

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: P1249141

Luminaire Tested: P3AS13R129027DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1249141
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R129027DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R12 optic, 2700K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

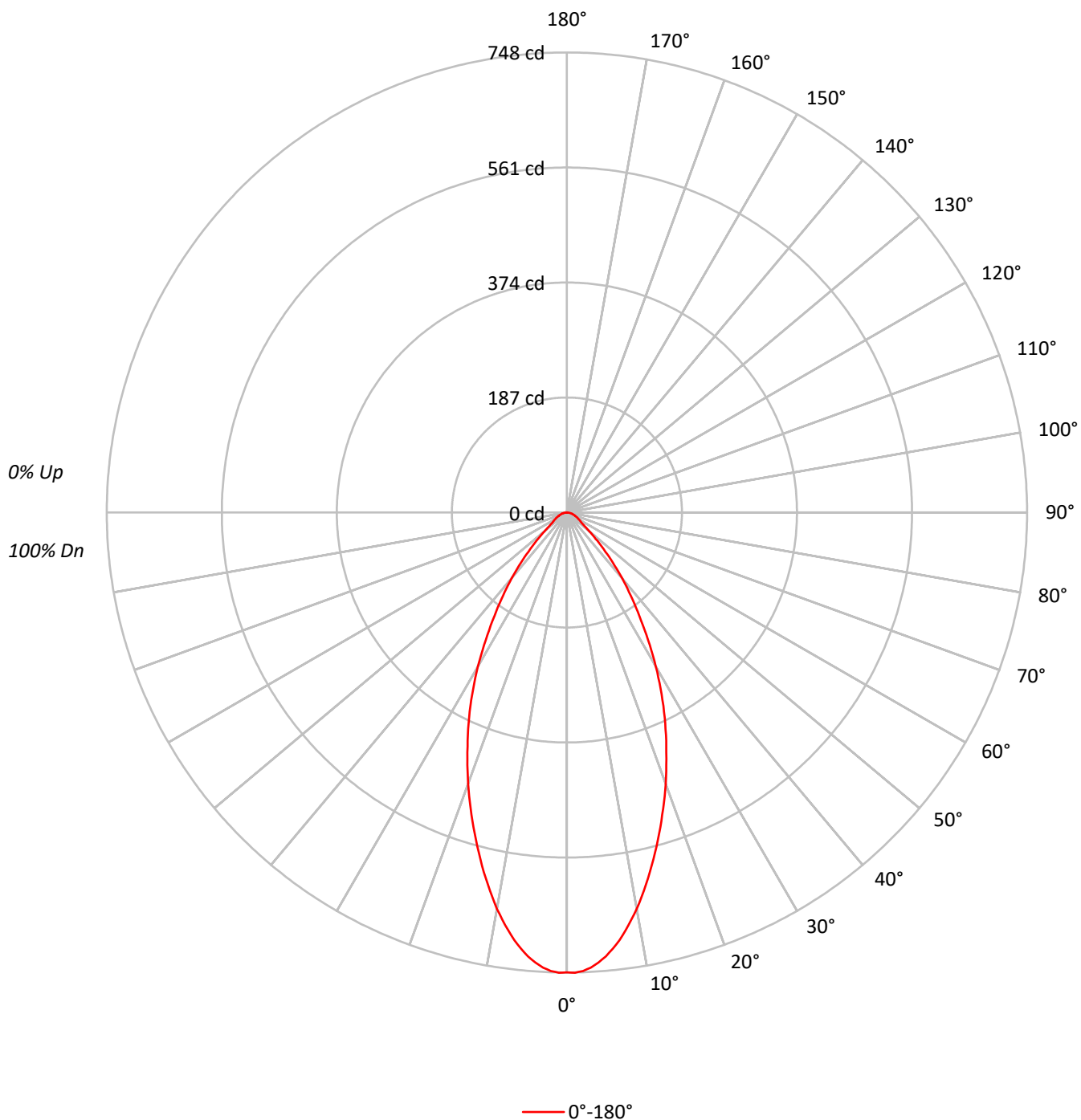
Lumens per Lamp: N/A
Luminaire Lumens: 650.0 lumens
Efficiency: N/A
Efficacy: 41.9 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 15.5
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	113	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	95	91	95	92	89		92	90	87		90
3	100	93	87	83	98	91	86	82	89	84	81		86	82	79		84
4	94	86	80	75	92	85	79	74	82	77	73		80	76	73		78
5	89	80	73	68	87	79	73	68	77	72	67		75	70	67		74
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		69
7	80	69	63	58	78	69	63	58	67	62	58		66	61	57		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	57	51	47	57	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	163956
5°	159498
10°	145755
15°	127674
20°	109536
25°	91457
30°	73176
35°	54877
40°	39846
45°	26049
50°	16307
55°	11010
60°	9736
65°	8976
70°	8463
75°	7710
80°	7324
85°	6290

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 26049 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	66.9	10.3
10°-20°	156.7	24.1
20°-30°	172.7	26.6
30°-40°	129.3	19.9
40°-50°	67.0	10.3
50°-60°	27.8	4.3
60°-70°	17.2	2.6
70°-80°	9.7	1.5
80°-90°	2.8	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°	396.2	61.0
0°-40°	525.5	80.8
0°-60°	620.3	95.4
0°-90°	650.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	650.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	748	
5°	725	67
15°	562	157
25°	378	173
35°	205	129
45°	84	67
55°	29	28
65°	17	17
75°	9	10
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	747.7
1°	748.5
2°	746.0
3°	741.1
4°	733.7
5°	724.6
6°	713.1
7°	700.8
8°	685.9
9°	670.3
10°	654.6
12.5°	609.4
15°	562.4
17.5°	515.5
20°	469.4
22.5°	422.4
25°	378.0
27.5°	333.5
30°	289.0
32.5°	245.4
35°	205.0
37.5°	170.5
40°	139.2
42.5°	110.3
45°	84.0
47.5°	63.4
50°	47.8
52.5°	35.4
55°	28.8
57.5°	25.5
60°	22.2
62.5°	19.8
65°	17.3
67.5°	14.8
70°	13.2
72.5°	10.7
75°	9.1
77.5°	7.4
80°	5.8
82.5°	4.1
85°	2.5
87.5°	0.8
90°	0.0

(END OF REPORT)