

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: P1290994

Luminaire Tested: P3A05R65W2N902750DE010 E3DL1WH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1290994
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_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R65 optic, 3000K CCT AND, 90CRI ,
E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

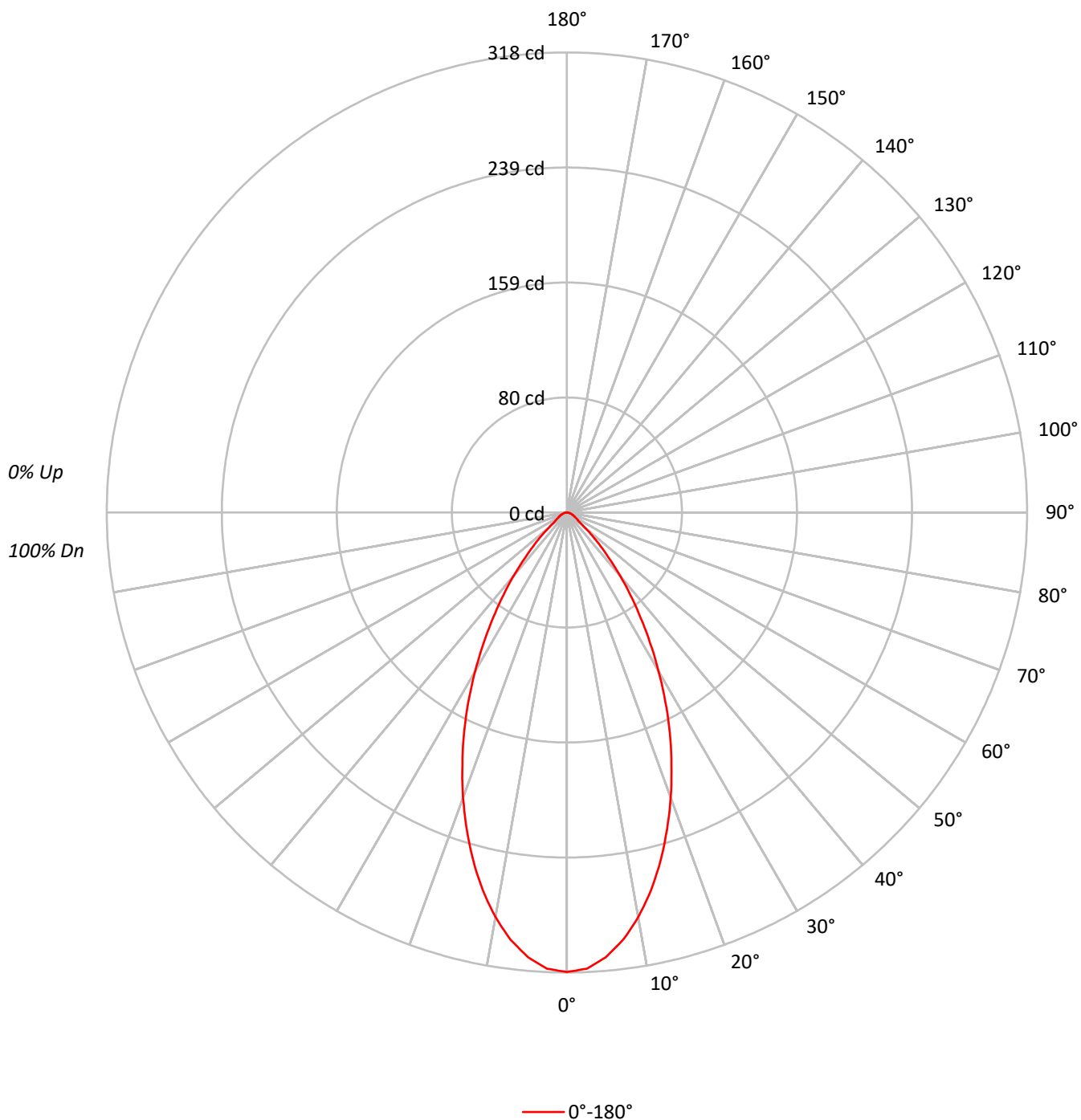
Lumens per Lamp: N/A
Luminaire Lumens: 274.0 lumens
Efficiency: N/A
Efficacy: 46.4 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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				20				20				20
RC	80				70				50				30				10				0				0				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0				0				0
RCR																													
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100											100
1	113	110	107	105	110	108	105	103	104	102	100	100	98	97	96	95	94	92											92
2	107	101	97	93	104	100	96	92	96	93	90	93	91	88	90	88	86	85											85
3	101	94	88	84	99	92	87	83	90	85	82	87	84	81	85	82	79	78											78
4	95	87	81	76	93	86	80	76	84	79	75	82	78	74	80	76	73	72											72
5	90	81	75	70	88	80	74	70	78	73	69	77	72	69	75	71	68	66											66
6	85	76	69	65	84	75	69	65	73	68	64	72	67	64	71	66	63	62											62
7	81	71	65	60	79	70	64	60	69	63	60	68	63	59	67	62	59	57											57
8	77	67	60	56	75	66	60	56	65	59	56	64	59	55	63	58	55	54											54
9	73	63	57	52	72	62	56	52	61	56	52	60	55	52	59	55	52	50											50
10	69	59	53	49	68	59	53	49	58	53	49	57	52	49	56	52	49	47											47

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	69644
5°	67906
10°	63236
15°	56686
20°	48958
25°	40720
30°	32106
35°	23798
40°	16402
45°	10172
50°	5526
55°	3479
60°	2938
65°	2646
70°	2308
75°	2033
80°	2020
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10172 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.7	10.5
10°-20°	69.4	25.3
20°-30°	76.7	28.0
30°-40°	55.7	20.3
40°-50°	26.1	9.5
50°-60°	8.8	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°	174.8	63.8
0°-40°	230.5	84.1
0°-60°	265.4	96.9
0°-90°	274.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	274.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	318	
5°	308	29
15°	250	69
25°	168	77
35°	89	56
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°	317.6
2.5°	315.6
5°	308.5
7.5°	297.9
10°	284.0
12.5°	267.8
15°	249.7
17.5°	229.9
20°	209.8
22.5°	188.8
25°	168.3
27.5°	147.3
30°	126.8
32.5°	107.1
35°	88.9
37.5°	72.3
40°	57.3
42.5°	43.8
45°	32.8
47.5°	23.7
50°	16.2
52.5°	11.1
55°	9.1
57.5°	7.9
60°	6.7
62.5°	5.9
65°	5.1
67.5°	4.3
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)