

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: P1274093

Luminaire Tested: P3A13R409830DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274093
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-21)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R409830DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R40 optic, 3000K CCT AND, 98CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

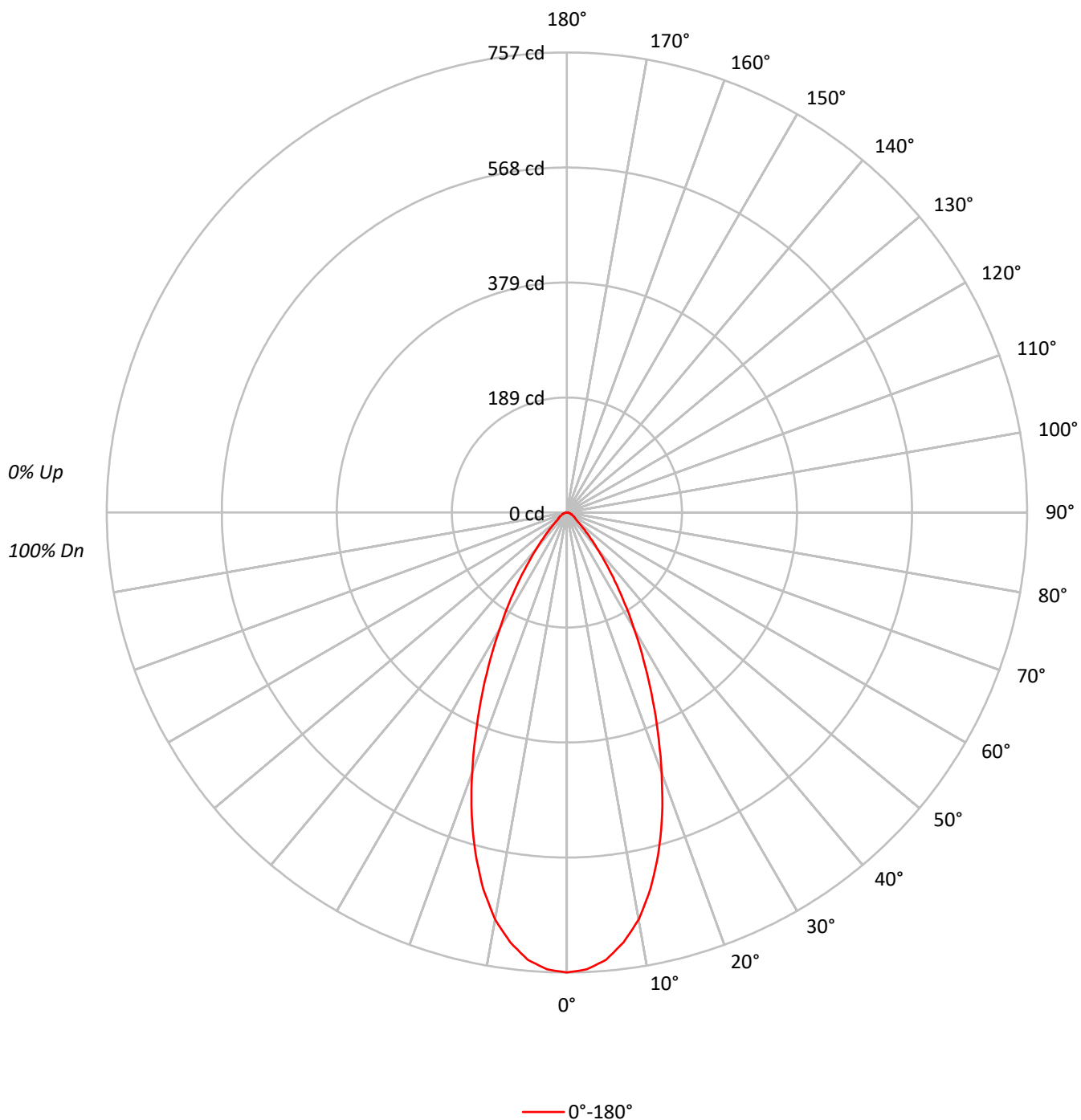
Lumens per Lamp: N/A
Luminaire Lumens: 533.0 lumens
Efficiency: N/A
Efficacy: 36.8 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.5
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: P1274093

CATALOG NUMBER: P3A13R409830DE010 E3DLP1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1274093

CATALOG NUMBER: P3A13R409830DE010 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	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	95	105	101	97	93	97	94	91		94	92	89		92
3	102	95	90	86	100	94	89	85	91	87	84		89	85	83		86
4	97	89	83	79	95	88	83	79	86	81	78		84	80	77		82
5	92	83	77	73	90	82	77	73	81	76	72		79	75	71		77
6	87	78	72	68	86	78	72	68	76	71	67		75	70	67		73
7	83	74	68	64	82	73	68	63	72	67	63		71	66	63		70
8	79	70	64	60	78	69	64	60	68	63	59		67	63	59		66
9	76	66	60	56	75	66	60	56	65	60	56		64	59	56		63
10	72	63	57	53	71	62	57	53	62	57	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	165974
5°	162601
10°	151389
15°	131942
20°	106339
25°	79698
30°	56034
35°	36701
40°	22213
45°	13273
50°	7914
55°	6384
60°	5745
65°	4877
70°	4680
75°	3728
80°	3662
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 13273 cd/sqm

TEST NUMBER: P1274093

CATALOG NUMBER: P3A13R409830DE010 E3DLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	68.6	12.9
10°-20°	160.1	30.0
20°-30°	150.9	28.3
30°-40°	87.2	16.4
40°-50°	34.8	6.5
50°-60°	15.4	2.9
60°-70°	9.5	1.8
70°-80°	5.0	0.9
80°-90°	1.6	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°	379.5	71.2
0°-40°	466.8	87.6
0°-60°	516.9	97.0
0°-90°	533.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	533.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	757	
5°	739	69
15°	581	160
25°	329	151
35°	137	87
45°	43	35
55°	17	15
65°	9	10
75°	4	5
85°	2	2
90°	0	

TEST NUMBER: P1274093

CATALOG NUMBER: P3A13R409830DE010 E3DLP1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	756.9
2.5°	752.5
5°	738.7
7.5°	713.3
10°	679.9
12.5°	634.9
15°	581.2
17.5°	521.0
20°	455.7
22.5°	390.4
25°	329.4
27.5°	272.8
30°	221.3
32.5°	176.3
35°	137.1
37.5°	103.8
40°	77.6
42.5°	58.1
45°	42.8
47.5°	31.2
50°	23.2
52.5°	18.9
55°	16.7
57.5°	15.2
60°	13.1
62.5°	10.9
65°	9.4
67.5°	8.0
70°	7.3
72.5°	5.8
75°	4.4
77.5°	3.6
80°	2.9
82.5°	2.2
85°	1.5
87.5°	0.7
90°	0.0

(END OF REPORT)