

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: P1287835

Luminaire Tested: P3A05R15W2N902750DE010 E3DLP1GPH_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287835
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R15W2N902750DE010 E3DLP1GPH_4000K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 4000K CCT AND, 90CRI ,
E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

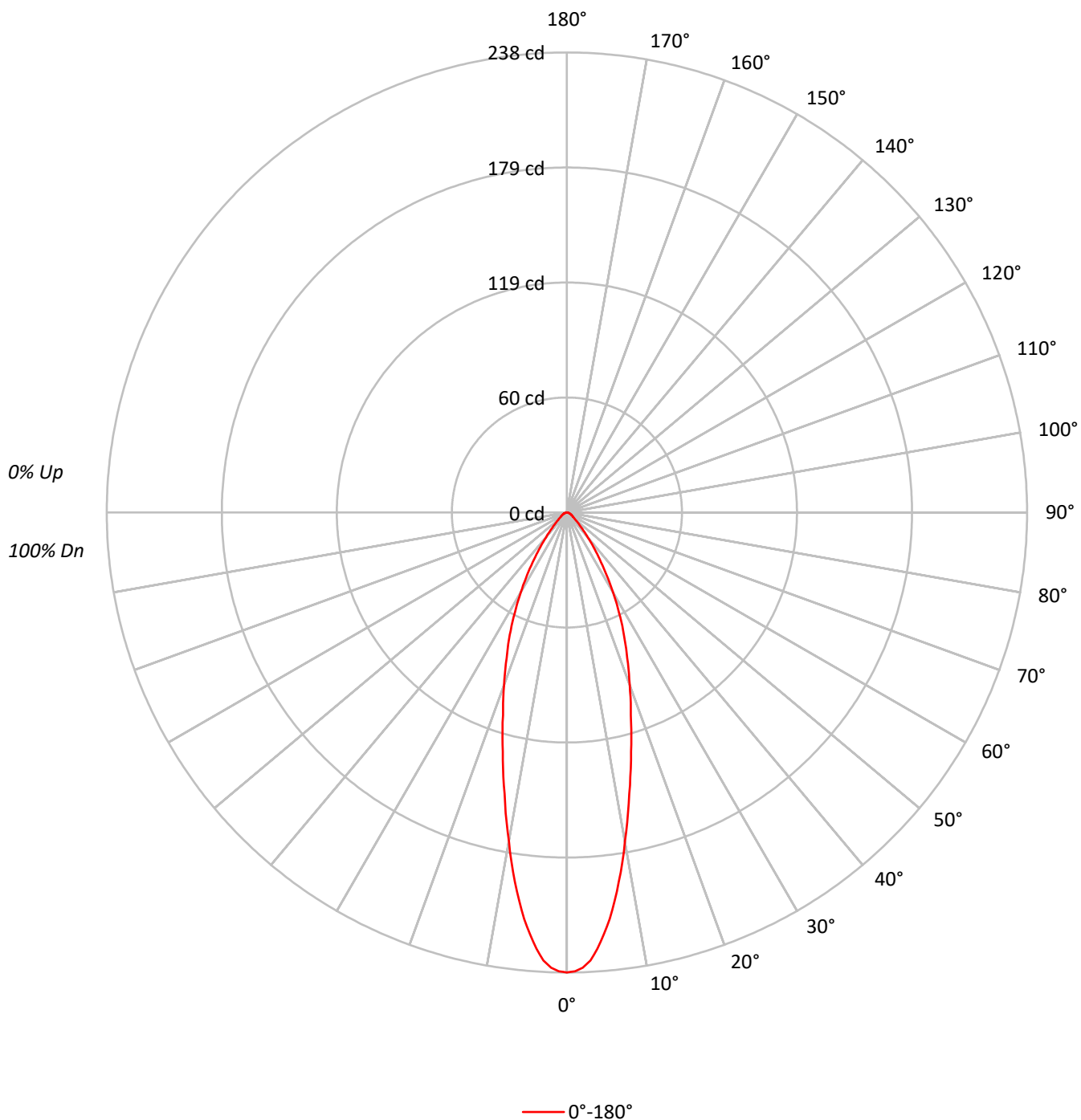
Lumens per Lamp: N/A
Luminaire Lumens: 121.0 lumens
Efficiency: N/A
Efficacy: 20.5 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	106	111	108	106	104	104	102	101		100	99	98		97	96	95	93
2	108	103	98	95	105	101	97	94	98	95	92		95	92	90		92	90	88	86
3	102	96	91	87	100	94	90	86	92	88	85		89	86	83		87	84	82	80
4	97	90	84	80	95	88	83	79	86	82	78		84	81	77		82	79	77	75
5	92	84	78	74	91	83	78	74	81	77	73		80	76	72		78	75	72	70
6	88	79	73	69	87	79	73	69	77	72	69		76	71	68		74	71	68	66
7	84	75	69	65	83	74	69	65	73	68	64		72	67	64		71	67	64	62
8	80	71	65	61	79	71	65	61	69	64	61		68	64	61		67	63	60	59
9	77	68	62	58	76	67	62	58	66	61	58		65	61	57		64	60	57	56
10	74	64	59	55	73	64	59	55	63	58	55		62	58	55		62	57	54	53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	52189
5°	48228
10°	38499
15°	29081
20°	22145
25°	16888
30°	12078
35°	7897
40°	4838
45°	2915
50°	1944
55°	1491
60°	1272
65°	1141
70°	1026
75°	1017
80°	758
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 2915 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.4	16.0
10°-20°	35.8	29.6
20°-30°	31.9	26.3
30°-40°	18.9	15.6
40°-50°	7.7	6.4
50°-60°	3.6	3.0
60°-70°	2.2	1.8
70°-80°	1.2	1.0
80°-90°	0.3	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°	87.1	72.0
0°-40°	106.0	87.5
0°-60°	117.3	96.9
0°-90°	121.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	121.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	238	
5°	219	19
15°	128	36
25°	70	32
35°	30	19
45°	9	8
55°	4	4
65°	2	2
75°	1	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	238.0
1°	237.4
2°	235.6
3°	232.1
4°	226.2
5°	219.1
6°	211.4
7°	202.4
8°	193.0
9°	183.3
10°	172.9
12.5°	149.1
15°	128.1
17.5°	110.0
20°	94.9
22.5°	81.5
25°	69.8
27.5°	58.4
30°	47.7
32.5°	38.1
35°	29.5
37.5°	22.6
40°	16.9
42.5°	12.6
45°	9.4
47.5°	7.3
50°	5.7
52.5°	4.7
55°	3.9
57.5°	3.3
60°	2.9
62.5°	2.6
65°	2.2
67.5°	2.0
70°	1.6
72.5°	1.4
75°	1.2
77.5°	0.8
80°	0.6
82.5°	0.4
85°	0.2
87.5°	0.2
90°	0.0

(END OF REPORT)