

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: P1287832

Luminaire Tested: P3A05R15W2N902750DE010 E3DLP1GPH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287832
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_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 2700K CCT AND, 90CRI ,
E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

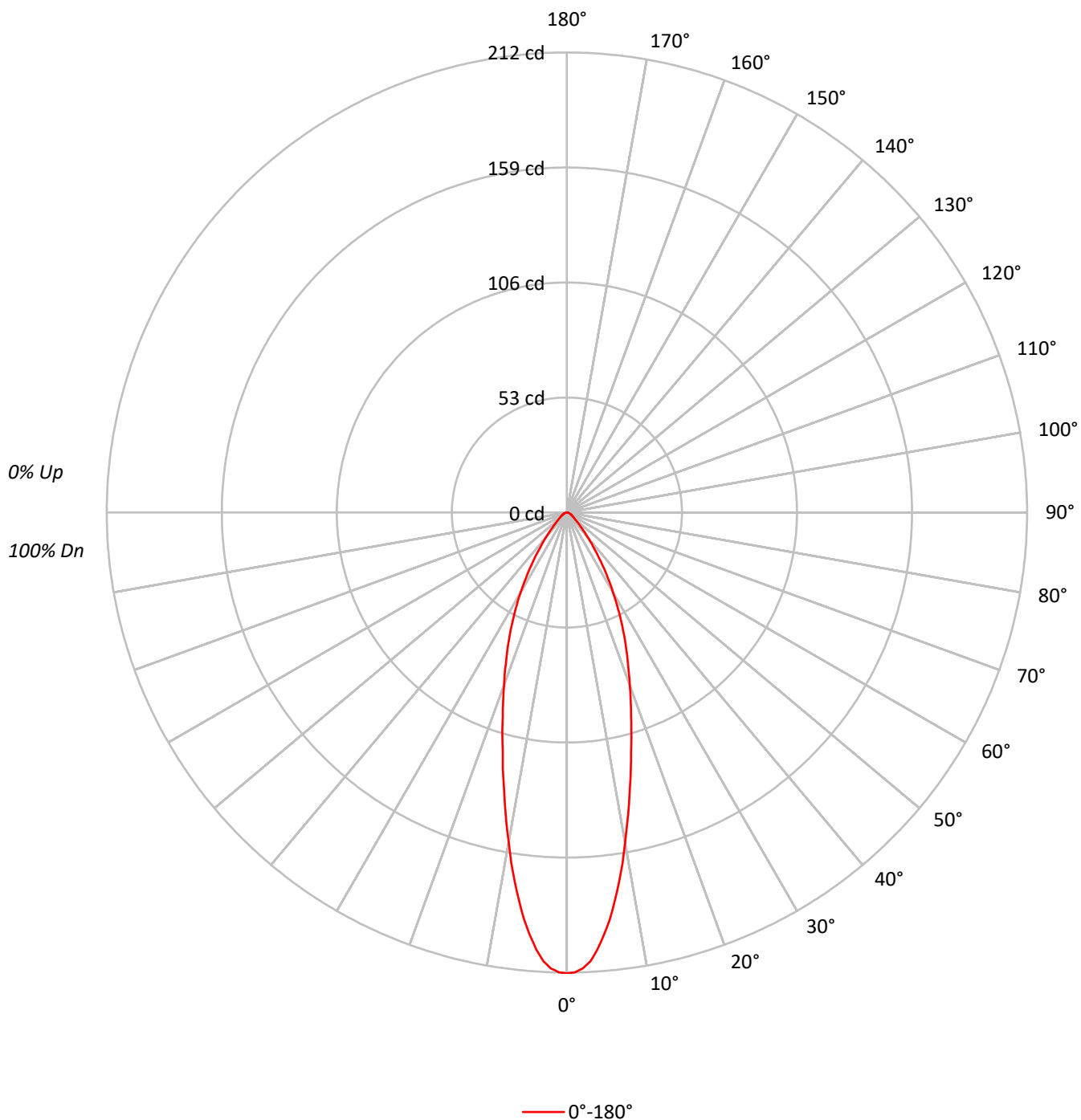
Lumens per Lamp: N/A
Luminaire Lumens: 108.0 lumens
Efficiency: N/A
Efficacy: 18.3 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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					30					10					0
RW	70	50	30	10		70	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
1	113	110	108	106		111	108	106	104		104	102	101		100	99	98		97	96	95
2	108	103	98	95		105	101	97	94		98	95	92		95	92	90		92	90	88
3	102	96	91	87		100	94	90	86		92	88	85		89	86	83		87	84	82
4	97	90	84	80		95	88	83	79		86	82	78		84	81	77		82	79	77
5	92	84	78	74		91	83	78	74		81	77	73		80	76	72		78	75	72
6	88	79	73	69		87	79	73	69		77	72	69		76	71	68		74	71	68
7	84	75	69	65		83	74	69	65		73	68	64		72	67	64		71	67	64
8	80	71	65	61		79	71	65	61		69	64	61		68	64	61		67	63	60
9	77	68	62	58		76	67	62	58		66	61	58		65	61	57		64	60	57
10	74	64	59	55		73	64	59	55		63	58	55		62	58	55		62	57	54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	46575
5°	43033
10°	34357
15°	25948
20°	19765
25°	15073
30°	10786
35°	7040
40°	4322
45°	2605
50°	1740
55°	1338
60°	1140
65°	986
70°	898
75°	932
80°	631
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2605 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.3	16.0
10°-20°	32.0	29.6
20°-30°	28.5	26.3
30°-40°	16.8	15.6
40°-50°	6.9	6.4
50°-60°	3.2	3.0
60°-70°	2.0	1.8
70°-80°	1.0	1.0
80°-90°	0.3	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°	77.7	72.0
0°-40°	94.6	87.5
0°-60°	104.7	96.9
0°-90°	108.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	108.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	212	
5°	196	17
15°	114	32
25°	62	28
35°	26	17
45°	8	7
55°	4	3
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	212.4
1°	211.9
2°	210.3
3°	207.1
4°	201.9
5°	195.5
6°	188.7
7°	180.6
8°	172.2
9°	163.6
10°	154.3
12.5°	133.1
15°	114.3
17.5°	98.2
20°	84.7
22.5°	72.8
25°	62.3
27.5°	52.1
30°	42.6
32.5°	34.0
35°	26.3
37.5°	20.2
40°	15.1
42.5°	11.2
45°	8.4
47.5°	6.5
50°	5.1
52.5°	4.2
55°	3.5
57.5°	3.0
60°	2.6
62.5°	2.3
65°	1.9
67.5°	1.8
70°	1.4
72.5°	1.2
75°	1.1
77.5°	0.7
80°	0.5
82.5°	0.4
85°	0.2
87.5°	0.2
90°	0.0

(END OF REPORT)