

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: P1269035

Luminaire Tested: P3A05R309740DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269035
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R309740DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 4000K CCT AND, 97CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

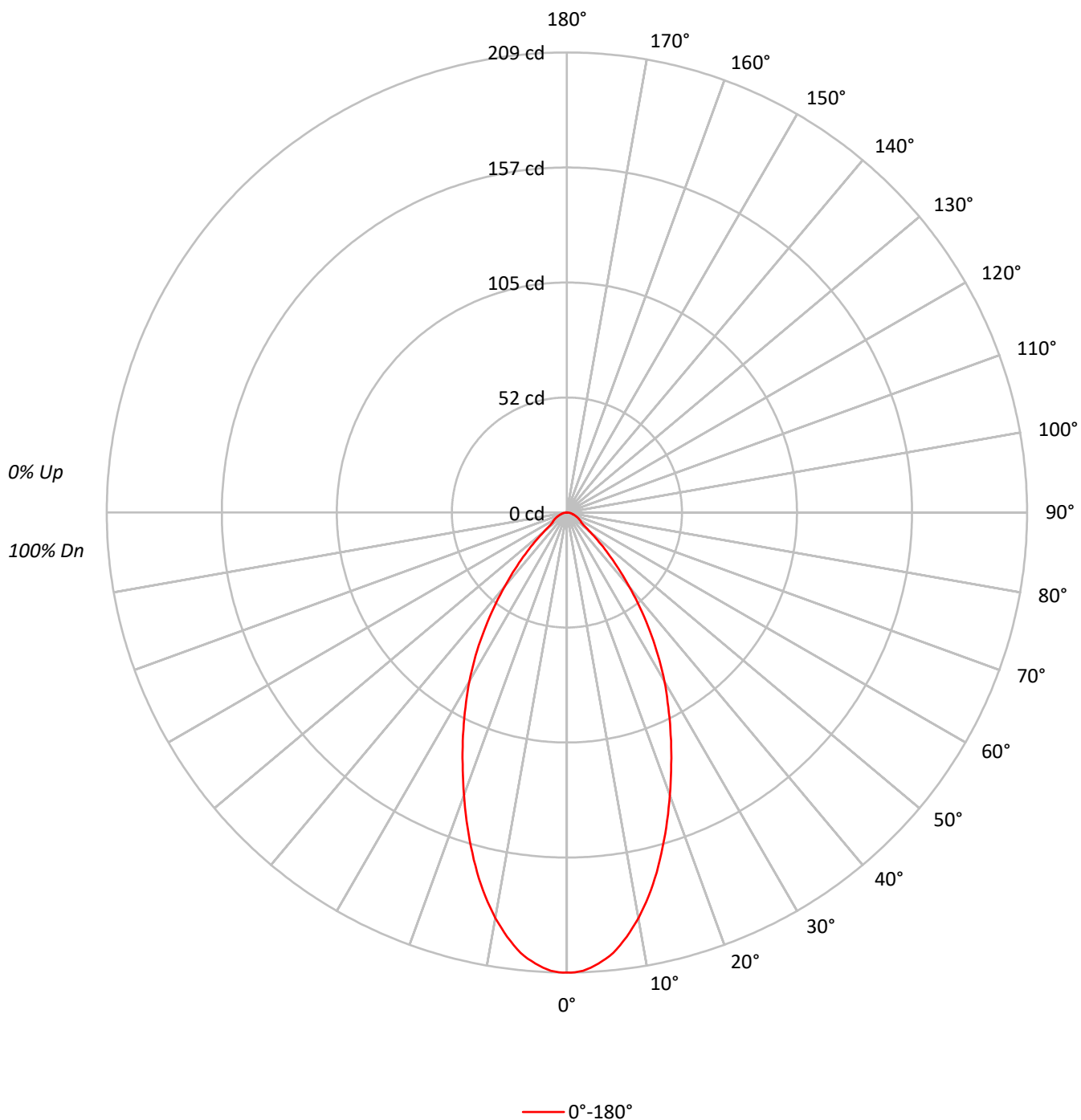
Lumens per Lamp: N/A
Luminaire Lumens: 194.0 lumens
Efficiency: N/A
Efficacy: 26.9 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	82	88	84	80		86	82	79		84
4	94	85	79	74	92	84	79	74	82	77	73		80	76	72		78
5	89	79	73	68	87	78	72	68	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	62		70	65	61		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	54	74	64	58	53	63	57	53		62	57	53		61
9	71	61	54	50	70	60	54	50	59	54	50		58	53	50		57
10	68	57	51	47	67	57	51	47	56	50	47		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	45830
5°	44794
10°	41660
15°	37072
20°	31876
25°	27002
30°	22434
35°	17587
40°	12595
45°	8280
50°	4708
55°	3097
60°	2938
65°	2698
70°	2436
75°	2203
80°	2147
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 8280 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.9	9.7
10°-20°	45.4	23.4
20°-30°	51.2	26.4
30°-40°	40.8	21.1
40°-50°	21.0	10.8
50°-60°	7.9	4.1
60°-70°	5.2	2.7
70°-80°	2.8	1.4
80°-90°	0.8	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°	115.4	59.5
0°-40°	156.3	80.6
0°-60°	185.2	95.5
0°-90°	194.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	194.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	209	
5°	204	19
15°	163	45
25°	112	51
35°	66	41
45°	27	21
55°	8	8
65°	5	5
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	209.0
1°	209.0
2°	208.3
3°	207.1
4°	205.4
5°	203.5
6°	201.2
7°	198.1
8°	194.7
9°	190.9
10°	187.1
11°	182.8
12°	178.3
13°	173.5
14°	168.5
15°	163.3
17.5°	150.0
20°	136.6
22.5°	123.8
25°	111.6
27.5°	99.7
30°	88.6
32.5°	77.1
35°	65.7
37.5°	54.5
40°	44.0
42.5°	34.8
45°	26.7
47.5°	19.8
50°	13.8
52.5°	9.8
55°	8.1
57.5°	7.4
60°	6.7
62.5°	6.0
65°	5.2
67.5°	4.5
70°	3.8
72.5°	3.1
75°	2.6
77.5°	2.1
80°	1.7
82.5°	1.2
85°	0.7
87.5°	0.2



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)