

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: P1288824

Luminaire Tested: P3A05R30W2N902750DE010 E3DLP1GPH_3500K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1288824
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R30W2N902750DE010 E3DLP1GPH_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 3500K CCT AND, 90CRI ,
E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

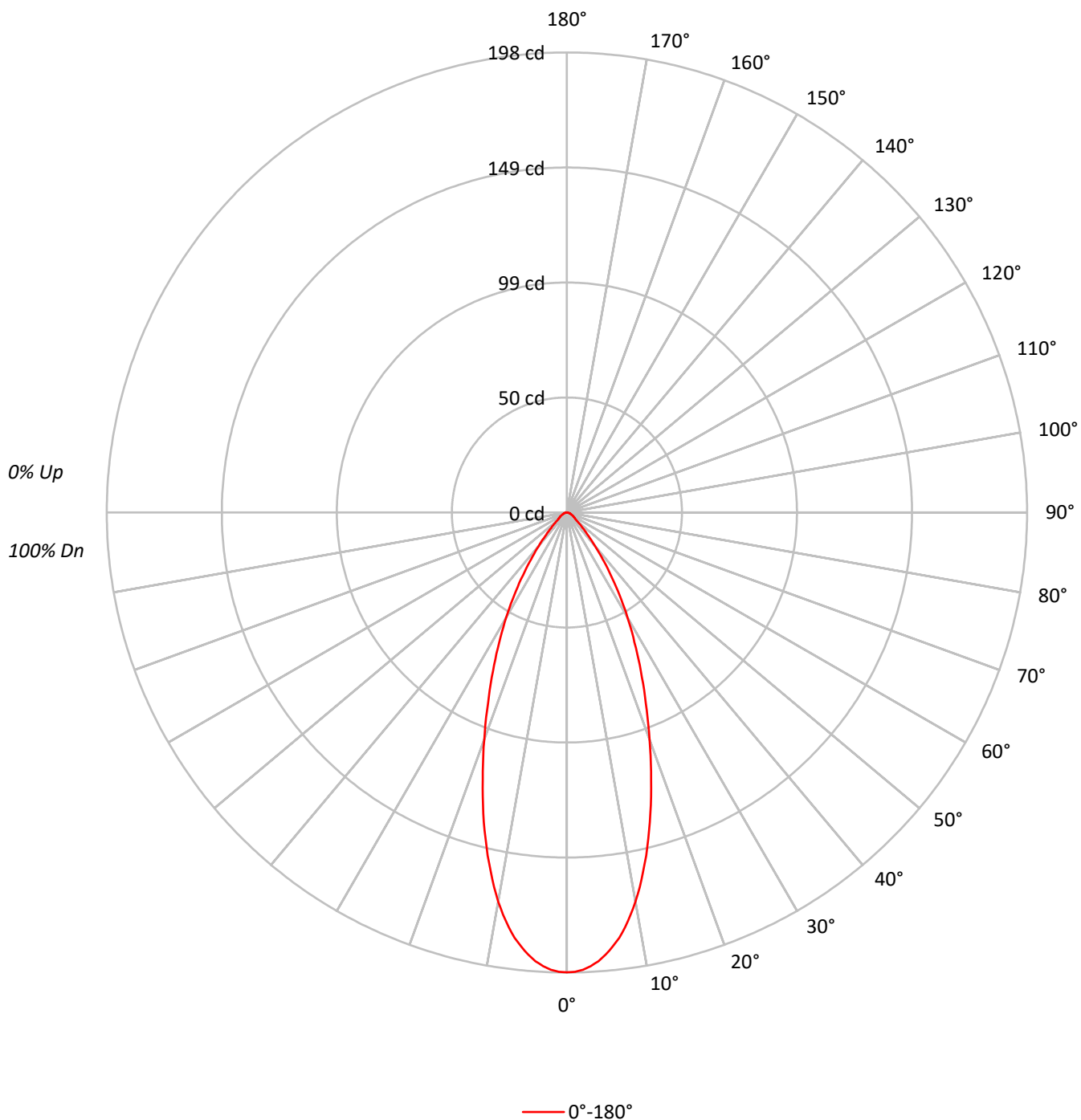
Lumens per Lamp: N/A
Luminaire Lumens: 127.0 lumens
Efficiency: N/A
Efficacy: 21.5 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	108	105	111	108	106	104	104	102	100		100	99	97		97	96	95	93
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92	90	88	86
3	102	95	90	86	100	94	89	85	91	87	84		89	86	83		87	84	81	80
4	97	89	83	79	95	88	83	79	86	81	78		84	80	77		82	79	76	74
5	92	84	78	73	90	83	77	73	81	76	72		79	75	72		78	74	71	70
6	88	79	73	68	86	78	72	68	76	71	68		75	71	67		74	70	67	65
7	83	74	68	64	82	74	68	64	72	67	63		71	67	63		70	66	63	61
8	80	70	64	60	78	70	64	60	69	63	60		67	63	60		67	62	59	58
9	76	67	61	57	75	66	60	57	65	60	56		64	60	56		63	59	56	55
10	73	63	58	54	72	63	57	54	62	57	53		61	57	53		60	56	53	52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	43396
5°	42043
10°	37875
15°	31328
20°	24269
25°	18195
30°	13217
35°	8807
40°	5410
45°	3163
50°	1944
55°	1567
60°	1403
65°	1141
70°	1026
75°	1017
80°	758
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 3163 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.6	13.8
10°-20°	38.0	29.9
20°-30°	34.6	27.2
30°-40°	20.9	16.5
40°-50°	8.4	6.6
50°-60°	3.7	2.9
60°-70°	2.3	1.8
70°-80°	1.2	1.0
80°-90°	0.4	0.3
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°	90.2	71.0
0°-40°	111.1	87.4
0°-60°	123.2	97.0
0°-90°	127.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	127.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	198	
5°	191	18
15°	138	38
25°	75	35
35°	33	21
45°	10	8
55°	4	4
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	197.9
1°	197.7
2°	196.9
3°	195.5
4°	193.6
5°	191.0
6°	187.9
7°	184.5
8°	180.2
9°	175.3
10°	170.1
11°	164.2
12°	157.9
13°	151.6
14°	144.7
15°	138.0
17.5°	120.5
20°	104.0
22.5°	88.6
25°	75.2
27.5°	63.0
30°	52.2
32.5°	42.1
35°	32.9
37.5°	25.2
40°	18.9
42.5°	13.8
45°	10.2
47.5°	7.7
50°	5.7
52.5°	4.5
55°	4.1
57.5°	3.5
60°	3.2
62.5°	2.6
65°	2.2
67.5°	2.0
70°	1.6
72.5°	1.4
75°	1.2
77.5°	1.0
80°	0.6
82.5°	0.4
85°	0.4
87.5°	0.2



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)