

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: P1273513

Luminaire Tested: P3A05R609830DE010 E3DLP1H

Issue Date: 1/30/2026

**Test Information**

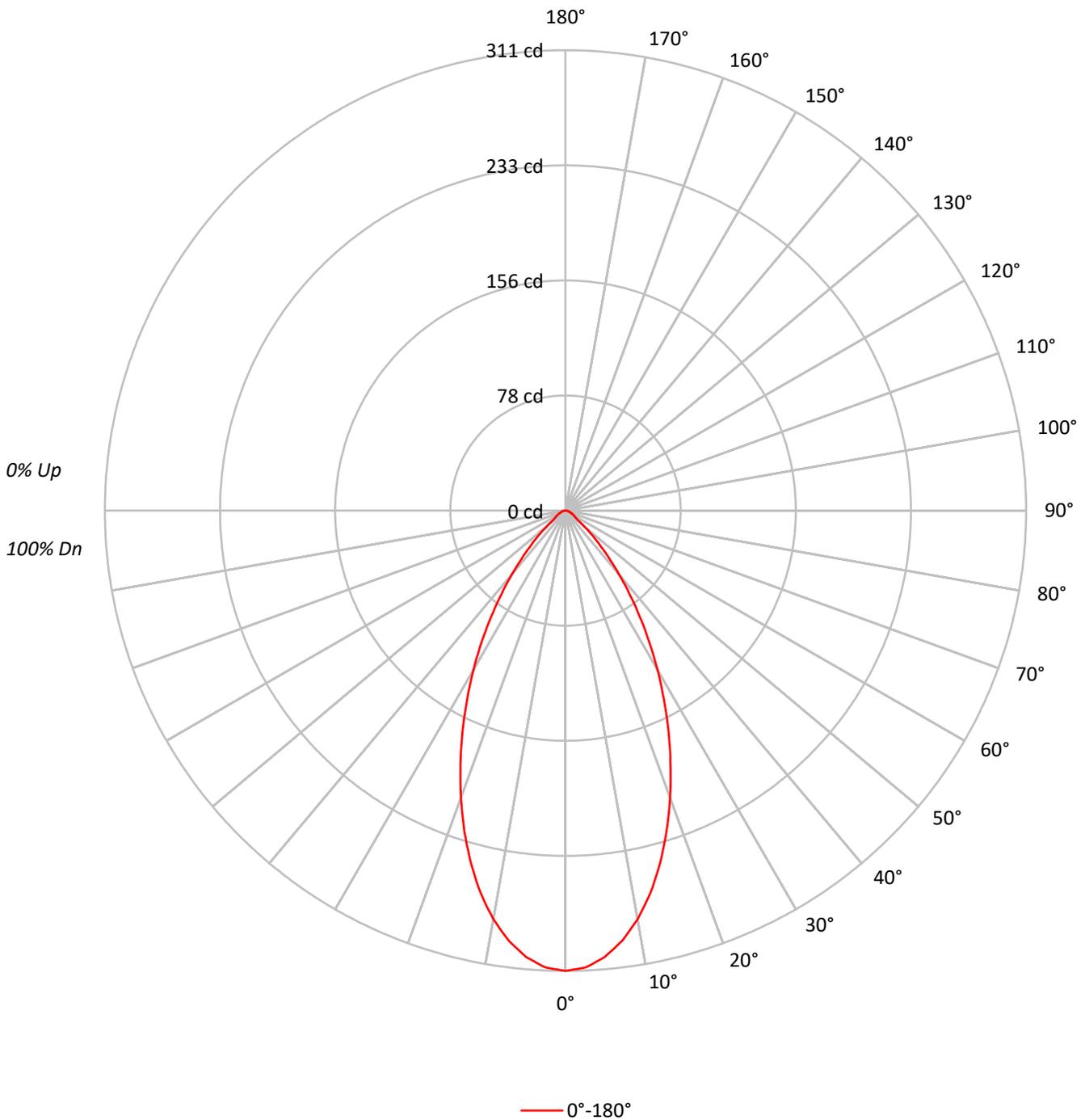
Test Method: LM-79-2019  
Report Number: P1273513  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-37)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A05R609830DE010 E3DLP1H  
Description: 3in Adjustable LED luminaire with, R60 optic, 3000K CCT AND, 98CRI , E3DLP1H TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 269.0 lumens  
Efficiency: N/A  
Efficacy: 37.4 lumens/watt  
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 7.2  
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			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			
1	113	110	107	105	110	108	105	103	104	102	100	100	98	97	96	95	94	92			
2	107	101	97	93	104	100	96	92	96	93	90	93	91	88	91	88	86	85			
3	101	94	88	84	99	92	87	83	90	86	82	87	84	81	85	82	80	78			
4	95	87	81	77	93	86	80	76	84	79	75	82	78	74	80	76	73	72			
5	90	81	75	70	88	80	74	70	78	73	69	77	72	69	75	71	68	66			
6	85	76	69	65	84	75	69	65	73	68	64	72	67	64	71	66	63	62			
7	81	71	65	60	79	70	64	60	69	64	60	68	63	59	67	62	59	57			
8	77	67	60	56	75	66	60	56	65	60	56	64	59	55	63	58	55	54			
9	73	63	57	52	72	62	56	52	61	56	52	60	55	52	60	55	52	50			
10	69	59	53	49	68	59	53	49	58	53	49	57	52	49	56	52	49	47			

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

	0°
0°	68174
5°	66652
10°	62390
15°	55982
20°	48141
25°	39801
30°	31448
35°	23343
40°	16087
45°	10079
50°	5561
55°	3250
60°	2938
65°	2491
70°	2116
75°	2203
80°	1894
85°	1761

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 10079 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	28.2	10.5
10°-20°	68.5	25.5
20°-30°	75.1	27.9
30°-40°	54.7	20.3
40°-50°	25.9	9.6
50°-60°	8.5	3.1
60°-70°	4.8	1.8
70°-80°	2.6	1.0
80°-90°	0.8	0.3
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°	171.8	63.9
0°-40°	226.5	84.2
0°-60°	260.8	97.0
0°-90°	269.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	269.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	311	
5°	303	28
15°	247	68
25°	164	75
35°	87	55
45°	32	26
55°	8	8
65°	5	5
75°	3	3
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	310.9
2.5°	309.0
5°	302.8
7.5°	293.1
10°	280.2
12.5°	264.7
15°	246.6
17.5°	227.0
20°	206.3
22.5°	185.2
25°	164.5
27.5°	143.8
30°	124.2
32.5°	105.4
35°	87.2
37.5°	71.0
40°	56.2
42.5°	43.3
45°	32.5
47.5°	23.7
50°	16.3
52.5°	10.7
55°	8.5
57.5°	7.4
60°	6.7
62.5°	5.5
65°	4.8
67.5°	4.1
70°	3.3
72.5°	3.0
75°	2.6
77.5°	1.8
80°	1.5
82.5°	1.1
85°	0.7
87.5°	0.4
90°	0.0

(END OF REPORT)