

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: P1274050

Luminaire Tested: P3A13R359830DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274050
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R359830DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 98CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

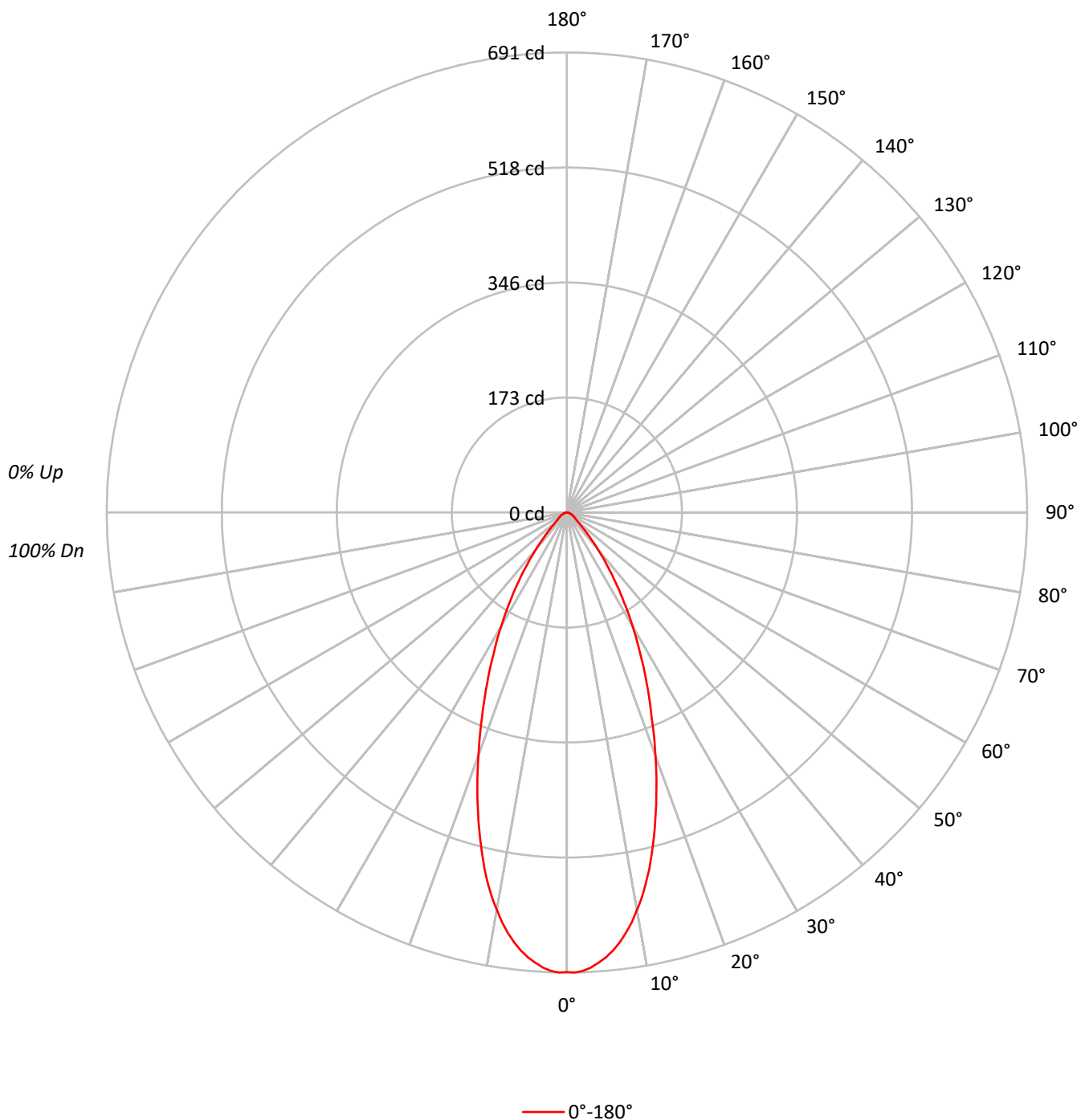
Lumens per Lamp: N/A
Luminaire Lumens: 471.1 lumens
Efficiency: N/A
Efficacy: 32.5 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1274050

CATALOG NUMBER: P3A13R359830DE010 E3DL1WH

Luminous Intensity Polar Plot



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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	94	105	100	97	93	97	94	91		94	92	89		91
3	102	95	90	86	100	94	89	85	91	87	84		89	85	82		86
4	97	89	83	79	95	88	82	78	86	81	77		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	77	72	68	76	71	67		75	70	67		73
7	83	74	68	63	82	73	67	63	72	67	63		71	66	63		69
8	79	70	64	60	78	69	63	59	68	63	59		67	62	59		66
9	76	66	60	56	75	66	60	56	65	59	56		64	59	56		63
10	72	63	57	53	71	62	57	53	61	56	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	151391
5°	147655
10°	135001
15°	114575
20°	90705
25°	68617
30°	49957
35°	33783
40°	20753
45°	11908
50°	7164
55°	5811
60°	5087
65°	4514
70°	3719
75°	3728
80°	3662
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11908 cd/sqm

TEST NUMBER: P1274050

CATALOG NUMBER: P3A13R359830DE010 E3DL1WH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	62.0	13.2
10°-20°	139.1	29.5
20°-30°	130.2	27.6
30°-40°	79.7	16.9
40°-50°	31.4	6.7
50°-60°	13.8	2.9
60°-70°	8.6	1.8
70°-80°	4.6	1.0
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°	331.3	70.3
0°-40°	411.0	87.3
0°-60°	456.2	96.9
0°-90°	471.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	471.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	690	
5°	671	62
15°	505	139
25°	284	130
35°	126	80
45°	38	31
55°	15	14
65°	9	9
75°	4	5
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	690.4
1°	691.1
2°	689.0
3°	684.6
4°	678.1
5°	670.8
6°	661.4
7°	650.5
8°	637.5
9°	623.0
10°	606.3
11°	588.9
12°	570.0
13°	549.7
14°	527.2
15°	504.7
17.5°	446.7
20°	388.7
22.5°	332.9
25°	283.6
27.5°	237.9
30°	197.3
32.5°	159.5
35°	126.2
37.5°	96.5
40°	72.5
42.5°	52.2
45°	38.4
47.5°	27.6
50°	21.0
52.5°	17.4
55°	15.2
57.5°	13.1
60°	11.6
62.5°	10.2
65°	8.7
67.5°	7.3
70°	5.8
72.5°	5.1
75°	4.4
77.5°	3.6
80°	2.9
82.5°	2.2
85°	1.5
87.5°	0.7



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)