

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: P1286849

Luminaire Tested: P3AS09R409030D2WDE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286849
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-22)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R409030D2WDE010 E3DLD1GPH
Description: 3in Adjustable Dim to Warm LED luminaire with, R40 optic, 3000K CCT AND, 90CRI ,
E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

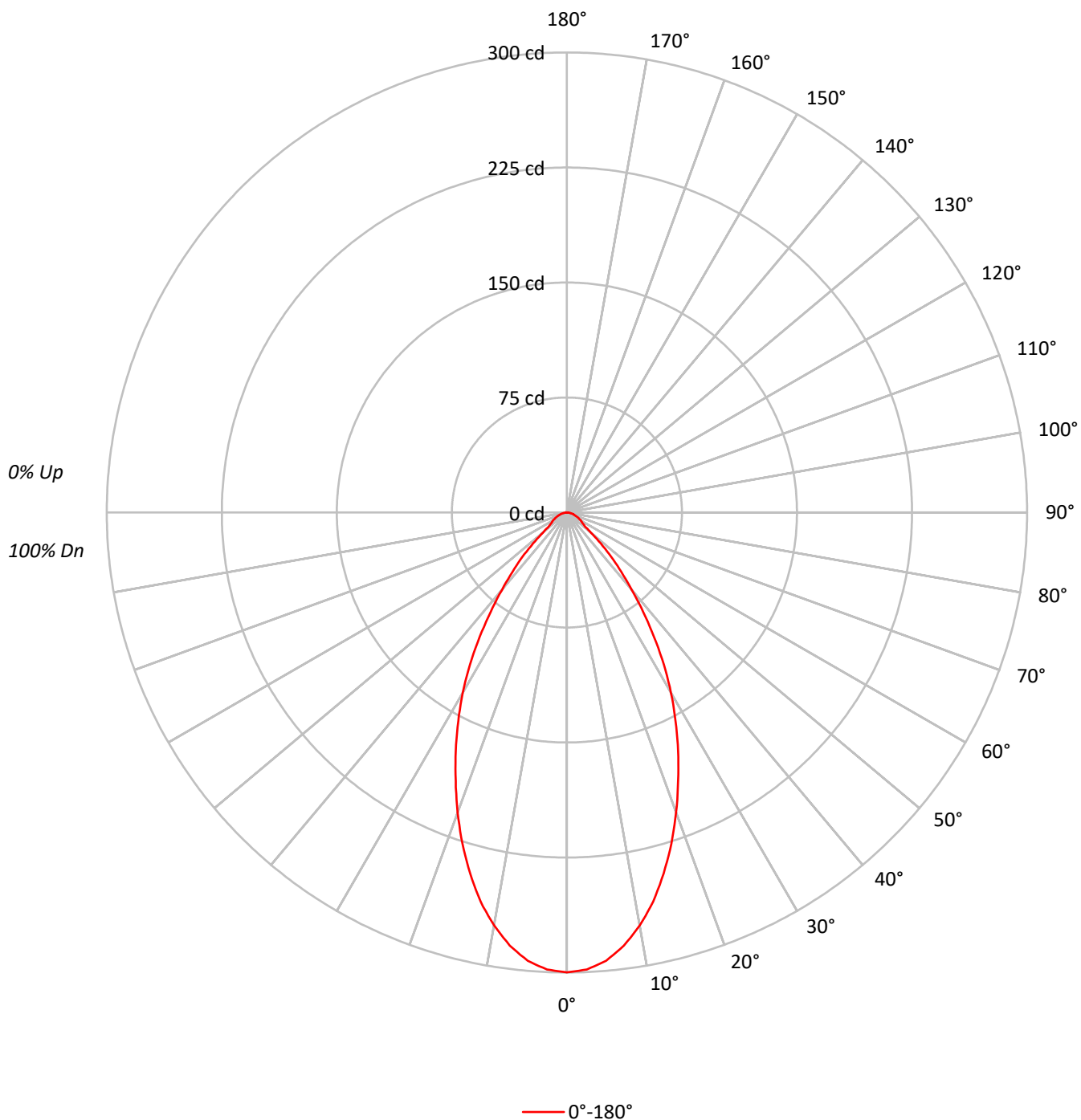
Lumens per Lamp: N/A
Luminaire Lumens: 293.1 lumens
Efficiency: N/A
Efficacy: 19.9 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.7
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°	65762
5°	64583
10°	60876
15°	55301
20°	48584
25°	41470
30°	34360
35°	26502
40°	18864
45°	12714
50°	6925
55°	4893
60°	4605
65°	4255
70°	3783
75°	3643
80°	2904
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12714 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.4	9.3
10°-20°	67.9	23.2
20°-30°	78.4	26.8
30°-40°	61.8	21.1
40°-50°	31.7	10.8
50°-60°	12.2	4.1
60°-70°	8.0	2.7
70°-80°	4.4	1.5
80°-90°	1.3	0.5
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°	173.6	59.3
0°-40°	235.5	80.3
0°-60°	279.3	95.3
0°-90°	293.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	293.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	300	
5°	293	27
15°	244	68
25°	171	78
35°	99	62
45°	41	32
55°	13	12
65°	8	8
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	299.9
2.5°	298.3
5°	293.4
7.5°	284.9
10°	273.4
12.5°	260.0
15°	243.6
17.5°	226.5
20°	208.2
22.5°	189.5
25°	171.4
27.5°	153.4
30°	135.7
32.5°	117.7
35°	99.0
37.5°	81.6
40°	65.9
42.5°	52.4
45°	41.0
47.5°	29.8
50°	20.3
52.5°	14.8
55°	12.8
57.5°	11.5
60°	10.5
62.5°	9.2
65°	8.2
67.5°	6.9
70°	5.9
72.5°	4.9
75°	4.3
77.5°	3.3
80°	2.3
82.5°	2.0
85°	1.0
87.5°	0.7
90°	0.0

(END OF REPORT)