

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: P1264976

Luminaire Tested: P3A13R159730DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264976
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R159730DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 97CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

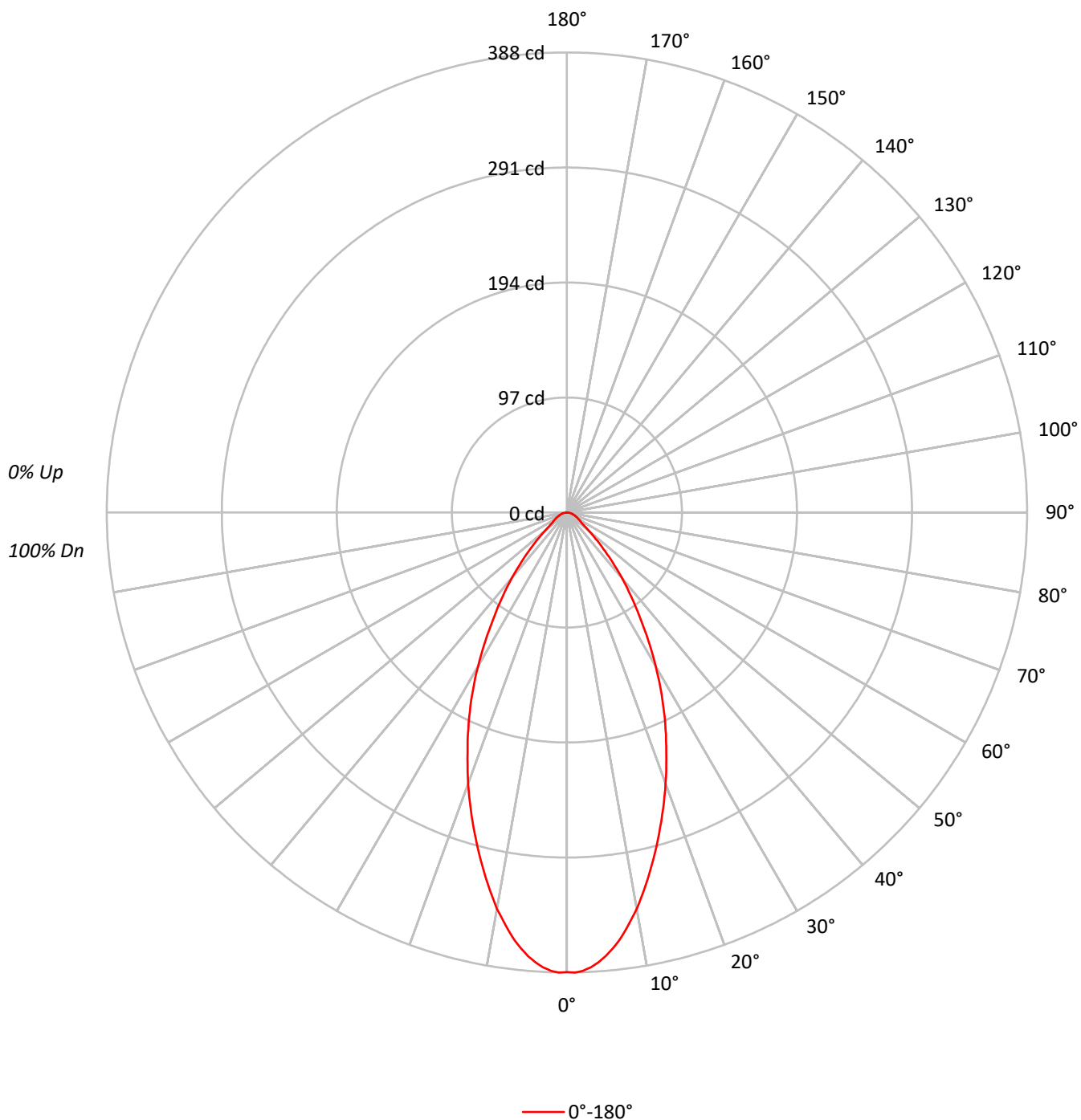
Lumens per Lamp: N/A
Luminaire Lumens: 337.0 lumens
Efficiency: N/A
Efficacy: 23.1 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	113	109	107	104	110	107	105	102	103	101	99	99	98	96	96	95	93	91		
2	106	100	96	92	104	99	95	91	95	92	89	92	90	87	90	87	85	83		
3	100	93	87	83	98	91	86	82	89	84	81	86	82	79	84	81	78	76		
4	94	86	80	75	92	85	79	74	82	77	73	80	76	73	78	75	72	70		
5	89	80	73	68	87	79	73	68	77	72	67	75	71	67	74	69	66	65		
6	84	74	68	63	83	73	67	63	72	66	62	70	66	62	69	65	61	60		
7	80	69	63	58	78	69	63	58	67	62	58	66	61	57	65	61	57	56		
8	76	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52		
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49		
10	68	58	52	48	67	57	51	47	57	51	47	56	51	47	55	50	47	46		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	84993
5°	82698
10°	75572
15°	66198
20°	56775
25°	47422
30°	37955
35°	28456
40°	20667
45°	13490
50°	8460
55°	5696
60°	5043
65°	4670
70°	4360
75°	3982
80°	3788
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 13490 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	34.7	10.3
10°-20°	81.2	24.1
20°-30°	89.5	26.6
30°-40°	67.0	19.9
40°-50°	34.7	10.3
50°-60°	14.4	4.3
60°-70°	8.9	2.6
70°-80°	5.0	1.5
80°-90°	1.4	0.4
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°	205.4	61.0
0°-40°	272.5	80.9
0°-60°	321.6	95.4
0°-90°	337.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	337.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	388	
5°	376	35
15°	292	81
25°	196	90
35°	106	67
45°	44	35
55°	15	14
65°	9	9
75°	5	5
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	387.6
1°	388.1
2°	386.8
3°	384.2
4°	380.4
5°	375.7
6°	369.7
7°	363.3
8°	355.6
9°	347.5
10°	339.4
12.5°	315.9
15°	291.6
17.5°	267.3
20°	243.3
22.5°	219.0
25°	196.0
27.5°	172.9
30°	149.9
32.5°	127.2
35°	106.3
37.5°	88.4
40°	72.2
42.5°	57.2
45°	43.5
47.5°	32.9
50°	24.8
52.5°	18.4
55°	14.9
57.5°	13.2
60°	11.5
62.5°	10.2
65°	9.0
67.5°	7.7
70°	6.8
72.5°	5.6
75°	4.7
77.5°	3.8
80°	3.0
82.5°	2.1
85°	1.3
87.5°	0.4
90°	0.0

(END OF REPORT)