

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: P1251217

Luminaire Tested: P3AS05R359030DE010 E3DLP1GPH

Issue Date: 1/30/2026

**Test Information**

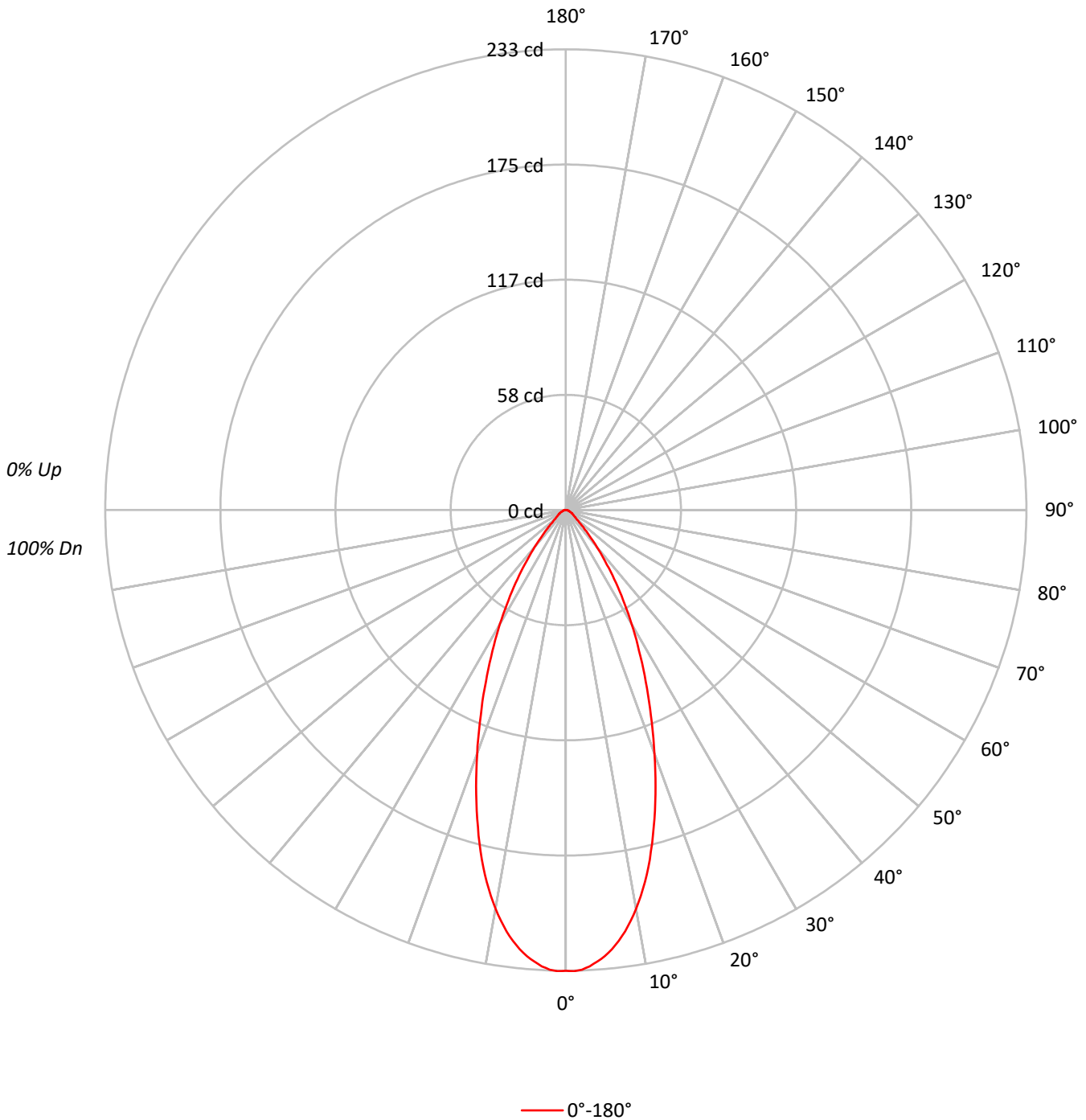
Test Method: LM-79-2019  
Report Number: P1251217  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS05R359030DE010 E3DLP1GPH  
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , E3DLP1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 159.0 lumens  
Efficiency: N/A  
Efficacy: 22.1 lumens/watt  
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72  
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	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93			
2	107	102	98	94	105	100	97	93	97	94	91	94	92	89	91	89	87	86			
3	102	95	90	86	100	94	89	85	91	87	84	89	85	82	86	84	81	80			
4	97	89	83	79	95	88	82	78	86	81	77	84	80	77	82	78	76	74			
5	92	83	77	73	90	82	77	73	81	76	72	79	75	71	77	74	71	69			
6	87	78	72	68	86	77	72	68	76	71	67	75	70	67	73	69	66	65			
7	83	74	68	63	82	73	67	63	72	67	63	71	66	63	69	65	62	61			
8	79	70	64	60	78	69	63	59	68	63	59	67	62	59	66	62	59	57			
9	76	66	60	56	75	66	60	56	65	59	56	64	59	56	63	59	56	54			
10	72	63	57	53	71	62	57	53	61	56	53	61	56	53	60	56	53	51			

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

	0°
0°	51114
5°	49857
10°	45579
15°	38684
20°	30616
25°	23155
30°	16863
35°	11404
40°	7013
45°	4031
50°	2422
55°	1950
60°	1710
65°	1505
70°	1282
75°	1271
80°	1263
85°	1258

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 4031 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	20.9	13.2
10°-20°	47.0	29.5
20°-30°	43.9	27.6
30°-40°	26.9	16.9
40°-50°	10.6	6.7
50°-60°	4.7	2.9
60°-70°	2.9	1.8
70°-80°	1.6	1.0
80°-90°	0.5	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°	111.8	70.4
0°-40°	138.8	87.3
0°-60°	154.0	96.9
0°-90°	159.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	159.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	233	
5°	226	21
15°	170	47
25°	96	44
35°	43	27
45°	13	11
55°	5	5
65°	3	3
75°	2	2
85°	0	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	233.1
1°	233.3
2°	232.6
3°	231.1
4°	228.9
5°	226.5
6°	223.3
7°	219.6
8°	215.2
9°	210.3
10°	204.7
11°	198.8
12°	192.4
13°	185.6
14°	178.0
15°	170.4
17.5°	150.8
20°	131.2
22.5°	112.4
25°	95.7
27.5°	80.3
30°	66.6
32.5°	53.9
35°	42.6
37.5°	32.6
40°	24.5
42.5°	17.6
45°	13.0
47.5°	9.3
50°	7.1
52.5°	5.9
55°	5.1
57.5°	4.4
60°	3.9
62.5°	3.4
65°	2.9
67.5°	2.4
70°	2.0
72.5°	1.7
75°	1.5
77.5°	1.2
80°	1.0
82.5°	0.7
85°	0.5
87.5°	0.2



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)