

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: P1290996

Luminaire Tested: P3A05R65W2N902750DE010 E3DL1WH\_4000K

Issue Date: 1/30/2026

**Test Information**

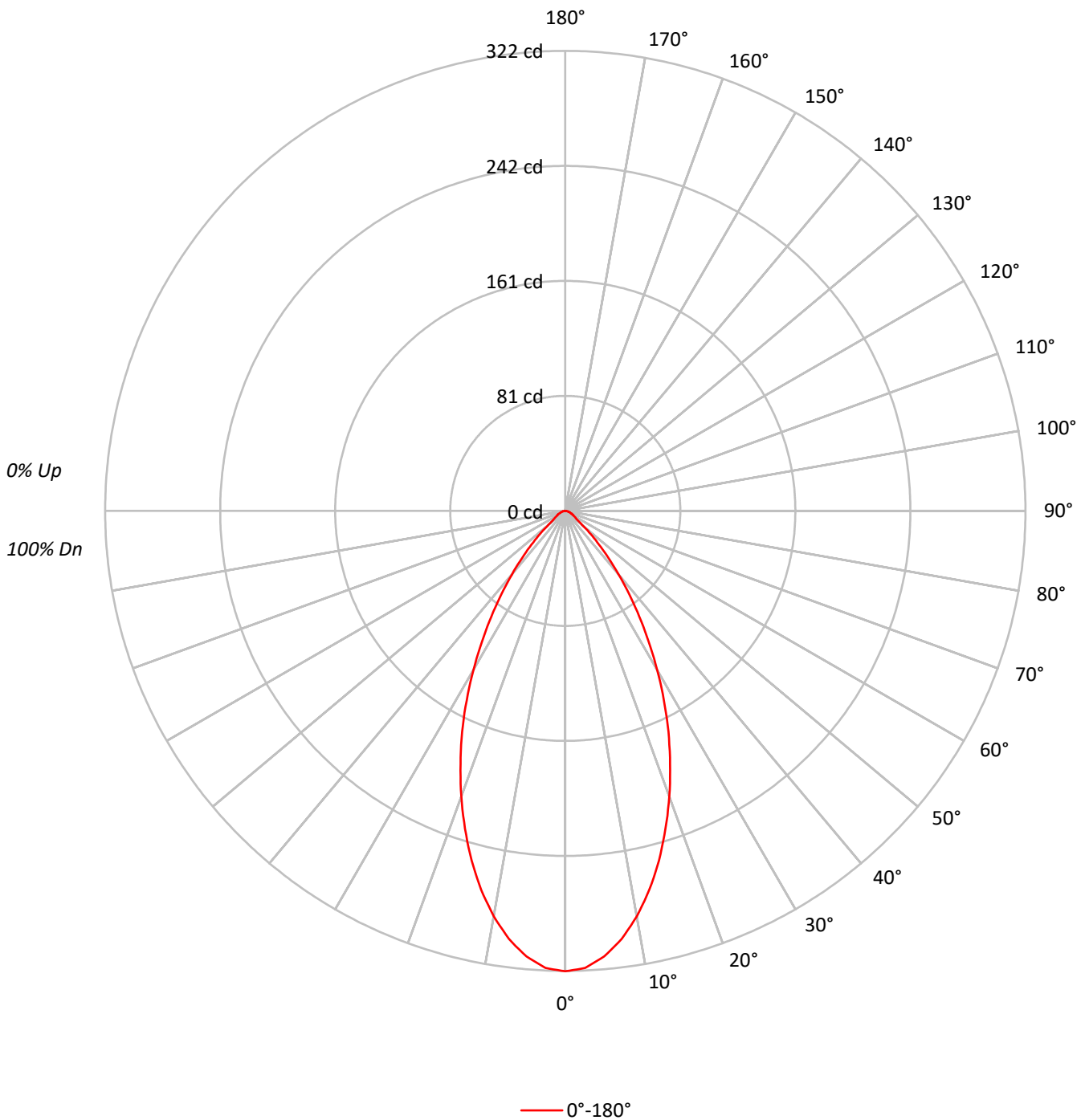
Test Method: LM-79-2019  
Report Number: P1290996  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-41)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A05R65W2N902750DE010 E3DL1WH\_4000K  
Description: 3in Adjustable Tunable White LED luminaire with, R65 optic, 4000K CCT AND, 90CRI ,  
E3DL1WH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 277.9 lumens  
Efficiency: N/A  
Efficacy: 47.1 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): 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	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	90	88	86	85				
3	101	94	88	84	99	92	87	83	90	85	82	87	84	81	85	82	79	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	59	56	64	59	55	63	58	55	54				
9	73	63	57	52	72	62	56	52	61	56	52	60	55	52	59	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°	70652
5°	68897
10°	64172
15°	57503
20°	49658
25°	41301
30°	32587
35°	24146
40°	16631
45°	10327
50°	5595
55°	3517
60°	2982
65°	2698
70°	2308
75°	2033
80°	2020
85°	2013

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 10327 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	29.1	10.5
10°-20°	70.4	25.3
20°-30°	77.8	28.0
30°-40°	56.5	20.3
40°-50°	26.5	9.5
50°-60°	8.9	3.2
60°-70°	5.1	1.8
70°-80°	2.7	1.0
80°-90°	0.9	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°	177.3	63.8
0°-40°	233.9	84.1
0°-60°	269.2	96.9
0°-90°	277.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	277.9	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	322	
5°	313	29
15°	253	70
25°	171	78
35°	90	57
45°	33	26
55°	9	9
65°	5	5
75°	2	3
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	322.2
2.5°	320.2
5°	313.0
7.5°	302.2
10°	288.2
12.5°	271.7
15°	253.3
17.5°	233.3
20°	212.8
22.5°	191.6
25°	170.7
27.5°	149.5
30°	128.7
32.5°	108.6
35°	90.2
37.5°	73.3
40°	58.1
42.5°	44.5
45°	33.3
47.5°	24.0
50°	16.4
52.5°	11.2
55°	9.2
57.5°	8.0
60°	6.8
62.5°	6.0
65°	5.2
67.5°	4.4
70°	3.6
72.5°	3.2
75°	2.4
77.5°	2.0
80°	1.6
82.5°	1.2
85°	0.8
87.5°	0.4
90°	0.0

(END OF REPORT)