

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: P1291012

Luminaire Tested: P3A05R65W2N902750DE010 E3DLD1H_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1291012
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-42)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R65W2N902750DE010 E3DLD1H_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R65 optic, 5000K CCT AND, 90CRI ,
E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

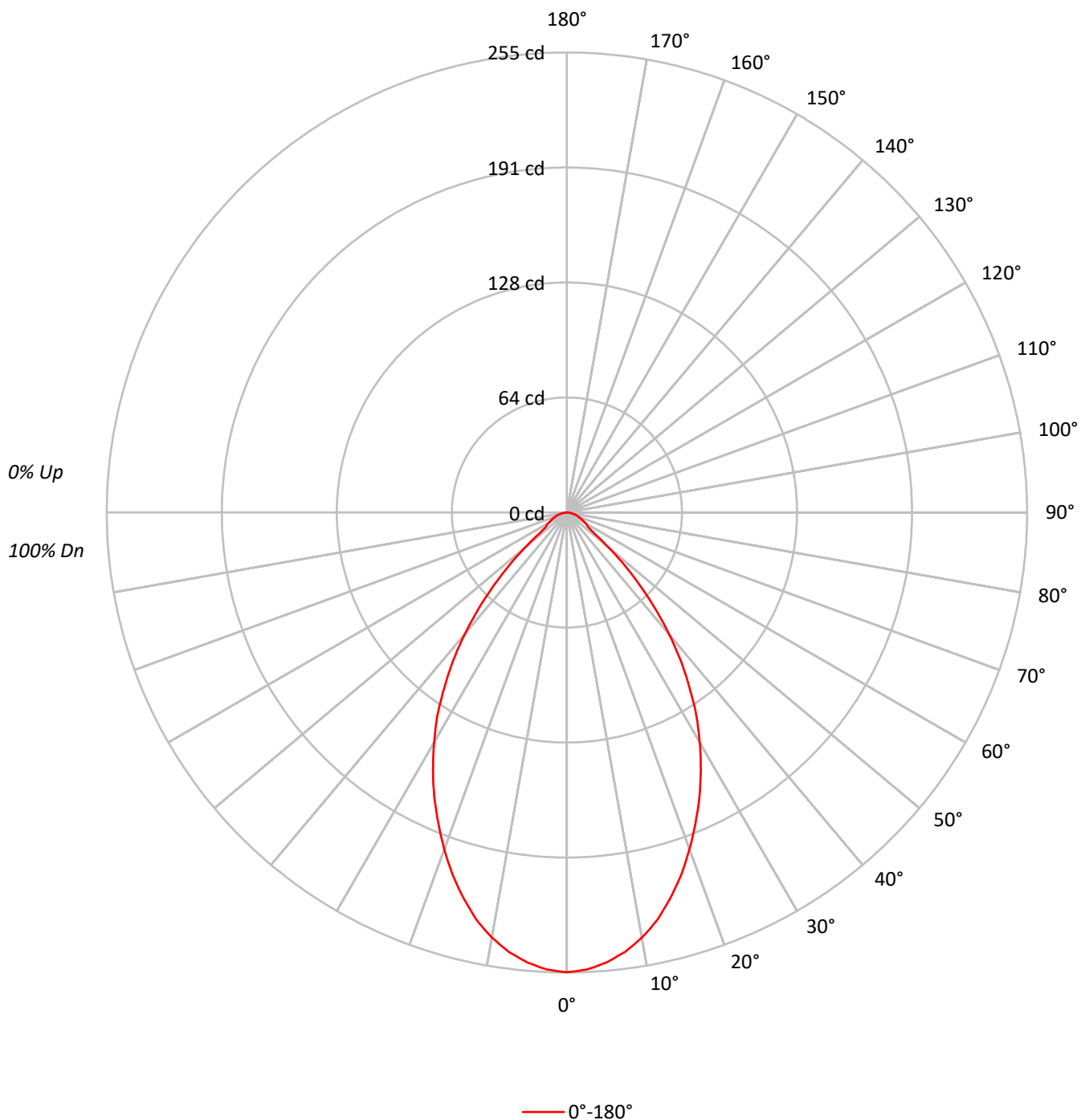
Lumens per Lamp: N/A
Luminaire Lumens: 314.1 lumens
Efficiency: N/A
Efficacy: 53.2 lumens/watt
Spacing Criteria (0/90/45): 0.95 / 0.95 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	112	109	106	103	110	107	104	101	102	100	98		99	97	95		95	94	93	91
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88	86	84	82
3	99	91	85	80	96	89	84	79	87	82	78		84	80	77		82	78	76	74
4	92	83	77	72	90	82	76	71	80	75	70		78	73	70		76	72	69	67
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71	66	63	61
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66	61	58	56
7	77	66	59	54	75	65	59	54	64	58	54		63	57	53		61	57	53	51
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58	53	49	47
9	68	57	51	46	67	57	50	46	56	50	46		55	49	46		54	49	45	44
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51	46	42	41

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	55873
5°	55118
10°	53283
15°	50239
20°	46344
25°	42075
30°	37272
35°	31695
40°	25219
45°	17800
50°	10337
55°	5658
60°	5263
65°	4774
70°	4360
75°	4067
80°	3536
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17800 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.6	7.5
10°-20°	61.9	19.7
20°-30°	79.6	25.3
30°-40°	73.6	23.4
40°-50°	44.4	14.1
50°-60°	15.2	4.8
60°-70°	9.1	2.9
70°-80°	5.2	1.6
80°-90°	1.5	0.5
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°	165.1	52.6
0°-40°	238.7	76.0
0°-60°	298.3	95.0
0°-90°	314.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	314.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	255	
5°	250	24
15°	221	62
25°	174	80
35°	118	74
45°	57	44
55°	15	15
65°	9	9
75°	5	5
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	254.8
2.5°	253.6
5°	250.4
7.5°	245.7
10°	239.3
12.5°	231.3
15°	221.3
17.5°	210.6
20°	198.6
22.5°	186.2
25°	173.9
27.5°	160.7
30°	147.2
32.5°	133.6
35°	118.4
37.5°	103.7
40°	88.1
42.5°	72.6
45°	57.4
47.5°	43.5
50°	30.3
52.5°	19.1
55°	14.8
57.5°	13.2
60°	12.0
62.5°	10.4
65°	9.2
67.5°	8.0
70°	6.8
72.5°	6.0
75°	4.8
77.5°	4.0
80°	2.8
82.5°	2.0
85°	1.2
87.5°	0.8
90°	0.0

(END OF REPORT)