

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: P1273965

Luminaire Tested: P3A13R209830DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273965
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R209830DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 98CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

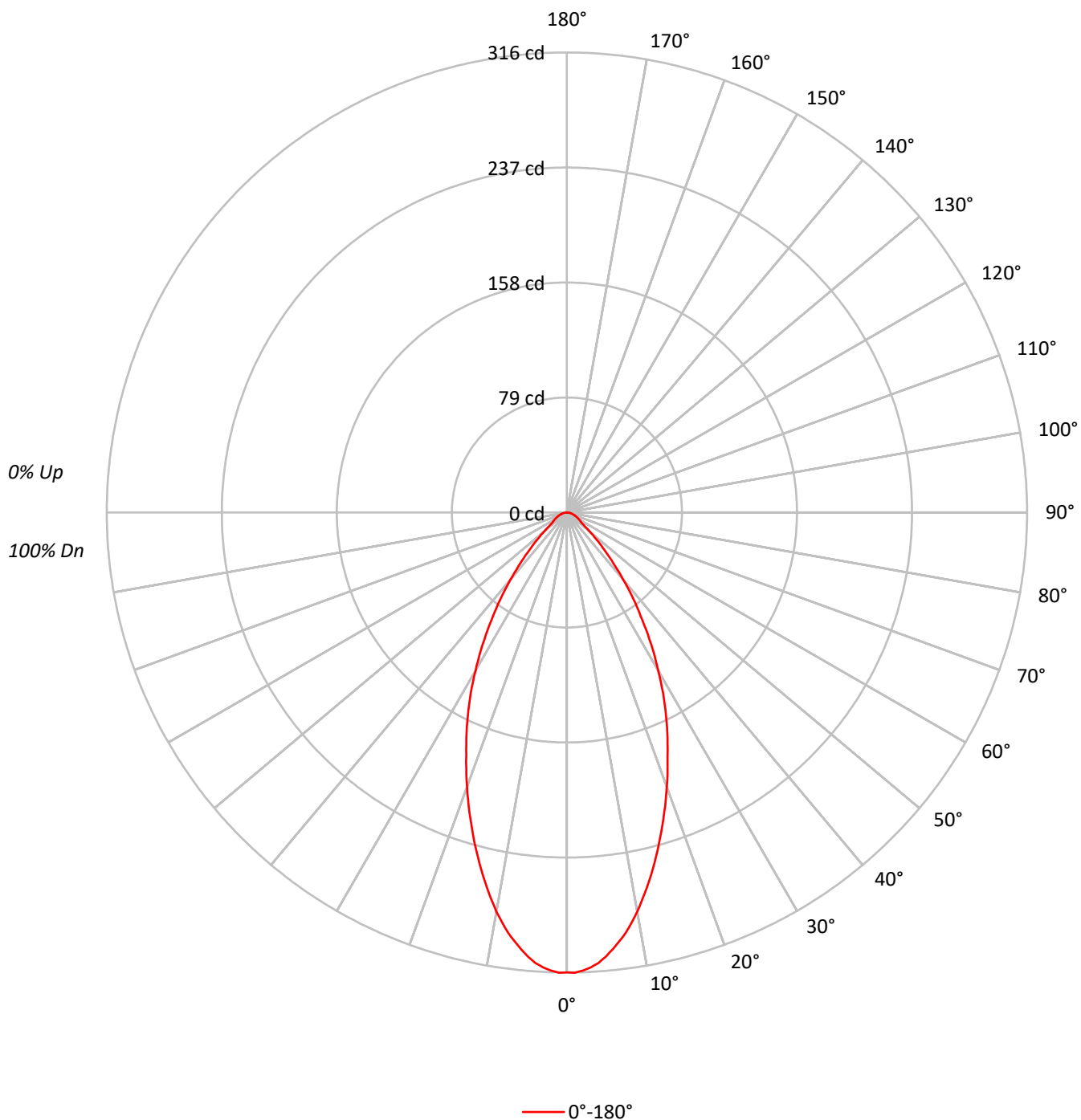
Lumens per Lamp: N/A
Luminaire Lumens: 280.0 lumens
Efficiency: N/A
Efficacy: 19.3 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		90
3	100	93	87	82	98	91	86	82	88	84	80		86	82	79		84
4	94	86	79	75	92	85	79	74	82	77	73		80	76	72		78
5	89	80	73	68	87	79	73	68	77	71	67		75	70	67		73
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		69
7	80	69	63	58	78	69	62	58	67	62	58		66	61	57		65
8	75	65	59	54	74	64	58	54	63	58	54		62	57	53		61
9	72	61	55	50	70	61	55	50	60	54	50		59	54	50		58
10	68	58	51	47	67	57	51	47	56	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	69249
5°	67400
10°	62012
15°	54575
20°	46811
25°	39317
30°	31802
35°	24173
40°	17204
45°	11350
50°	7027
55°	4626
60°	4210
65°	3891
70°	3654
75°	3304
80°	3157
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11350 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.3	10.1
10°-20°	66.9	23.9
20°-30°	74.3	26.5
30°-40°	56.7	20.2
40°-50°	29.0	10.4
50°-60°	11.9	4.3
60°-70°	7.4	2.7
70°-80°	4.2	1.5
80°-90°	1.2	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°	169.6	60.6
0°-40°	226.2	80.8
0°-60°	267.1	95.4
0°-90°	280.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	280.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	316	
5°	306	28
15°	240	67
25°	162	74
35°	90	57
45°	37	29
55°	12	12
65°	8	7
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	315.8
1°	316.2
2°	314.8
3°	313.0
4°	310.2
5°	306.2
6°	301.6
7°	296.6
8°	291.3
9°	284.9
10°	278.5
12.5°	260.0
15°	240.4
17.5°	220.5
20°	200.6
22.5°	180.7
25°	162.5
27.5°	144.4
30°	125.6
32.5°	107.8
35°	90.3
37.5°	75.0
40°	60.1
42.5°	47.3
45°	36.6
47.5°	27.7
50°	20.6
52.5°	15.3
55°	12.1
57.5°	11.0
60°	9.6
62.5°	8.5
65°	7.5
67.5°	6.4
70°	5.7
72.5°	4.6
75°	3.9
77.5°	3.2
80°	2.5
82.5°	1.8
85°	1.1
87.5°	0.4
90°	0.0

(END OF REPORT)