

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: P1248358

Luminaire Tested: P3AS05R129027DE010 E3DLD1H

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1248358  
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: P3AS05R129027DE010 E3DLD1H  
Description: 3in Adjustable LED luminaire with, R12 optic, 2700K CCT AND, 90CRI , E3DLD1H TRIM  
Light Source: -  
Ballast/Driver: -

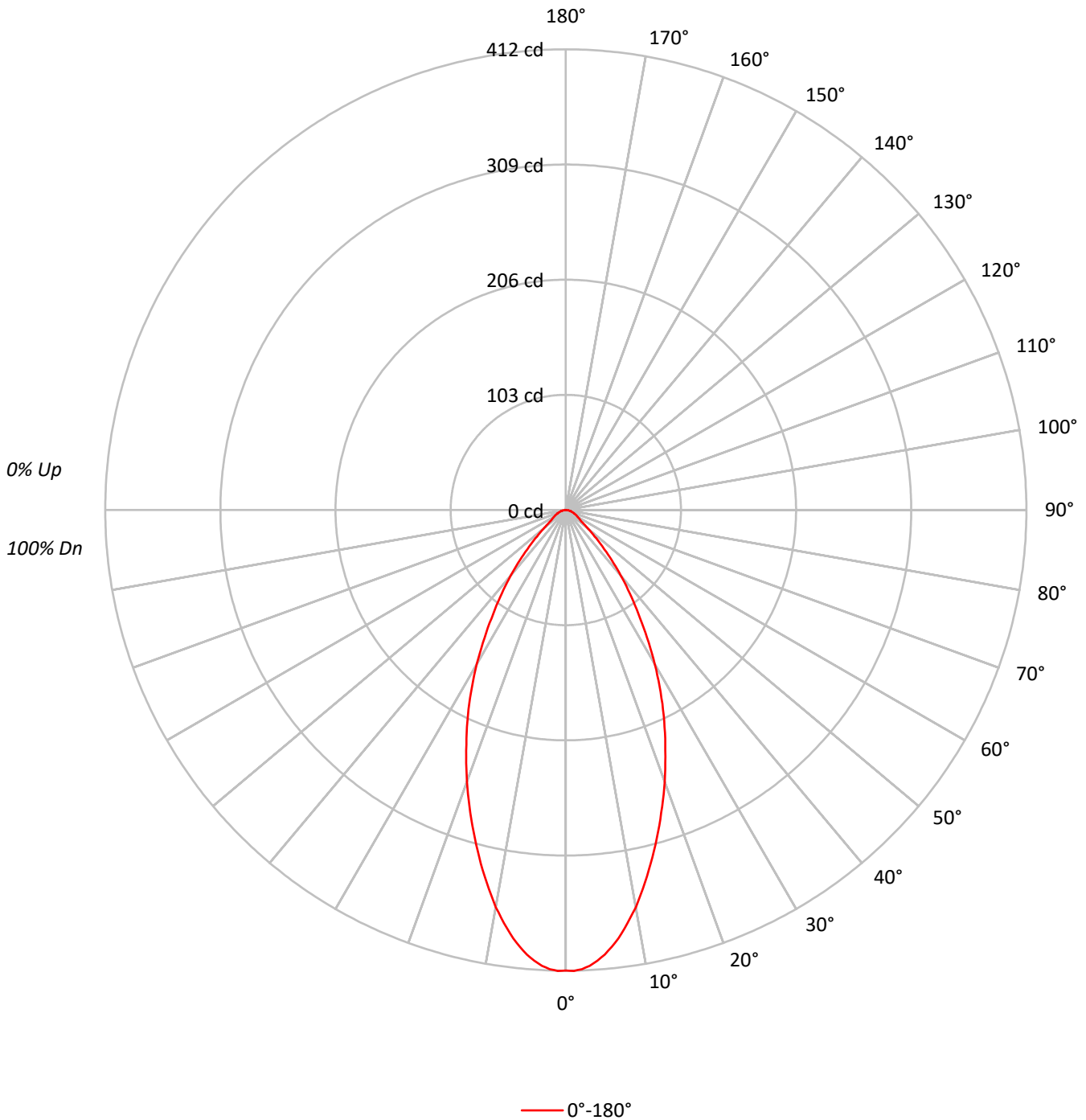
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 358.1 lumens  
Efficiency: N/A  
Efficacy: 47.1 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): 7.6  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			100
1	113	109	106	104	110	107	105	102	103	101	99	99	98	96	96	95	93	91			91
2	106	100	96	92	104	99	95	91	95	92	89	92	90	87	90	87	85	83			83
3	100	93	87	83	98	91	86	82	89	84	81	86	82	79	84	81	78	76			76
4	94	86	80	75	92	85	79	74	82	77	73	80	76	73	78	75	72	70			70
5	89	80	73	68	87	79	73	68	77	72	67	75	70	67	74	69	66	65			65
6	84	74	68	63	83	73	67	63	72	66	62	70	66	62	69	65	61	60			60
7	80	69	63	58	78	69	63	58	67	62	58	66	61	57	65	61	57	56			56
8	76	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52			52
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49			49
10	68	58	52	47	67	57	51	47	57	51	47	56	51	47	55	50	47	46			46

**AVERAGE LUMINANCE (cd/sqm):**

	0°
0°	90300
5°	87849
10°	80292
15°	70330
20°	60322
25°	50374
30°	40310
35°	30222
40°	21927
45°	14358
50°	8972
55°	6079
60°	5350
65°	4929
70°	4680
75°	4236
80°	4041
85°	3522

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 14358 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	36.8	10.3
10°-20°	86.3	24.1
20°-30°	95.1	26.6
30°-40°	71.2	19.9
40°-50°	36.9	10.3
50°-60°	15.3	4.3
60°-70°	9.5	2.6
70°-80°	5.3	1.5
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°	218.2	60.9
0°-40°	289.5	80.8
0°-60°	341.7	95.4
0°-90°	358.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	358.1	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	412	
5°	399	37
15°	310	86
25°	208	95
35°	113	71
45°	46	37
55°	16	15
65°	10	9
75°	5	5
85°	1	2
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	411.8
1°	412.3
2°	410.9
3°	408.2
4°	404.1
5°	399.1
6°	392.8
7°	386.0
8°	377.8
9°	369.2
10°	360.6
12.5°	335.6
15°	309.8
17.5°	283.9
20°	258.5
22.5°	232.7
25°	208.2
27.5°	183.7
30°	159.2
32.5°	135.2
35°	112.9
37.5°	93.9
40°	76.6
42.5°	60.8
45°	46.3
47.5°	34.9
50°	26.3
52.5°	19.5
55°	15.9
57.5°	14.1
60°	12.2
62.5°	10.9
65°	9.5
67.5°	8.2
70°	7.3
72.5°	5.9
75°	5.0
77.5°	4.1
80°	3.2
82.5°	2.3
85°	1.4
87.5°	0.5
90°	0.0

(END OF REPORT)