

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: P1251966

Luminaire Tested: P3AS13R309030DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251966
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: P3AS13R309030DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

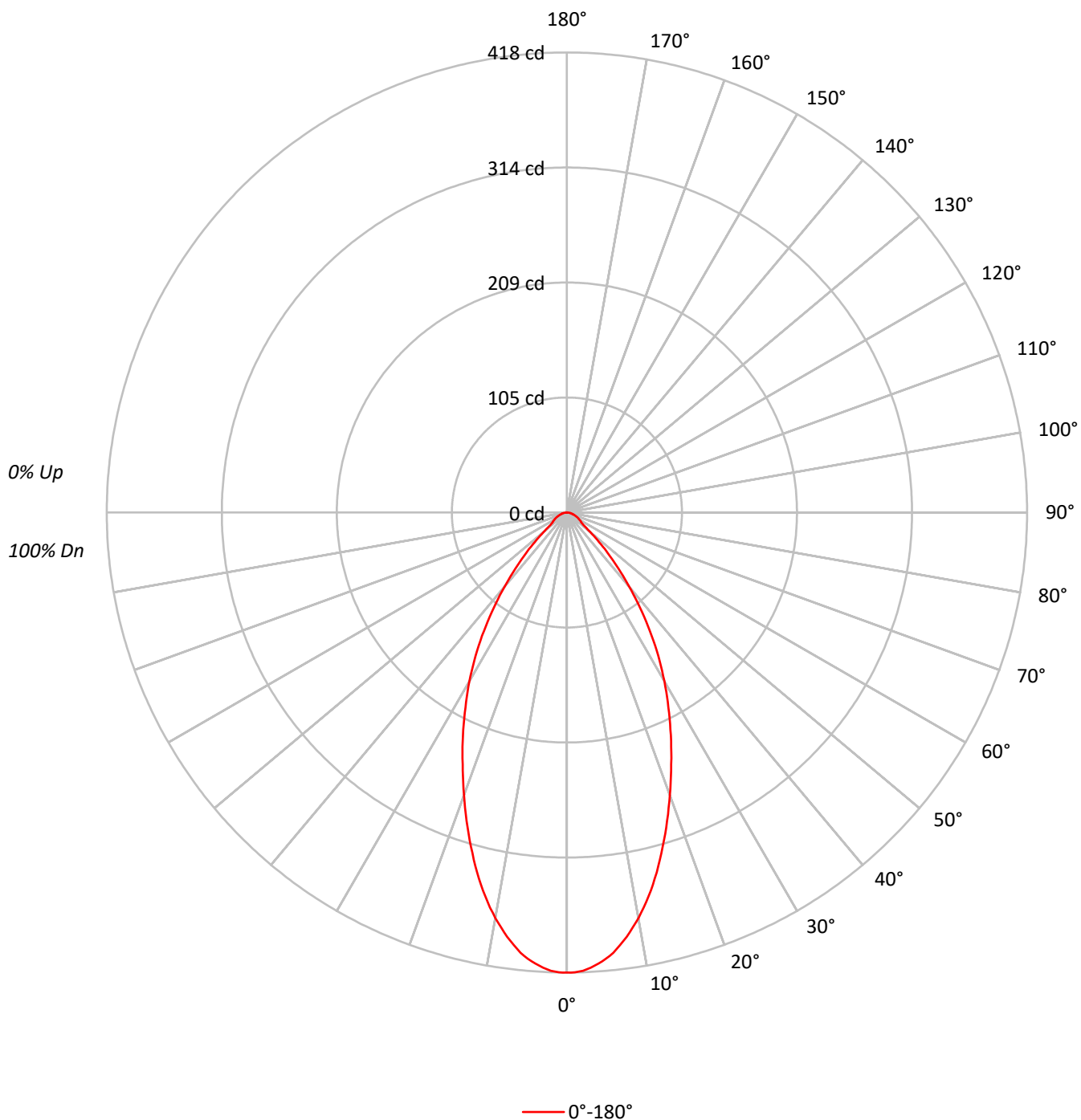
Lumens per Lamp: N/A
Luminaire Lumens: 388.0 lumens
Efficiency: N/A
Efficacy: 26.6 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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
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°	91659
5°	89610
10°	83321
15°	74143
20°	63776
25°	54027
30°	44842
35°	35175
40°	25219
45°	16529
50°	9415
55°	6193
60°	5833
65°	5448
70°	4873
75°	4406
80°	4167
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16529 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	37.8	9.7
10°-20°	90.8	23.4
20°-30°	102.3	26.4
30°-40°	81.7	21.1
40°-50°	42.0	10.8
50°-60°	15.8	4.1
60°-70°	10.3	2.7
70°-80°	5.6	1.4
80°-90°	1.6	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°	230.9	59.5
0°-40°	312.6	80.6
0°-60°	370.4	95.5
0°-90°	388.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	388.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	418	
5°	407	38
15°	327	91
25°	223	102
35°	131	82
45°	53	42
55°	16	16
65°	10	10
75°	5	6
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	418.0
1°	418.0
2°	416.6
3°	414.2
4°	410.9
5°	407.1
6°	402.3
7°	396.1
8°	389.5
9°	381.8
10°	374.2
11°	365.7
12°	356.6
13°	347.1
14°	337.1
15°	326.6
17.5°	300.0
20°	273.3
22.5°	247.6
25°	223.3
27.5°	199.5
30°	177.1
32.5°	154.3
35°	131.4
37.5°	109.0
40°	88.1
42.5°	69.5
45°	53.3
47.5°	39.5
50°	27.6
52.5°	19.5
55°	16.2
57.5°	14.8
60°	13.3
62.5°	11.9
65°	10.5
67.5°	9.0
70°	7.6
72.5°	6.2
75°	5.2
77.5°	4.3
80°	3.3
82.5°	2.4
85°	1.4
87.5°	0.5



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)