

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: P1289036

Luminaire Tested: P3A05R30W2N902765DE010 E3DLP1WMH\_3000K

Issue Date: 1/30/2026

**Test Information**

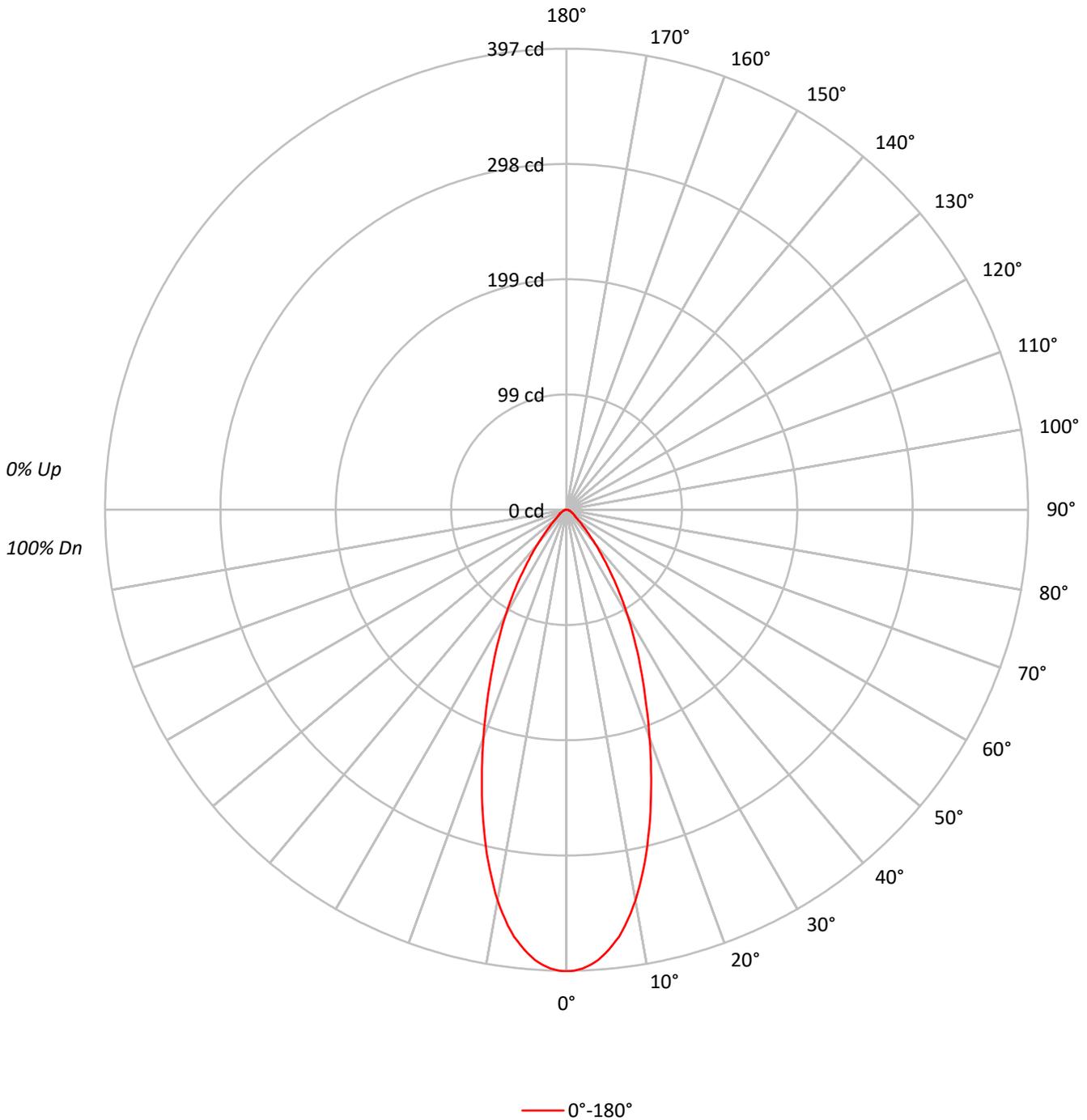
Test Method: LM-79-2019  
Report Number: P1289036  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A05R30W2N902765DE010 E3DLP1WMH\_3000K  
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 3000K CCT AND, 90CRI ,  
E3DLP1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 255.0 lumens  
Efficiency: N/A  
Efficacy: 43.2 lumens/watt  
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 5.9  
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			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	95	105	101	97	94	97	94	92	94	92	90	92	90	88	86			
3	102	95	90	86	100	94	89	85	91	87	84	89	86	83	87	84	82	80			
4	97	89	84	79	95	88	83	79	86	81	78	84	80	77	82	79	76	74			
5	92	84	78	73	90	83	77	73	81	76	72	79	75	72	78	74	71	70			
6	88	79	73	68	86	78	72	68	76	71	68	75	71	67	74	70	67	65			
7	83	74	68	64	82	74	68	64	72	67	63	71	67	63	70	66	63	61			
8	80	70	64	60	78	70	64	60	69	63	60	67	63	60	67	62	59	58			
9	76	67	61	57	75	66	60	57	65	60	56	64	60	56	63	59	56	55			
10	73	63	58	54	72	63	57	54	62	57	53	61	57	53	60	56	53	52			

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

	0°
0°	87142
5°	84415
10°	76062
15°	62929
20°	48724
25°	36534
30°	26536
35°	17668
40°	10878
45°	6388
50°	3923
55°	3173
60°	2763
65°	2231
70°	2052
75°	2033
80°	1515
85°	2013

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 6388 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	35.3	13.8
10°-20°	76.3	29.9
20°-30°	69.4	27.2
30°-40°	42.0	16.5
40°-50°	16.9	6.6
50°-60°	7.5	2.9
60°-70°	4.5	1.8
70°-80°	2.5	1.0
80°-90°	0.7	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°	181.1	71.0
0°-40°	223.1	87.5
0°-60°	247.4	97.0
0°-90°	255.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	255.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	397	
5°	384	35
15°	277	76
25°	151	69
35°	66	42
45°	21	17
55°	8	7
65°	4	4
75°	2	2
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	397.4
1°	397.0
2°	395.4
3°	392.6
4°	388.7
5°	383.5
6°	377.2
7°	370.5
8°	361.8
9°	351.9
10°	341.6
11°	329.8
12°	317.1
13°	304.5
14°	290.6
15°	277.2
17.5°	242.0
20°	208.8
22.5°	177.9
25°	151.0
27.5°	126.5
30°	104.8
32.5°	84.6
35°	66.0
37.5°	50.6
40°	38.0
42.5°	27.7
45°	20.6
47.5°	15.4
50°	11.5
52.5°	9.1
55°	8.3
57.5°	7.1
60°	6.3
62.5°	5.1
65°	4.3
67.5°	4.0
70°	3.2
72.5°	2.8
75°	2.4
77.5°	2.0
80°	1.2
82.5°	0.8
85°	0.8
87.5°	0.4



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)