

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: P1288792

Luminaire Tested: P3A05R30W2N902750DE010 E3DLD1GPH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1288792
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R30W2N902750DE010 E3DLD1GPH_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 2700K CCT AND, 90CRI ,
E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

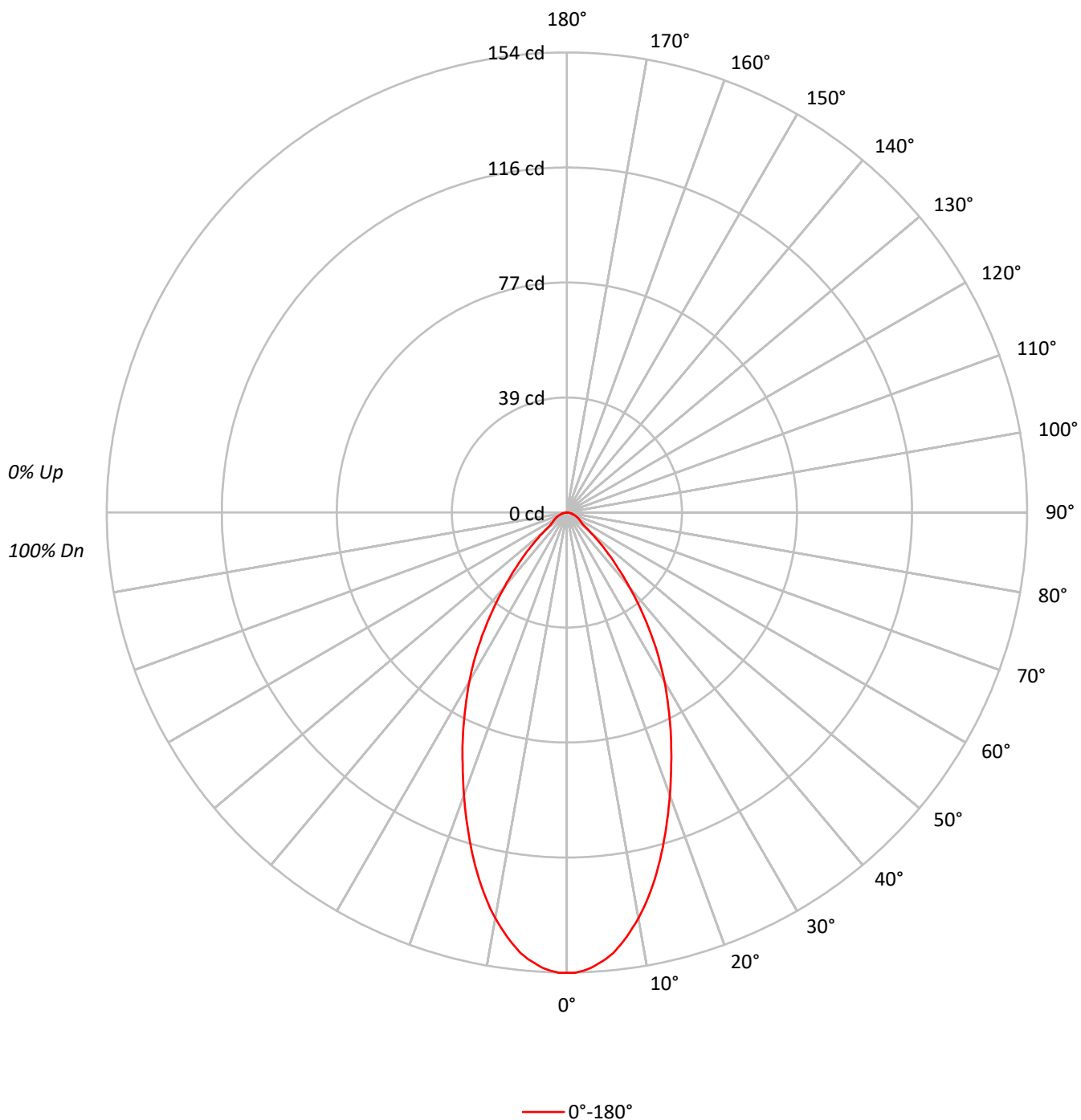
Lumens per Lamp: N/A
Luminaire Lumens: 143.0 lumens
Efficiency: N/A
Efficacy: 24.2 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	112	109	106	104	110	107	105	102	103	101	99	99	98	96	96	94	93	91		
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	89	87	85	83		
3	100	92	87	82	98	91	86	82	88	84	80	86	82	79	84	80	78	76		
4	94	85	79	74	92	84	79	74	82	77	73	80	76	72	78	74	71	70		
5	89	79	73	68	87	78	72	68	76	71	67	75	70	66	73	69	66	64		
6	84	74	67	62	82	73	67	62	71	66	62	70	65	61	69	64	61	59		
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55		
8	75	65	58	54	74	64	58	53	63	57	53	62	57	53	61	56	53	51		
9	71	61	54	50	70	60	54	50	59	54	50	58	53	50	57	53	49	48		
10	68	57	51	47	67	57	51	47	56	50	47	55	50	46	54	50	46	45		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	33791
5°	33018
10°	30705
15°	27333
20°	23499
25°	19912
30°	16534
35°	12956
40°	9303
45°	6109
50°	3480
55°	2294
60°	2149
65°	2024
70°	1795
75°	1610
80°	1515
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 6109 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.9	9.7
10°-20°	33.5	23.4
20°-30°	37.7	26.4
30°-40°	30.1	21.1
40°-50°	15.5	10.8
50°-60°	5.8	4.1
60°-70°	3.8	2.7
70°-80°	2.1	1.4
80°-90°	0.6	0.4
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°	85.1	59.5
0°-40°	115.2	80.6
0°-60°	136.5	95.5
0°-90°	143.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	143.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	154	
5°	150	14
15°	120	33
25°	82	38
35°	48	30
45°	20	15
55°	6	6
65°	4	4
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	154.1
1°	154.1
2°	153.5
3°	152.7
4°	151.4
5°	150.0
6°	148.3
7°	146.0
8°	143.5
9°	140.7
10°	137.9
11°	134.8
12°	131.4
13°	127.9
14°	124.2
15°	120.4
17.5°	110.5
20°	100.7
22.5°	91.2
25°	82.3
27.5°	73.5
30°	65.3
32.5°	56.9
35°	48.4
37.5°	40.2
40°	32.5
42.5°	25.6
45°	19.7
47.5°	14.6
50°	10.2
52.5°	7.2
55°	6.0
57.5°	5.4
60°	4.9
62.5°	4.4
65°	3.9
67.5°	3.3
70°	2.8
72.5°	2.3
75°	1.9
77.5°	1.6
80°	1.2
82.5°	0.9
85°	0.5
87.5°	0.2



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)