

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: P1269441

Luminaire Tested: P3A09R359740DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269441
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R359740DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 97CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

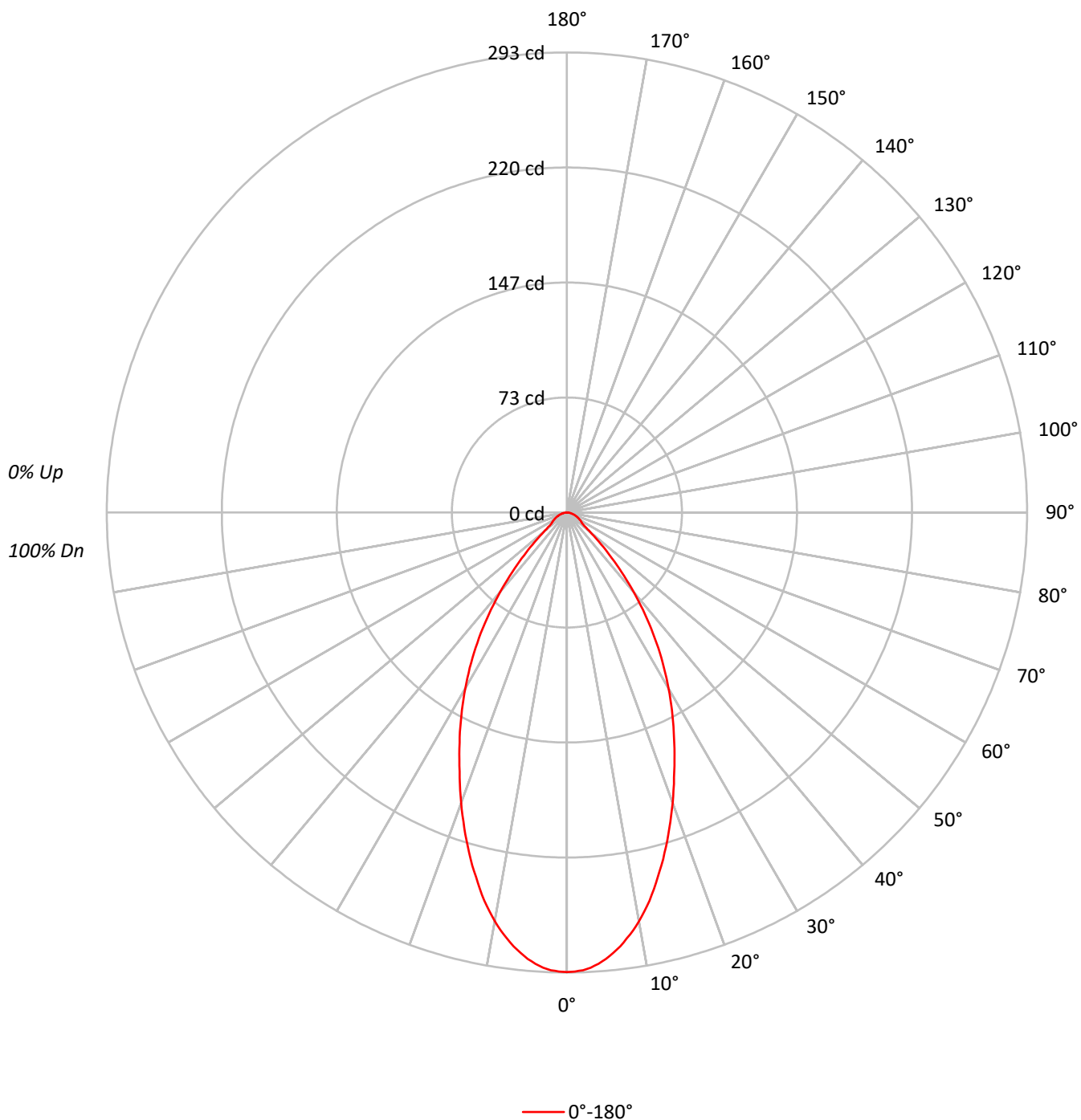
Lumens per Lamp: N/A
Luminaire Lumens: 281.0 lumens
Efficiency: N/A
Efficacy: 25.3 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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	112	109	106	104	110	107	104	102	103	101	99		99	98	96		96
2	106	100	96	92	104	98	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	81	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	75	72		78
5	89	79	73	68	87	78	72	67	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	61		70	65	61		68
7	79	69	62	57	78	68	62	57	67	61	57		65	60	57		64
8	75	64	58	53	74	64	57	53	63	57	53		62	56	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	51	46	66	56	50	46	56	50	46		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	64183
5°	62822
10°	58850
15°	52827
20°	45947
25°	39147
30°	32790
35°	26127
40°	18893
45°	11939
50°	6516
55°	4511
60°	4254
65°	3943
70°	3783
75°	3219
80°	3031
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11939 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.6	9.5
10°-20°	64.7	23.0
20°-30°	74.2	26.4
30°-40°	60.5	21.5
40°-50°	30.5	10.9
50°-60°	11.3	4.0
60°-70°	7.6	2.7
70°-80°	4.2	1.5
80°-90°	1.3	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°	165.5	58.9
0°-40°	226.0	80.5
0°-60°	267.9	95.4
0°-90°	281.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	281.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	293	
5°	285	27
15°	233	65
25°	162	74
35°	98	61
45°	38	31
55°	12	11
65°	8	8
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	292.7
1°	292.4
2°	291.7
3°	290.3
4°	288.2
5°	285.4
6°	282.0
7°	278.5
8°	274.0
9°	269.5
10°	264.3
11°	258.7
12°	252.8
13°	246.2
14°	239.2
15°	232.7
17.5°	214.9
20°	196.9
22.5°	178.5
25°	161.8
27.5°	145.5
30°	129.5
32.5°	113.5
35°	97.6
37.5°	81.6
40°	66.0
42.5°	51.4
45°	38.5
47.5°	27.8
50°	19.1
52.5°	13.9
55°	11.8
57.5°	10.8
60°	9.7
62.5°	8.7
65°	7.6
67.5°	6.6
70°	5.9
72.5°	4.9
75°	3.8
77.5°	3.1
80°	2.4
82.5°	1.7
85°	1.0
87.5°	0.7



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)