

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: P1290977

Luminaire Tested: P3A05R65W2N902750DE010 E3DL1GPH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1290977
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 E3DL1GPH_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R65 optic, 5000K CCT AND, 90CRI ,
E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

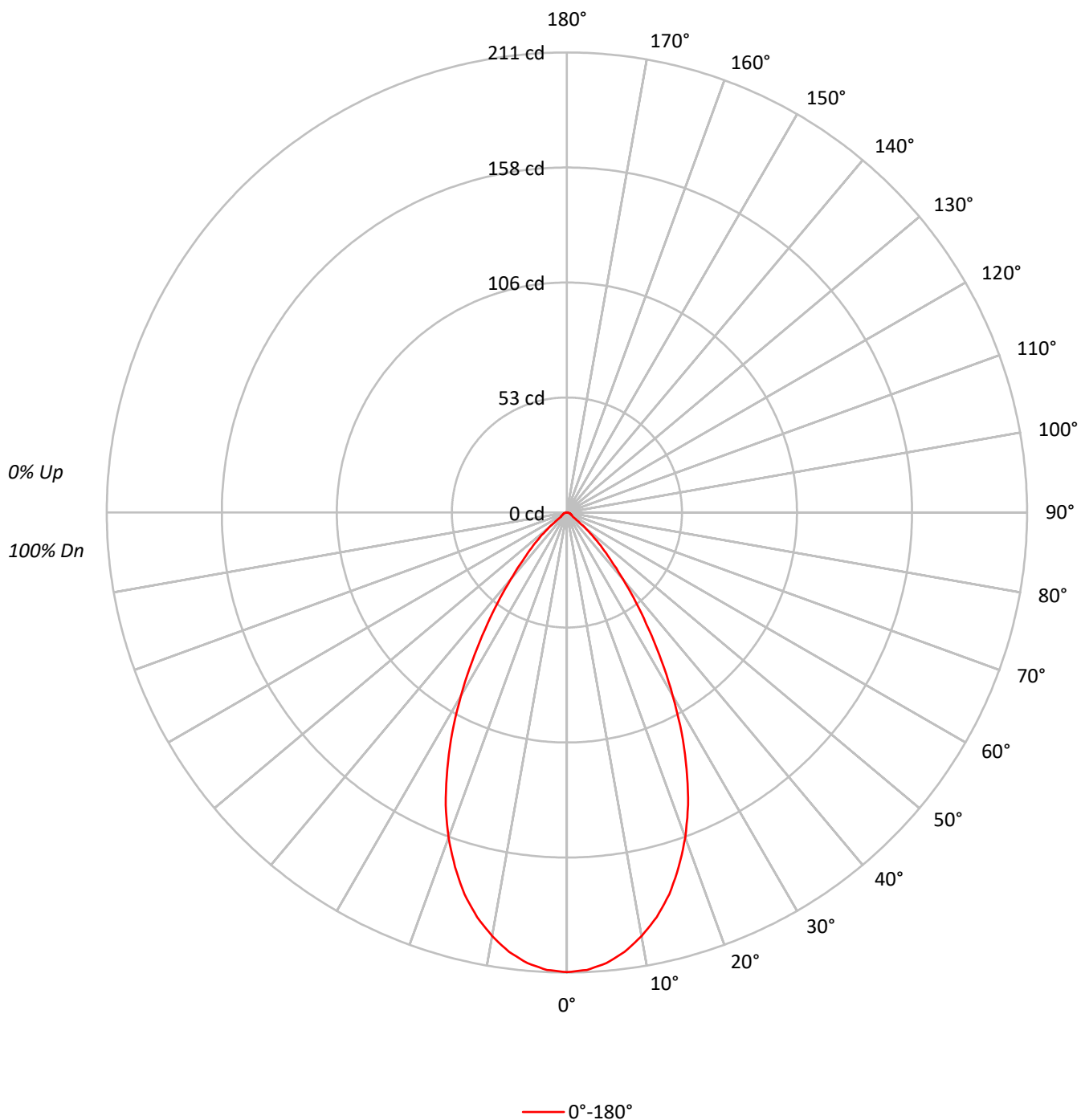
Lumens per Lamp: N/A
Luminaire Lumens: 196.0 lumens
Efficiency: N/A
Efficacy: 33.2 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				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	59	54	50	59	53	50		58	53	50		57	53	49		48

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	46224
5°	45675
10°	43931
15°	41158
20°	37010
25°	31429
30°	24586
35°	17507
40°	11450
45°	7102
50°	3582
55°	1262
60°	1096
65°	1090
70°	1026
75°	1017
80°	1010
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 7102 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.5	9.9
10°-20°	50.5	25.7
20°-30°	59.0	30.1
30°-40°	41.2	21.0
40°-50°	18.1	9.3
50°-60°	4.0	2.1
60°-70°	2.0	1.0
70°-80°	1.3	0.6
80°-90°	0.4	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°	128.9	65.8
0°-40°	170.1	86.8
0°-60°	192.3	98.1
0°-90°	196.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	196.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	211	
5°	208	19
15°	181	50
25°	130	59
35°	65	41
45°	23	18
55°	3	4
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	210.8
2.5°	210.0
5°	207.5
7.5°	203.2
10°	197.3
12.5°	190.1
15°	181.3
17.5°	170.5
20°	158.6
22.5°	145.2
25°	129.9
27.5°	113.9
30°	97.1
32.5°	80.9
35°	65.4
37.5°	52.0
40°	40.0
42.5°	30.3
45°	22.9
47.5°	16.8
50°	10.5
52.5°	5.5
55°	3.3
57.5°	2.9
60°	2.5
62.5°	2.3
65°	2.1
67.5°	1.8
70°	1.6
72.5°	1.4
75°	1.2
77.5°	1.0
80°	0.8
82.5°	0.6
85°	0.4
87.5°	0.2
90°	0.0

(END OF REPORT)