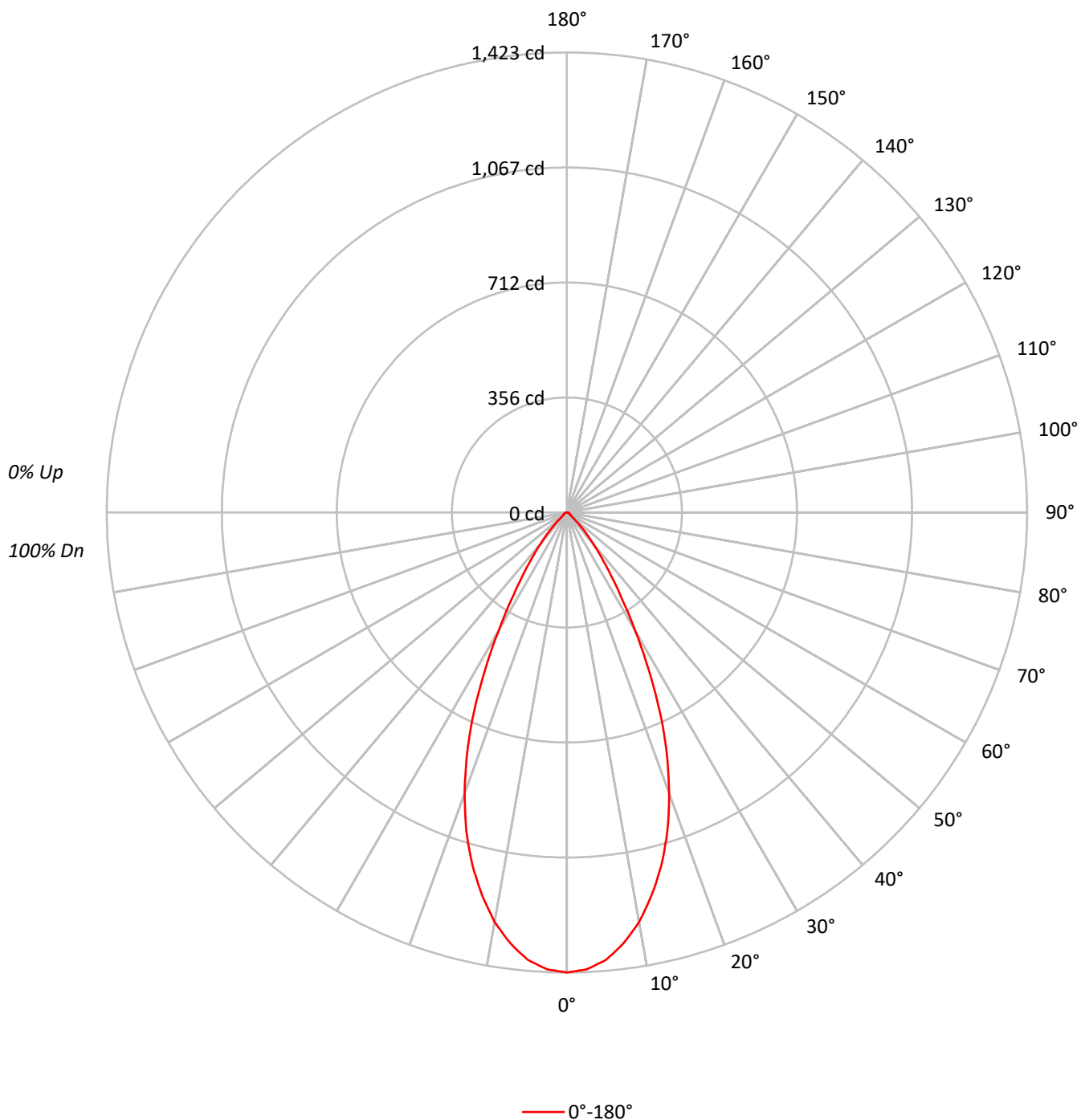
Lumens per Lamp: N/A
Luminaire Lumens: 980.0 lumens
Efficiency: N/A
Efficacy: 67.1 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.75
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1265179

CATALOG NUMBER: P3A13R509730DE010 E3DL1WMH

Luminous Intensity Polar Plot



TEST NUMBER: P1265179

CATALOG NUMBER: P3A13R509730DE010 E3DL1WMH

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	114	111	108	106	111	109	106	104	105	103	101		101	99	98		97
2	108	103	99	96	106	102	98	95	98	95	93		95	93	91		93
3	103	97	92	88	101	95	91	87	93	89	86		90	87	84		88
4	98	91	85	81	96	90	85	81	87	83	80		85	82	79		84
5	93	85	80	75	92	84	79	75	83	78	74		81	77	74		79
6	89	80	75	71	88	80	74	70	78	73	70		77	73	69		75
7	85	76	70	66	84	75	70	66	74	69	66		73	69	65		72
8	81	72	66	62	80	71	66	62	70	65	62		69	65	62		68
9	78	68	63	59	76	68	62	59	67	62	59		66	62	58		65
10	74	65	59	56	73	65	59	56	64	59	55		63	58	55		62

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	312014
5°	305722
10°	286367
15°	256369
20°	215735
25°	164647
30°	107004
35°	63443
40°	36669
45°	18390
50°	6823
55°	5314
60°	4956
65°	4514
70°	4488
75°	4406
80°	4420
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 18390 cd/sqm

TEST NUMBER: P1265179

CATALOG NUMBER: P3A13R509730DE010 E3DL1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	129.2	13.2
10°-20°	312.3	31.9
20°-30°	306.4	31.3
30°-40°	154.3	15.7
40°-50°	48.8	5.0
50°-60°	12.6	1.3
60°-70°	8.9	0.9
70°-80°	5.5	0.6
80°-90°	1.9	0.2
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°	747.9	76.3
0°-40°	902.2	92.1
0°-60°	963.6	98.3
0°-90°	980.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	980.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1423	
5°	1389	129
15°	1129	312
25°	680	306
35°	237	154
45°	59	49
55°	14	13
65°	9	9
75°	5	6
85°	2	2
90°	0	

TEST NUMBER: P1265179

CATALOG NUMBER: P3A13R509730DE010 E3DL1WMH

CANDELA DISTRIBUTION (FULL):

0°	
0°	1422.9
2.5°	1414.2
5°	1388.9
7.5°	1343.6
10°	1286.1
12.5°	1212.0
15°	1129.3
17.5°	1033.4
20°	924.5
22.5°	806.9
25°	680.5
27.5°	546.3
30°	422.6
32.5°	318.0
35°	237.0
37.5°	175.1
40°	128.1
42.5°	90.6
45°	59.3
47.5°	34.0
50°	20.0
52.5°	14.8
55°	13.9
57.5°	12.2
60°	11.3
62.5°	10.5
65°	8.7
67.5°	7.8
70°	7.0
72.5°	6.1
75°	5.2
77.5°	4.4
80°	3.5
82.5°	2.6
85°	1.7
87.5°	0.9
90°	0.0

(END OF REPORT)