

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: P1290958

Luminaire Tested: P3A05R65W2N902750DE010 E3D1MW_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1290958
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-44)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R65W2N902750DE010 E3D1MW_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R65 optic, 2700K CCT AND, 90CRI , E3D1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

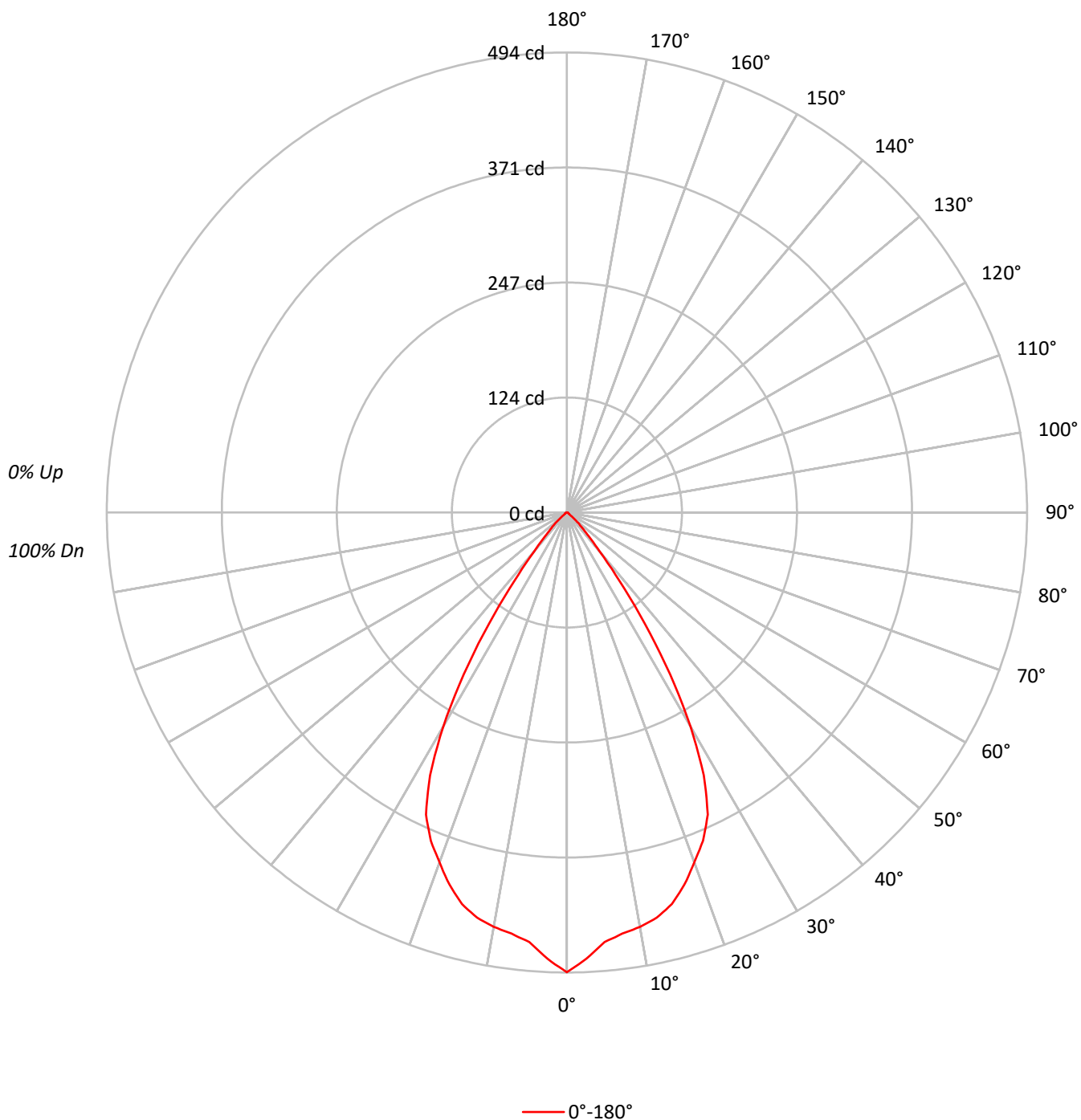
Lumens per Lamp: N/A
Luminaire Lumens: 443.0 lumens
Efficiency: N/A
Efficacy: 75.1 lumens/watt
Spacing Criteria (0/90/45): 0.98 / 0.98 / 0.9
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	114	111	108	106	111	109	106	104	105	103	101	101	99	98	97	96	95	93		
2	108	103	99	96	106	101	98	95	98	95	93	95	93	91	92	90	89	87		
3	103	96	91	87	101	95	90	87	92	88	85	90	87	84	88	85	83	81		
4	97	90	84	80	96	89	84	80	87	82	79	85	81	78	83	80	77	75		
5	93	84	78	74	91	83	78	74	82	77	73	80	76	73	78	75	72	70		
6	88	79	73	69	86	78	73	69	77	72	68	75	71	68	74	70	67	66		
7	84	74	68	64	82	74	68	64	72	67	64	71	67	63	70	66	63	62		
8	80	70	64	60	78	69	64	60	68	63	60	67	63	59	66	62	59	58		
9	76	66	60	56	75	66	60	56	65	60	56	64	59	56	63	59	56	54		
10	72	63	57	53	71	62	57	53	61	56	53	60	56	53	60	55	52	51		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	108259
5°	101893
10°	100599
15°	98820
20°	93295
25°	86594
30°	67301
35°	38949
40°	15687
45°	7226
50°	2797
55°	1109
60°	921
65°	934
70°	898
75°	932
80°	884
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 7226 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	44.0	9.9
10°-20°	121.6	27.4
20°-30°	159.1	35.9
30°-40°	92.2	20.8
40°-50°	19.7	4.5
50°-60°	3.2	0.7
60°-70°	1.7	0.4
70°-80°	1.0	0.2
80°-90°	0.4	0.1
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°	324.7	73.3
0°-40°	416.9	94.1
0°-60°	439.8	99.3
0°-90°	443.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	443.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	494	
5°	463	44
15°	435	122
25°	358	159
35°	146	92
45°	23	20
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	493.7
2.5°	479.7
5°	462.9
7.5°	456.1
10°	451.8
12.5°	445.7
15°	435.3
17.5°	419.2
20°	399.8
22.5°	381.6
25°	357.9
27.5°	318.1
30°	265.8
32.5°	206.0
35°	145.5
37.5°	92.1
40°	54.8
42.5°	34.4
45°	23.3
47.5°	15.0
50°	8.2
52.5°	3.9
55°	2.9
57.5°	2.5
60°	2.1
62.5°	2.1
65°	1.8
67.5°	1.4
70°	1.4
72.5°	1.1
75°	1.1
77.5°	0.7
80°	0.7
82.5°	0.4
85°	0.4
87.5°	0.4
90°	0.0

(END OF REPORT)