

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: P1290981

Luminaire Tested: P3A05R65W2N902750DE010 E3DL1H_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1290981
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-43)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R65W2N902750DE010 E3DL1H_4000K
Description: 3in Adjustable Tunable White LED luminaire with, R65 optic, 4000K CCT AND, 90CRI ,
E3DL1H TRIM
Light Source: -
Ballast/Driver: -

Summary

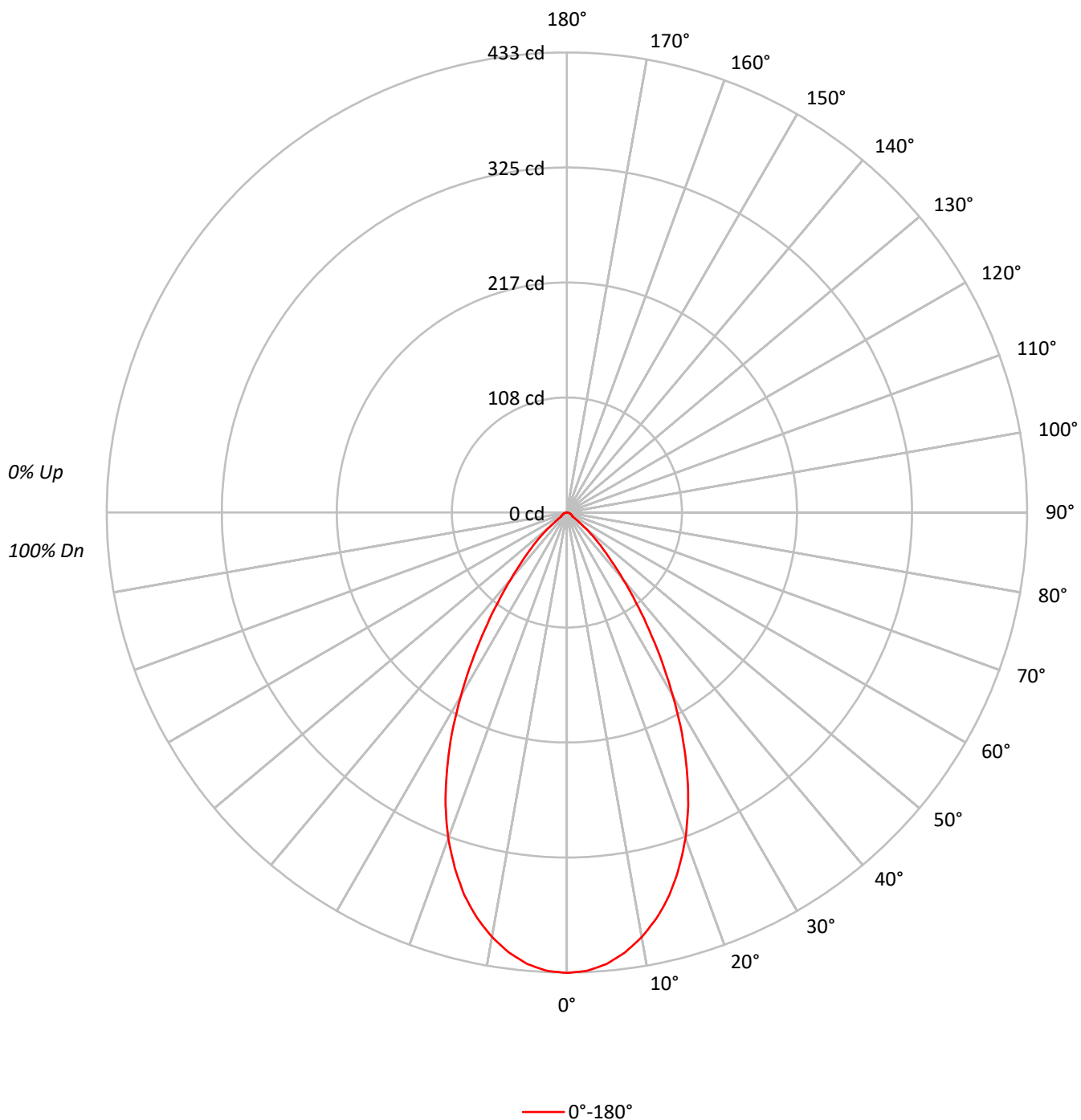
Lumens per Lamp: N/A
Luminaire Lumens: 402.9 lumens
Efficiency: N/A
Efficacy: 68.3 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	110	107	105		111	108	106	103		104	102	100		100	99	97		97	96	94		93			
2	107	102	98	94		105	100	96	93		97	94	91		94	91	89		91	89	87		85			
3	101	95	89	85		99	93	88	84		90	86	83		88	85	82		86	83	80		79			
4	96	88	82	78		94	87	81	77		85	80	76		83	79	75		81	77	74		73			
5	91	82	76	71		89	81	75	71		79	74	70		77	73	70		76	72	69		68			
6	86	77	70	66		84	76	70	66		74	69	65		73	68	65		72	67	64		63			
7	82	72	66	61		80	71	65	61		70	64	61		69	64	60		67	63	60		58			
8	77	67	61	57		76	67	61	57		66	60	57		65	60	56		64	59	56		55			
9	74	64	57	53		72	63	57	53		62	57	53		61	56	53		60	56	53		51			
10	70	60	54	50		69	60	54	50		59	53	50		58	53	50		57	53	49		48			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	95036
5°	93902
10°	90335
15°	84632
20°	76120
25°	64625
30°	50539
35°	36031
40°	23558
45°	14575
50°	7403
55°	2600
60°	2281
65°	2283
70°	2052
75°	2033
80°	2020
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 14575 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	40.0	9.9
10°-20°	103.7	25.7
20°-30°	121.2	30.1
30°-40°	84.7	21.0
40°-50°	37.3	9.3
50°-60°	8.3	2.1
60°-70°	4.2	1.0
70°-80°	2.5	0.6
80°-90°	0.9	0.2
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°	265.0	65.8
0°-40°	349.8	86.8
0°-60°	395.3	98.1
0°-90°	402.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	402.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	433	
5°	427	40
15°	373	104
25°	267	121
35°	135	85
45°	47	37
55°	7	8
65°	4	4
75°	2	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	433.4
2.5°	431.8
5°	426.6
7.5°	417.7
10°	405.7
12.5°	390.8
15°	372.8
17.5°	350.7
20°	326.2
22.5°	298.4
25°	267.1
27.5°	234.2
30°	199.6
32.5°	166.3
35°	134.6
37.5°	106.8
40°	82.3
42.5°	62.3
45°	47.0
47.5°	34.5
50°	21.7
52.5°	11.2
55°	6.8
57.5°	6.0
60°	5.2
62.5°	4.8
65°	4.4
67.5°	3.6
70°	3.2
72.5°	2.8
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)