

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: P1260239

Luminaire Tested: P3AS17R129050DE010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260239
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R129050DE010 E3DLP1H
Description: 3in Adjustable LED luminaire with, R12 optic, 5000K CCT AND, 90CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

Summary

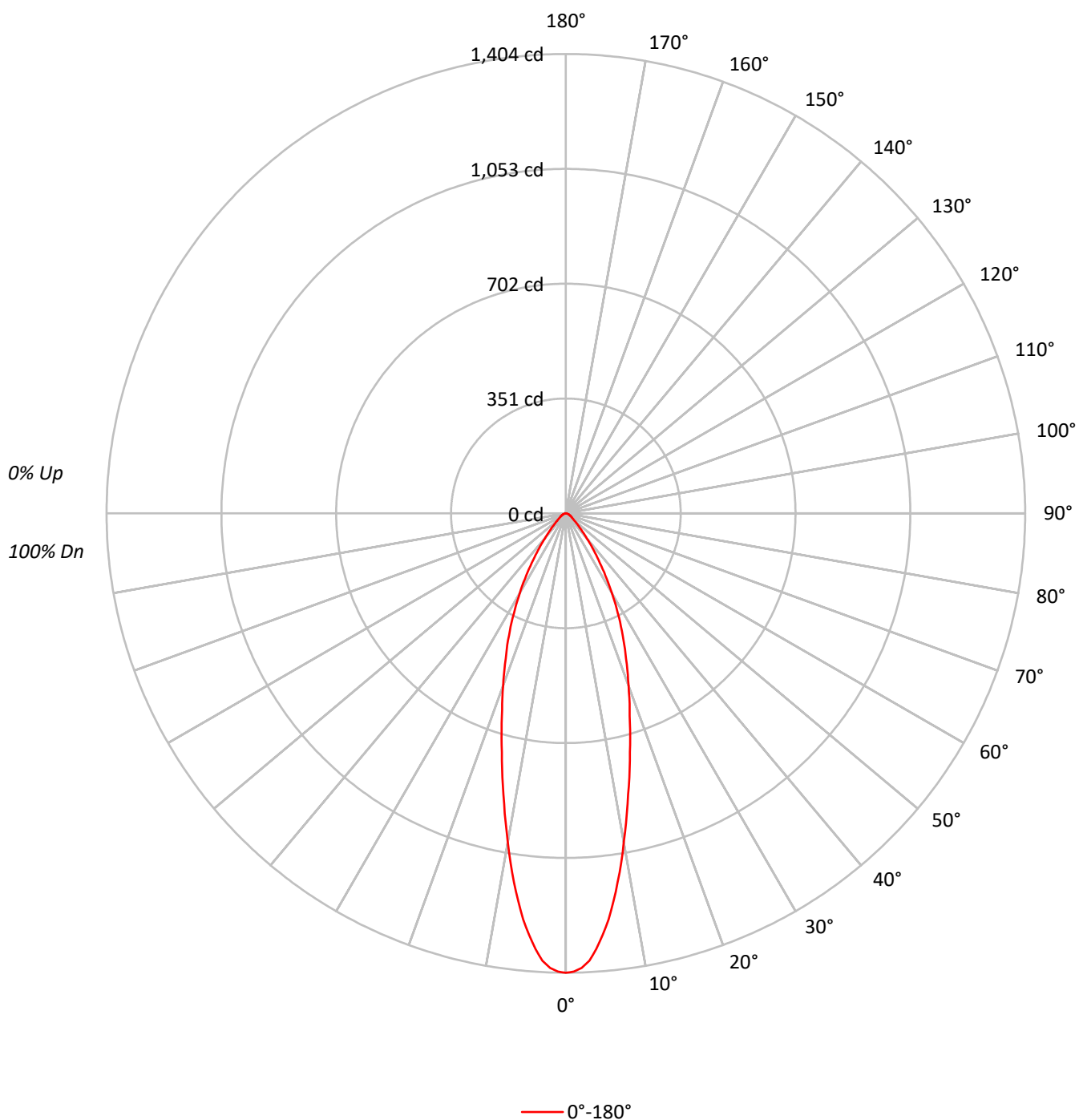
Lumens per Lamp: N/A
Luminaire Lumens: 714.0 lumens
Efficiency: N/A
Efficacy: 31.2 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 22.9
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	110	108	106	111	108	106	104	104	102	101		100	99	98		97
2	108	103	98	95	105	101	97	94	98	95	92		95	92	90		92
3	102	96	91	87	100	94	90	86	92	88	85		89	86	83		87
4	97	90	84	80	95	88	83	79	86	82	78		84	81	78		82
5	93	84	78	74	91	83	78	74	81	77	73		80	76	72		78
6	88	79	73	69	87	79	73	69	77	72	69		76	71	68		74
7	84	75	69	65	83	74	69	65	73	68	64		72	67	64		71
8	80	71	65	61	79	71	65	61	69	64	61		68	64	61		67
9	77	68	62	58	76	67	62	58	66	61	58		65	61	57		64
10	74	64	59	55	73	64	59	55	63	58	55		62	58	55		62

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	307892
5°	284569
10°	227184
15°	171624
20°	130678
25°	99586
30°	71327
35°	46552
40°	28539
45°	17273
50°	11462
55°	8869
60°	7631
65°	6641
70°	5963
75°	5931
80°	4420
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17273 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	114.5	16.0
10°-20°	211.3	29.6
20°-30°	188.1	26.3
30°-40°	111.3	15.6
40°-50°	45.7	6.4
50°-60°	21.4	3.0
60°-70°	13.1	1.8
70°-80°	6.9	1.0
80°-90°	1.8	0.2
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°	513.9	72.0
0°-40°	625.2	87.6
0°-60°	692.3	97.0
0°-90°	714.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	714.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1404	
5°	1293	115
15°	756	211
25°	412	188
35°	174	111
45°	56	46
55°	23	21
65°	13	13
75°	7	7
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1404.1
1°	1400.6
2°	1390.2
3°	1369.3
4°	1334.5
5°	1292.8
6°	1247.6
7°	1194.2
8°	1138.6
9°	1081.8
10°	1020.3
12.5°	880.0
15°	756.0
17.5°	649.3
20°	560.0
22.5°	481.2
25°	411.6
27.5°	344.4
30°	281.7
32.5°	224.9
35°	173.9
37.5°	133.3
40°	99.7
42.5°	74.2
45°	55.7
47.5°	42.9
50°	33.6
52.5°	27.8
55°	23.2
57.5°	19.7
60°	17.4
62.5°	15.1
65°	12.8
67.5°	11.6
70°	9.3
72.5°	8.1
75°	7.0
77.5°	4.6
80°	3.5
82.5°	2.3
85°	1.2
87.5°	1.2
90°	0.0

(END OF REPORT)