

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: P1291011

Luminaire Tested: P3A05R65W2N902750DE010 E3DLD1H_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1291011
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_4000K
Description: 3in Adjustable Tunable White LED luminaire with, R65 optic, 4000K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

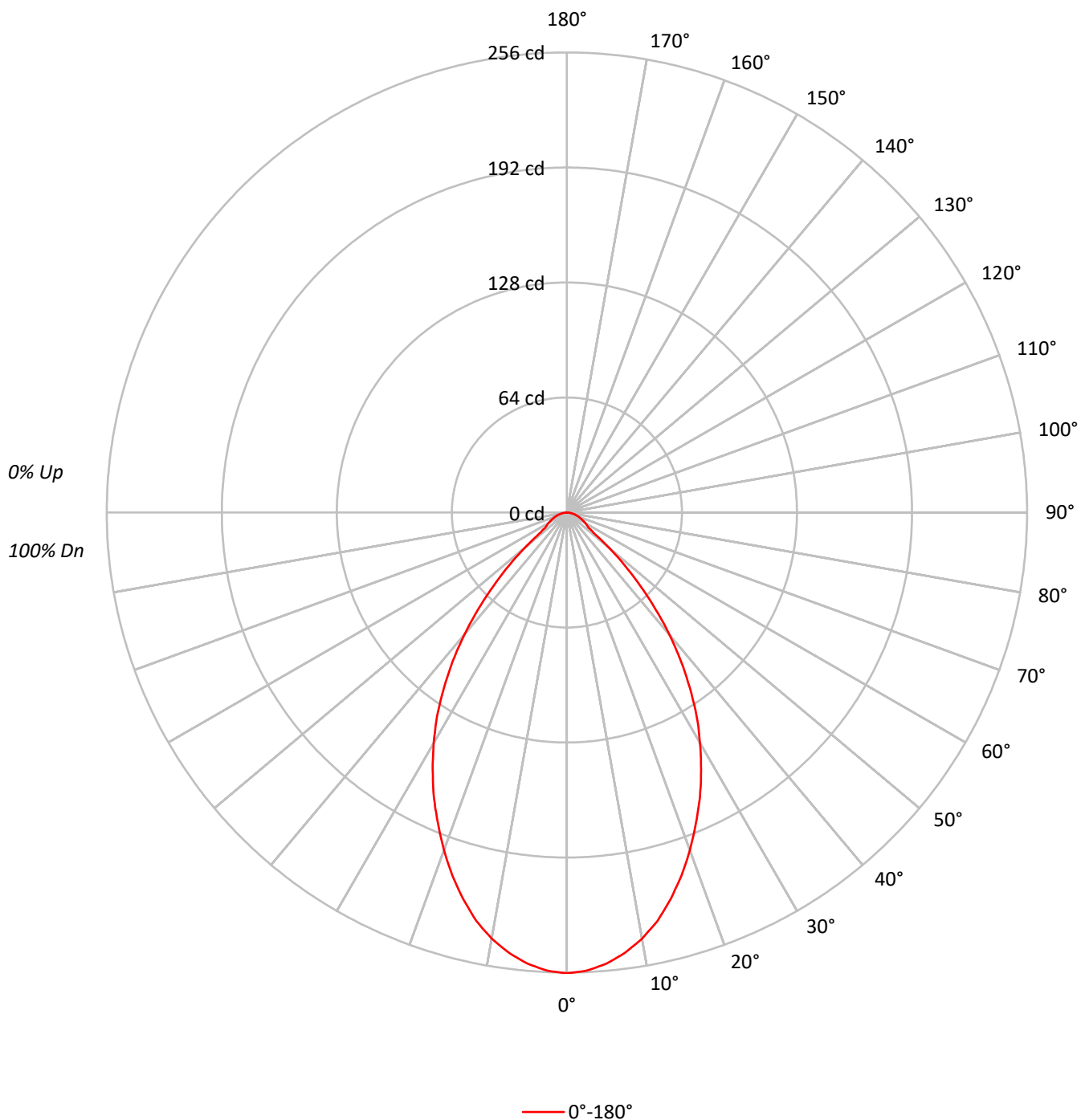
Lumens per Lamp: N/A
Luminaire Lumens: 315.9 lumens
Efficiency: N/A
Efficacy: 53.5 lumens/watt
Spacing Criteria (0/90/45): 0.95 / 0.95 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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			
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	71	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°	56224
5°	55470
10°	53617
15°	50556
20°	46647
25°	42341
30°	37499
35°	31909
40°	25390
45°	17924
50°	10405
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: 17924 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.7	7.5
10°-20°	62.3	19.7
20°-30°	80.1	25.4
30°-40°	74.1	23.4
40°-50°	44.7	14.2
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°	166.1	52.6
0°-40°	240.2	76.0
0°-60°	300.1	95.0
0°-90°	315.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	315.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	256	
5°	252	24
15°	223	62
25°	175	80
35°	119	74
45°	58	45
55°	15	15
65°	9	9
75°	5	5
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	256.4
2.5°	255.2
5°	252.0
7.5°	247.2
10°	240.8
12.5°	232.8
15°	222.7
17.5°	211.9
20°	199.9
22.5°	187.4
25°	175.0
27.5°	161.7
30°	148.1
32.5°	134.4
35°	119.2
37.5°	104.3
40°	88.7
42.5°	73.0
45°	57.8
47.5°	43.7
50°	30.5
52.5°	19.3
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)