

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: P1257381

Luminaire Tested: P3AS13R309040DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257381
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: P3AS13R309040DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R30 optic, 4000K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

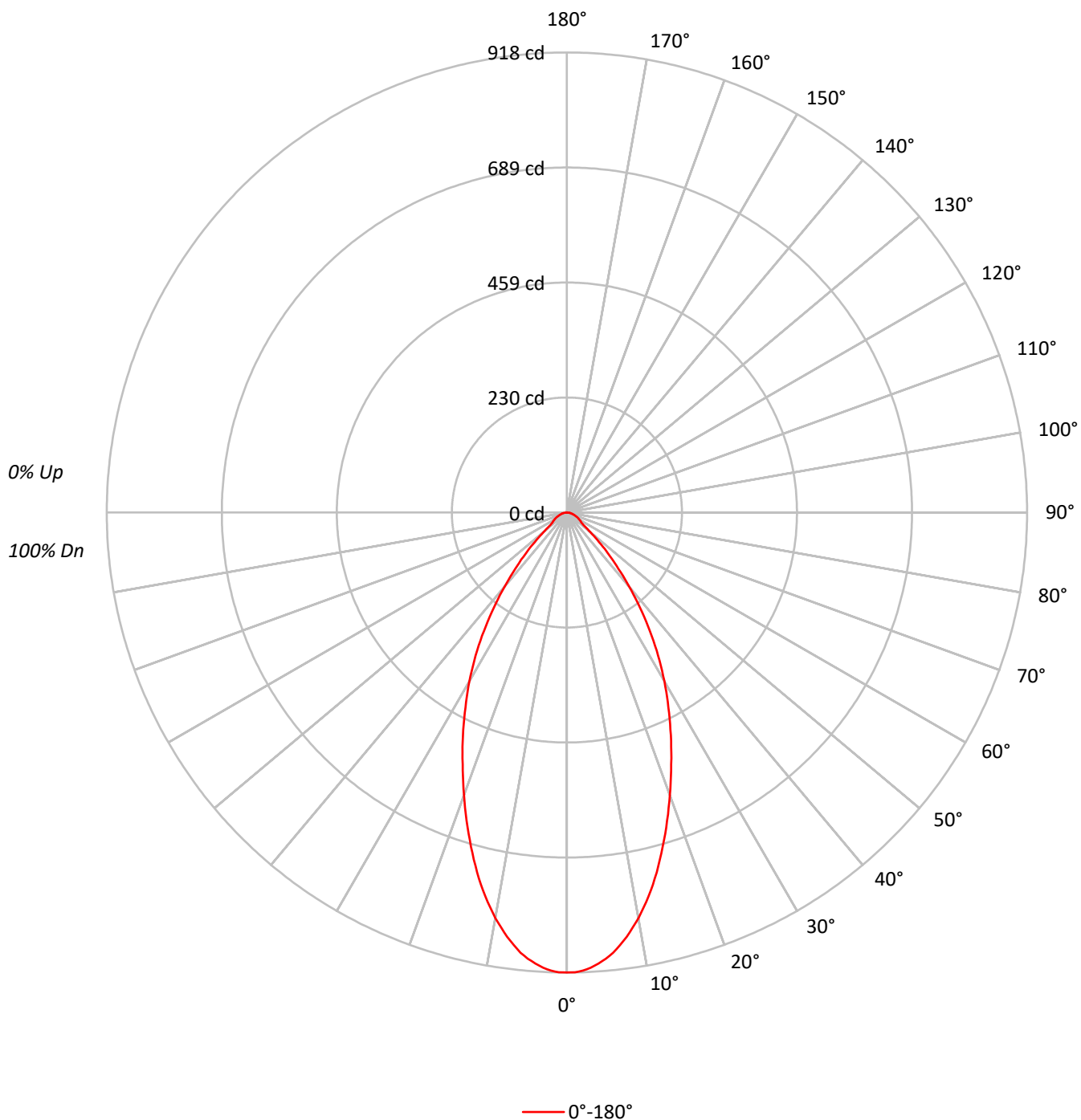
Lumens per Lamp: N/A
Luminaire Lumens: 852.0 lumens
Efficiency: N/A
Efficacy: 58.4 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	201278
5°	196764
10°	182985
15°	162816
20°	140036
25°	118628
30°	98471
35°	77256
40°	55361
45°	36314
50°	20673
55°	13572
60°	12850
65°	11934
70°	10707
75°	9743
80°	9218
85°	7799

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 36314 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	83.0	9.7
10°-20°	199.4	23.4
20°-30°	224.7	26.4
30°-40°	179.4	21.1
40°-50°	92.2	10.8
50°-60°	34.7	4.1
60°-70°	22.8	2.7
70°-80°	12.3	1.4
80°-90°	3.5	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°	507.1	59.5
0°-40°	686.5	80.6
0°-60°	813.4	95.5
0°-90°	852.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	852.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	918	
5°	894	83
15°	717	199
25°	490	225
35°	289	179
45°	117	92
55°	36	35
65°	23	23
75°	12	12
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	917.9
1°	917.9
2°	914.8
3°	909.6
4°	902.3
5°	893.9
6°	883.4
7°	869.8
8°	855.2
9°	838.5
10°	821.8
11°	802.9
12°	783.1
13°	762.2
14°	740.2
15°	717.2
17.5°	658.7
20°	600.1
22.5°	543.7
25°	490.3
27.5°	438.1
30°	388.9
32.5°	338.7
35°	288.6
37.5°	239.4
40°	193.4
42.5°	152.6
45°	117.1
47.5°	86.8
50°	60.6
52.5°	42.9
55°	35.5
57.5°	32.4
60°	29.3
62.5°	26.1
65°	23.0
67.5°	19.9
70°	16.7
72.5°	13.6
75°	11.5
77.5°	9.4
80°	7.3
82.5°	5.2
85°	3.1
87.5°	1.0



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)