

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: P1290714

Luminaire Tested: P3A05R60W2N902750DE010 E3DLP1GPH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1290714
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-37)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R60W2N902750DE010 E3DLP1GPH_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R60 optic, 2700K CCT AND, 90CRI ,
E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

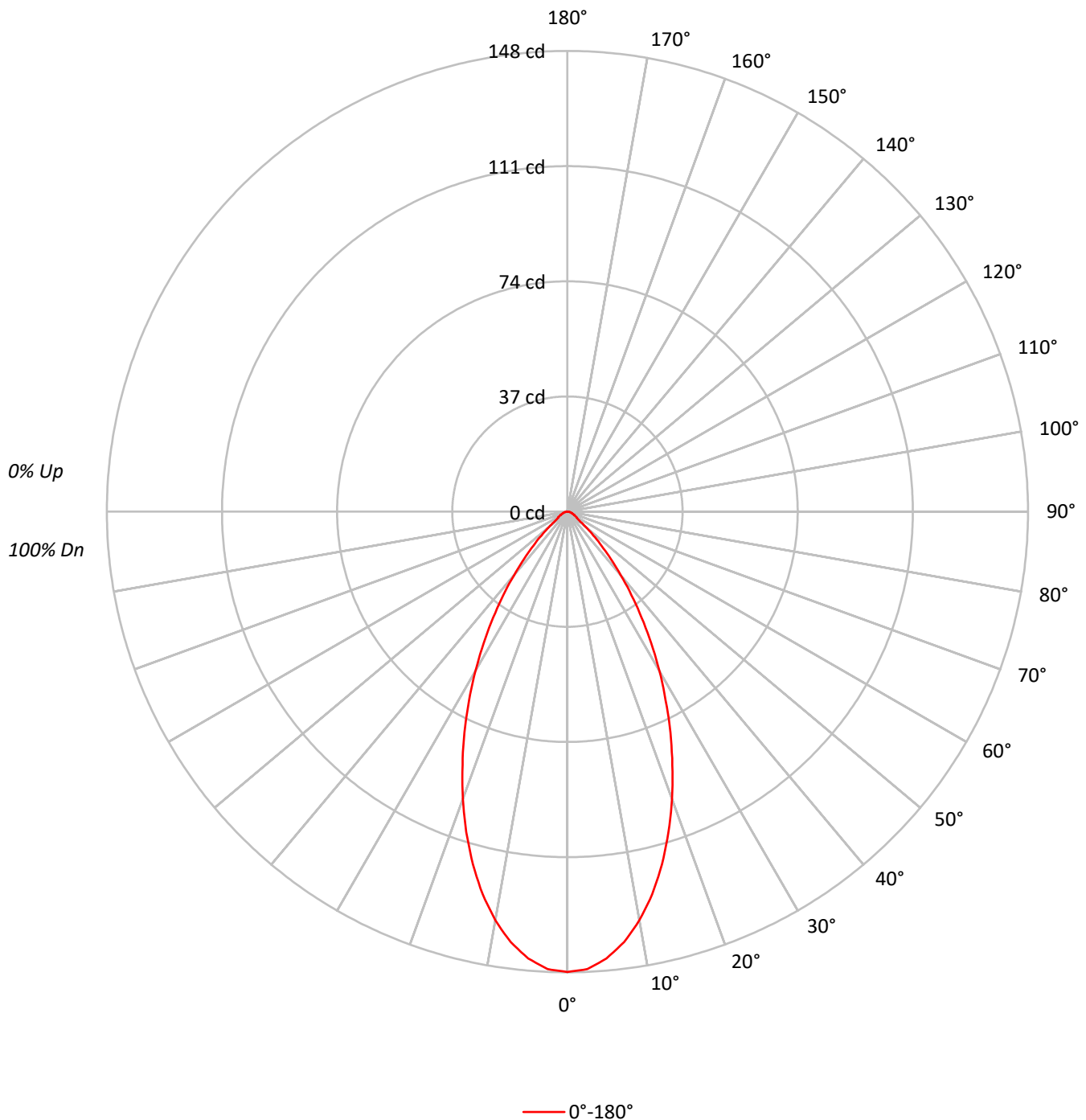
Lumens per Lamp: N/A
Luminaire Lumens: 128.0 lumens
Efficiency: N/A
Efficacy: 21.7 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				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	107	105	110	108	105	103	104	102	100		100	98	97		96	95	94		92
2	107	101	97	93	104	100	96	92	96	93	90		93	91	88		91	88	86		85
3	101	94	88	84	99	92	87	83	90	86	82		87	84	81		85	82	80		78
4	95	87	81	77	93	86	80	76	84	79	75		82	78	74		80	76	73		72
5	90	81	75	70	88	80	74	70	78	73	69		77	72	69		75	71	68		66
6	85	76	69	65	84	75	69	65	73	68	64		72	67	64		71	66	63		62
7	81	71	65	60	79	70	64	60	69	64	60		68	63	59		67	62	59		58
8	77	67	60	56	75	66	60	56	65	60	56		64	59	55		63	58	55		54
9	73	63	57	52	72	62	56	52	61	56	52		60	55	52		60	55	52		50
10	69	59	53	49	68	59	53	49	58	53	49		57	52	49		56	52	49		47

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	32432
5°	31719
10°	29681
15°	26629
20°	22915
25°	18945
30°	14964
35°	11109
40°	7643
45°	4807
50°	2627
55°	1529
60°	1403
65°	1193
70°	1026
75°	1017
80°	884
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 4807 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.4	10.5
10°-20°	32.6	25.5
20°-30°	35.7	27.9
30°-40°	26.0	20.3
40°-50°	12.3	9.6
50°-60°	4.0	3.1
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°	81.7	63.9
0°-40°	107.8	84.2
0°-60°	124.1	97.0
0°-90°	128.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	128.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	148	
5°	144	13
15°	117	33
25°	78	36
35°	42	26
45°	16	12
55°	4	4
65°	2	2
75°	1	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	147.9
2.5°	147.1
5°	144.1
7.5°	139.5
10°	133.3
12.5°	125.9
15°	117.3
17.5°	108.0
20°	98.2
22.5°	88.1
25°	78.3
27.5°	68.4
30°	59.1
32.5°	50.1
35°	41.5
37.5°	33.8
40°	26.7
42.5°	20.6
45°	15.5
47.5°	11.3
50°	7.7
52.5°	5.1
55°	4.0
57.5°	3.5
60°	3.2
62.5°	2.6
65°	2.3
67.5°	1.9
70°	1.6
72.5°	1.4
75°	1.2
77.5°	0.9
80°	0.7
82.5°	0.5
85°	0.4
87.5°	0.2
90°	0.0

(END OF REPORT)