

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: P1291293

Luminaire Tested: P3A05R70W2N902750DE010 E3DL1GPH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1291293
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-47)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R70W2N902750DE010 E3DL1GPH_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R70 optic, 3000K CCT AND, 90CRI ,
E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

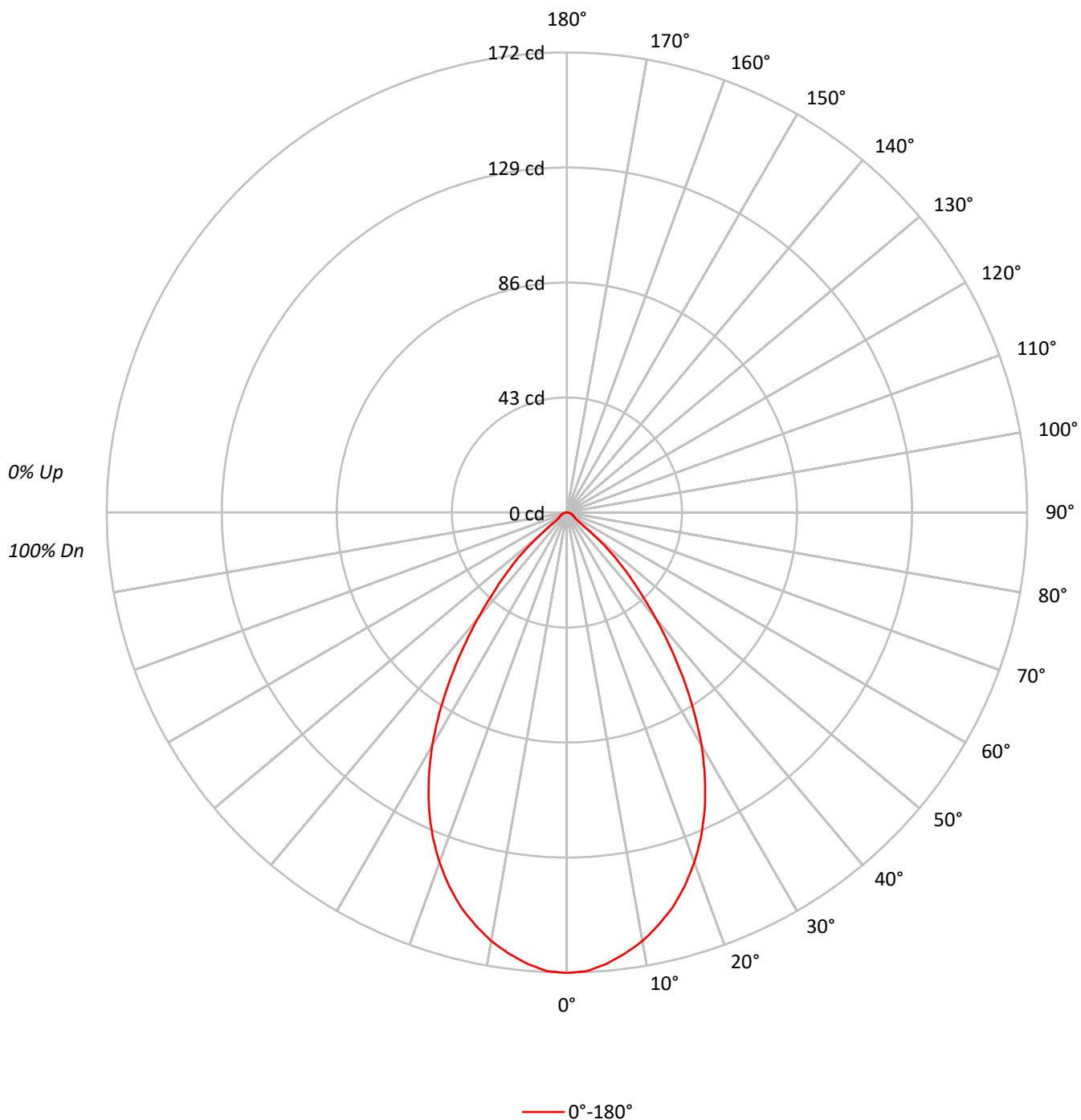
Lumens per Lamp: N/A
Luminaire Lumens: 195.0 lumens
Efficiency: N/A
Efficacy: 33.0 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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					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	104	110	107	105	103	103	101	100	100	98	97	96	95	94	92			
2	106	101	96	93	104	99	95	92	96	92	90	93	90	88	90	88	86	84			
3	100	93	88	83	98	92	87	82	89	85	81	86	83	80	84	81	79	77			
4	94	86	80	75	93	85	79	75	83	78	74	81	76	73	79	75	72	70			
5	89	80	73	69	87	79	73	68	77	72	68	75	71	67	74	70	66	65			
6	84	74	68	63	82	73	67	63	72	66	62	70	65	62	69	65	61	60			
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55			
8	75	65	58	53	74	64	58	53	63	57	53	62	57	53	61	56	53	51			
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48			
10	67	57	50	46	66	56	50	46	55	50	46	55	49	46	54	49	46	44			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	37760
5°	37288
10°	36227
15°	34688
20°	32483
25°	29518
30°	25498
35°	20318
40°	14799
45°	9737
50°	4571
55°	1415
60°	1360
65°	1297
70°	1218
75°	1271
80°	1263
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 9737 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.0	8.2
10°-20°	42.8	21.9
20°-30°	55.6	28.5
30°-40°	47.2	24.2
40°-50°	24.3	12.5
50°-60°	4.7	2.4
60°-70°	2.5	1.3
70°-80°	1.5	0.8
80°-90°	0.5	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°	114.3	58.6
0°-40°	161.4	82.8
0°-60°	190.5	97.7
0°-90°	195.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	195.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	172	
5°	169	16
15°	153	43
25°	122	56
35°	76	47
45°	31	24
55°	4	5
65°	2	3
75°	2	2
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	172.2
2.5°	171.6
5°	169.4
7.5°	166.3
10°	162.7
12.5°	158.0
15°	152.8
17.5°	146.4
20°	139.2
22.5°	131.1
25°	122.0
27.5°	111.7
30°	100.7
32.5°	88.5
35°	75.9
37.5°	63.5
40°	51.7
42.5°	40.7
45°	31.4
47.5°	23.0
50°	13.4
52.5°	5.8
55°	3.7
57.5°	3.5
60°	3.1
62.5°	2.9
65°	2.5
67.5°	2.3
70°	1.9
72.5°	1.7
75°	1.5
77.5°	1.2
80°	1.0
82.5°	0.6
85°	0.4
87.5°	0.2
90°	0.0

(END OF REPORT)