

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: P1252028

Luminaire Tested: P3AS13R409030DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252028
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: P3AS13R409030DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R40 optic, 3000K CCT AND, 90CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

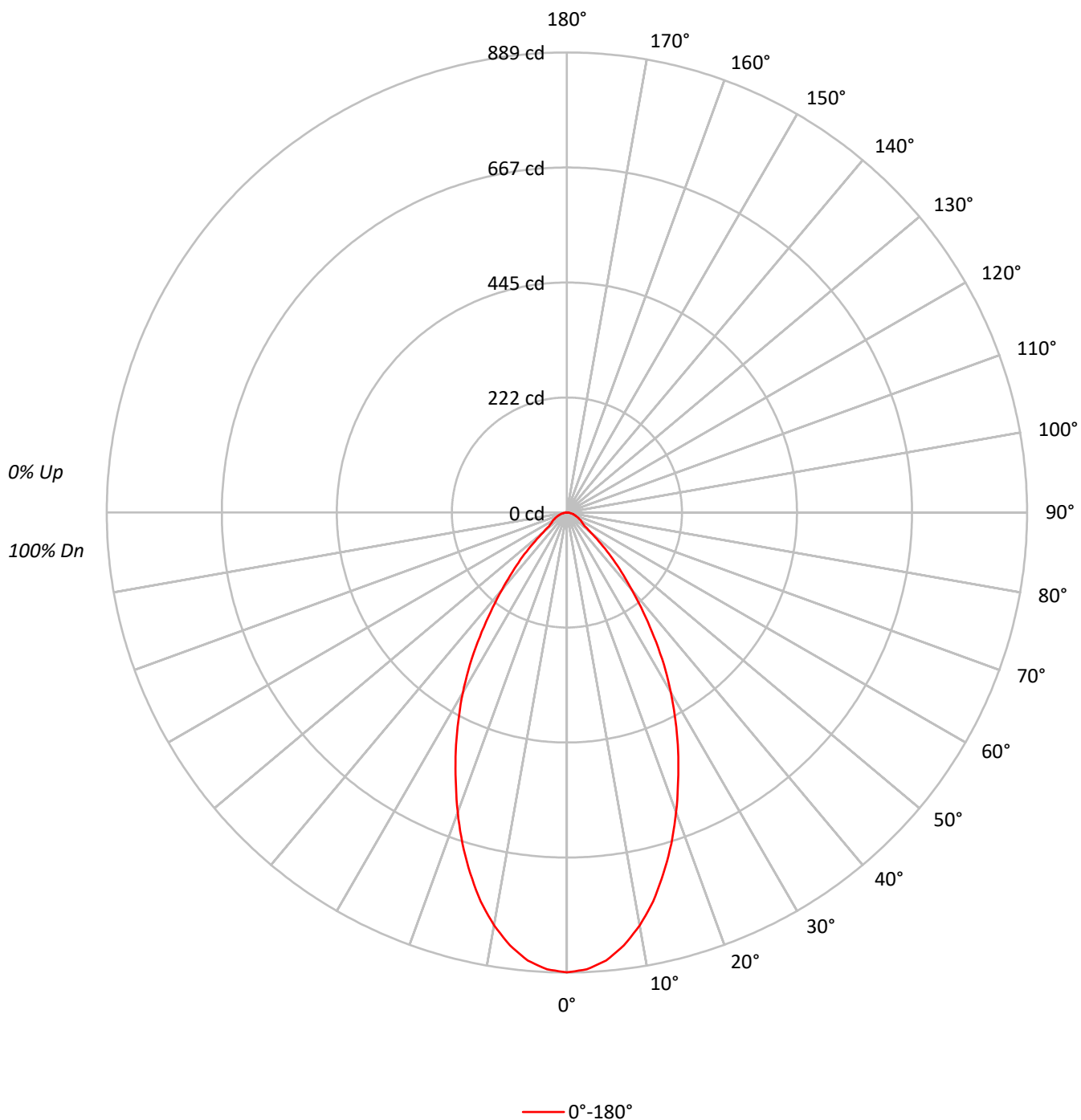
Lumens per Lamp: N/A
Luminaire Lumens: 868.0 lumens
Efficiency: N/A
Efficacy: 59.5 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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	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°	194853
5°	191327
10°	180335
15°	163792
20°	143909
25°	122886
30°	101788
35°	78514
40°	55876
45°	37647
50°	20537
55°	14489
60°	13639
65°	12608
70°	11220
75°	10675
80°	8587
85°	7296

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 37647 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	81.1	9.3
10°-20°	201.0	23.2
20°-30°	232.4	26.8
30°-40°	183.1	21.1
40°-50°	94.0	10.8
50°-60°	35.9	4.1
60°-70°	23.8	2.7
70°-80°	12.9	1.5
80°-90°	3.8	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°	514.4	59.3
0°-40°	697.5	80.4
0°-60°	827.5	95.3
0°-90°	868.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	868.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	889	
5°	869	81
15°	722	201
25°	508	232
35°	293	183
45°	121	94
55°	38	36
65°	24	24
75°	13	13
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	888.6
2.5°	883.7
5°	869.2
7.5°	843.9
10°	809.9
12.5°	770.1
15°	721.5
17.5°	671.0
20°	616.7
22.5°	561.3
25°	507.9
27.5°	454.5
30°	402.0
32.5°	348.6
35°	293.3
37.5°	241.8
40°	195.2
42.5°	155.4
45°	121.4
47.5°	88.4
50°	60.2
52.5°	43.7
55°	37.9
57.5°	34.0
60°	31.1
62.5°	27.2
65°	24.3
67.5°	20.4
70°	17.5
72.5°	14.6
75°	12.6
77.5°	9.7
80°	6.8
82.5°	5.8
85°	2.9
87.5°	1.9
90°	0.0

(END OF REPORT)