

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: P1287792

Luminaire Tested: P3A05R15W2N902750DE010 E3DL1WH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287792
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 E3DL1WH_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 2700K CCT AND, 90CRI ,
E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

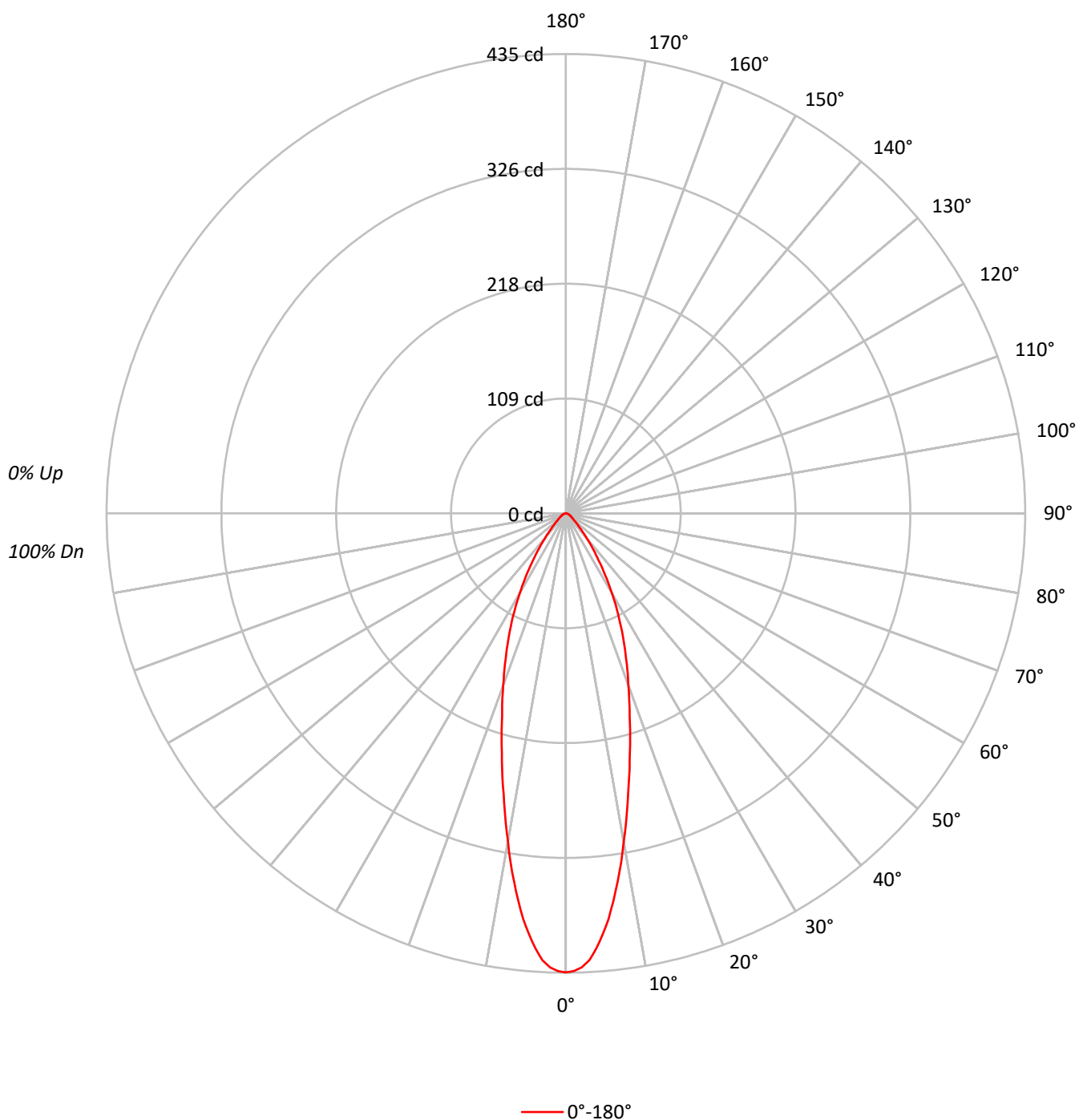
Lumens per Lamp: N/A
Luminaire Lumens: 221.0 lumens
Efficiency: N/A
Efficacy: 37.5 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1287792

CATALOG NUMBER: P3A05R15W2N902750DE010 E3DL1WH_2700K

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	78		82	79	77		75			
5	93	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°	95299
5°	88091
10°	70317
15°	53122
20°	40440
25°	30824
30°	22079
35°	14402
40°	8845
45°	5334
50°	3548
55°	2753
60°	2368
65°	2024
70°	1859
75°	1864
80°	1389
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Luminance: 5334 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	35.4	16.0
10°-20°	65.4	29.6
20°-30°	58.2	26.3
30°-40°	34.4	15.6
40°-50°	14.1	6.4
50°-60°	6.6	3.0
60°-70°	4.0	1.8
70°-80°	2.1	1.0
80°-90°	0.6	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°	159.1	72.0
0°-40°	193.5	87.5
0°-60°	214.3	97.0
0°-90°	221.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	221.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	435	
5°	400	35
15°	234	65
25°	127	58
35°	54	34
45°	17	14
55°	7	7
65°	4	4
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	434.6
1°	433.5
2°	430.3
3°	423.8
4°	413.1
5°	400.2
6°	386.2
7°	369.6
8°	352.4
9°	334.8
10°	315.8
12.5°	272.4
15°	234.0
17.5°	201.0
20°	173.3
22.5°	148.9
25°	127.4
27.5°	106.6
30°	87.2
32.5°	69.6
35°	53.8
37.5°	41.3
40°	30.9
42.5°	23.0
45°	17.2
47.5°	13.3
50°	10.4
52.5°	8.6
55°	7.2
57.5°	6.1
60°	5.4
62.5°	4.7
65°	3.9
67.5°	3.6
70°	2.9
72.5°	2.5
75°	2.2
77.5°	1.4
80°	1.1
82.5°	0.7
85°	0.4
87.5°	0.4
90°	0.0

(END OF REPORT)