

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: P1265088

Luminaire Tested: P3A13R359730DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265088
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R359730DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 97CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

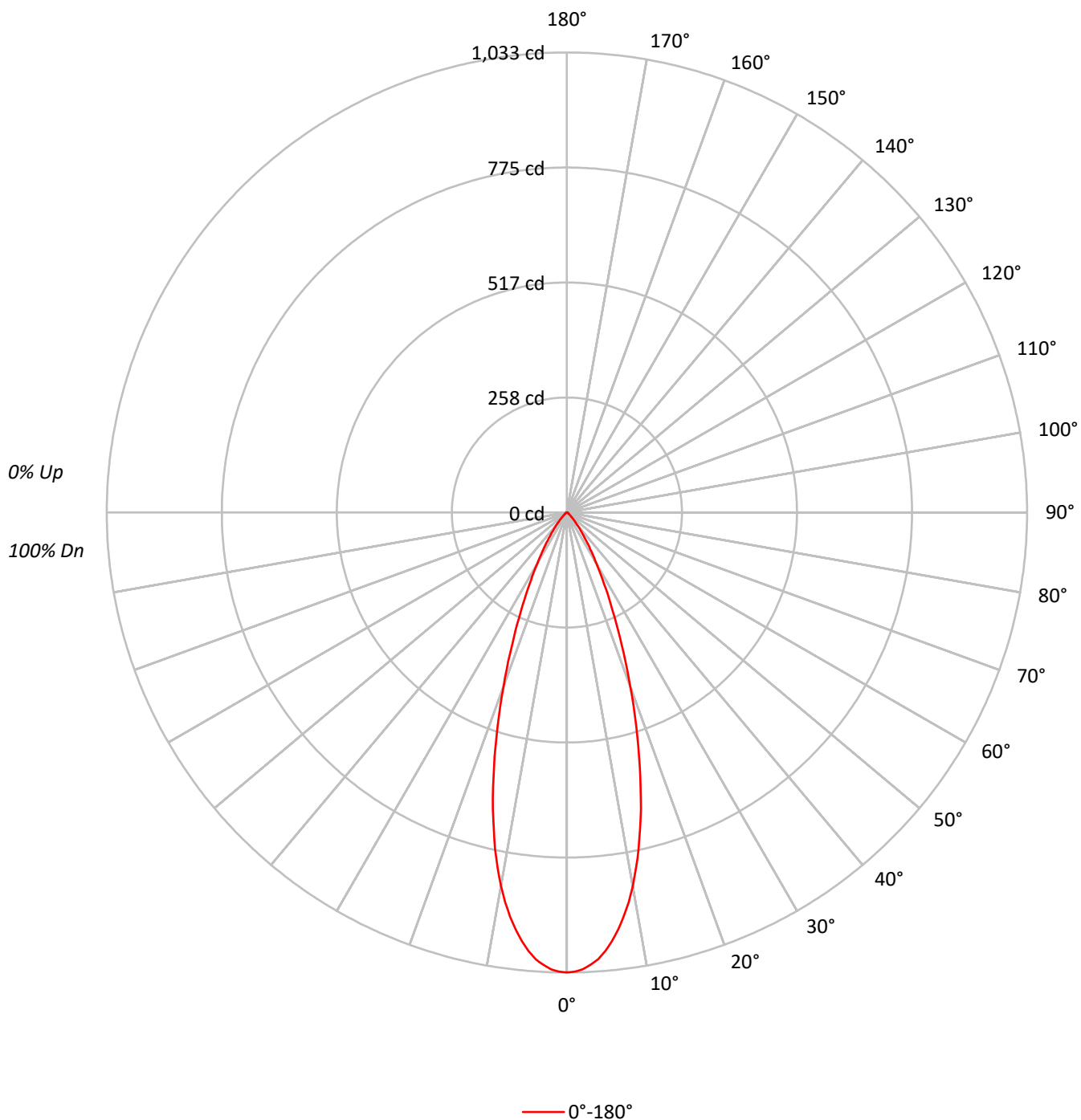
Lumens per Lamp: N/A
Luminaire Lumens: 449.0 lumens
Efficiency: N/A
Efficacy: 30.8 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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			0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50	30	10	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	114	112	109	107	112	109	107	106	105	104	102		102	100	99		98	97	96	95
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94	93	91	90
3	105	99	95	91	103	98	94	90	95	92	89		93	90	88		91	88	86	85
4	100	94	89	85	99	93	88	85	91	87	84		89	85	83		87	84	82	80
5	96	89	84	80	95	88	83	80	86	82	79		85	81	78		83	80	78	76
6	92	85	80	76	91	84	79	76	83	78	75		81	77	75		80	77	74	73
7	89	81	76	72	88	80	75	72	79	75	71		78	74	71		77	73	71	70
8	85	77	72	69	84	77	72	68	76	71	68		75	71	68		74	70	68	66
9	82	74	69	66	81	74	69	65	73	68	65		72	68	65		71	67	65	64
10	79	71	66	63	78	71	66	63	70	66	63		69	65	62		69	65	62	61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	226451
5°	217631
10°	189620
15°	145245
20°	97168
25°	58794
30°	33752
35°	18872
40°	10019
45°	5179
50°	2490
55°	1950
60°	1886
65°	1557
70°	1667
75°	1440
80°	1642
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 5179 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	90.0	20.0
10°-20°	174.3	38.8
20°-30°	114.1	25.4
30°-40°	46.3	10.3
40°-50°	13.9	3.1
50°-60°	4.7	1.1
60°-70°	3.2	0.7
70°-80°	1.9	0.4
80°-90°	0.6	0.1
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°	378.4	84.3
0°-40°	424.7	94.6
0°-60°	443.4	98.7
0°-90°	449.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	449.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1033	
5°	989	90
15°	640	174
25°	243	114
35°	70	46
45°	17	14
55°	5	5
65°	3	3
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1032.7
1°	1031.0
2°	1026.3
3°	1016.9
4°	1005.8
5°	988.7
6°	967.4
7°	943.5
8°	916.6
9°	885.8
10°	851.6
11°	813.6
12°	773.9
13°	729.5
14°	687.2
15°	639.8
17.5°	524.9
20°	416.4
22.5°	320.3
25°	243.0
27.5°	181.1
30°	133.3
32.5°	97.8
35°	70.5
37.5°	50.0
40°	35.0
42.5°	24.3
45°	16.7
47.5°	11.1
50°	7.3
52.5°	5.6
55°	5.1
57.5°	4.7
60°	4.3
62.5°	3.8
65°	3.0
67.5°	2.6
70°	2.6
72.5°	2.1
75°	1.7
77.5°	1.3
80°	1.3
82.5°	0.9
85°	0.4
87.5°	0.4



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)