

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: P1289781

Luminaire Tested: P3A05R45W2N902750DE010 E3DLP1GPH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1289781
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R45W2N902750DE010 E3DLP1GPH_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R45 optic, 2700K CCT AND, 90CRI ,
E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

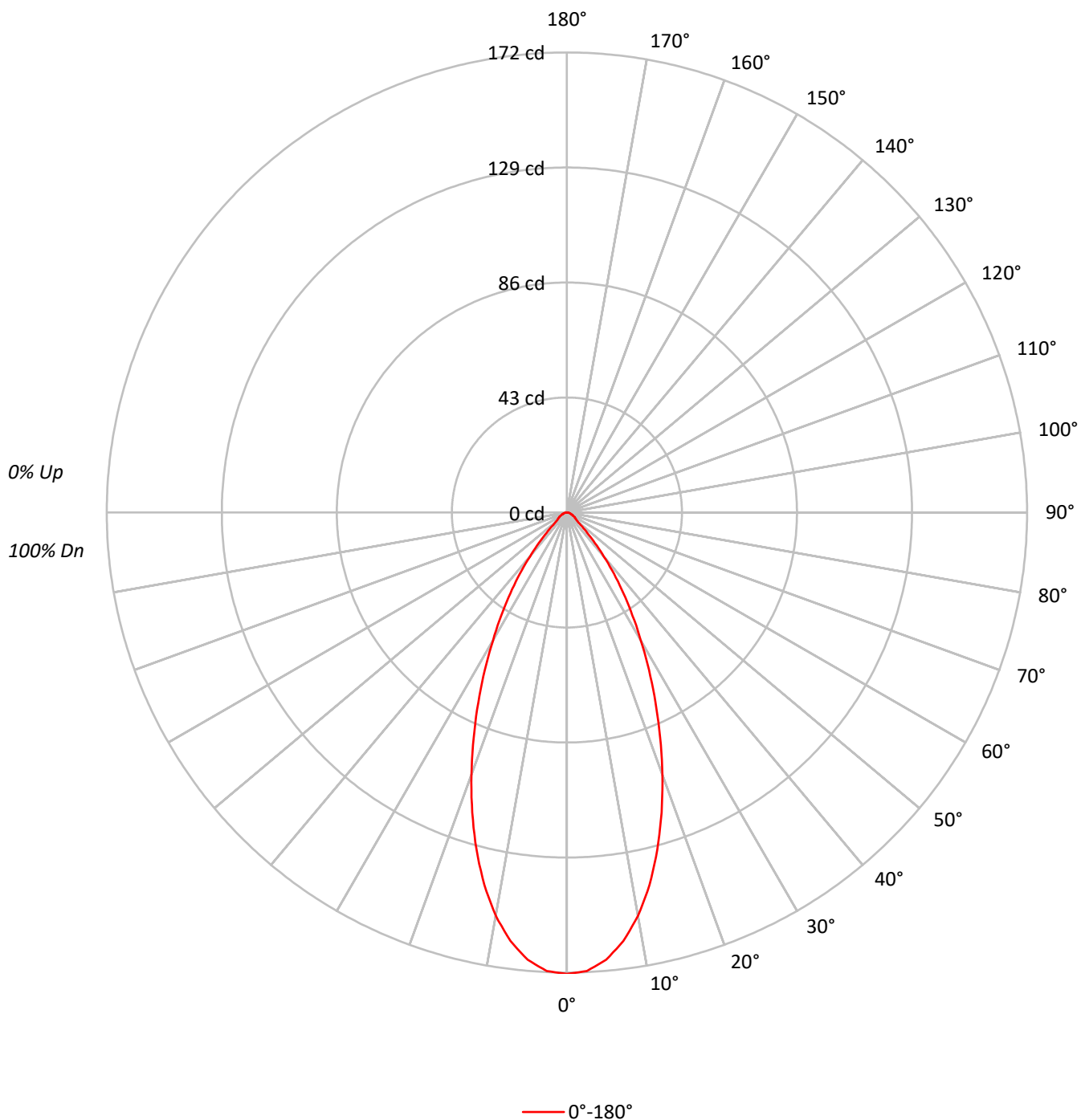
Lumens per Lamp: N/A
Luminaire Lumens: 127.0 lumens
Efficiency: N/A
Efficacy: 21.5 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	107	105	111	108	106	103	104	102	100		100	99	97		97	96	94	93
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91	89	87	86
3	102	95	90	85	100	93	89	85	91	87	83		88	85	82		86	83	81	79
4	96	88	83	78	94	87	82	78	85	81	77		83	79	76		81	78	75	74
5	91	83	77	72	90	82	76	72	80	75	71		78	74	71		77	73	70	69
6	87	78	72	67	85	77	71	67	75	70	66		74	69	66		73	69	66	64
7	83	73	67	63	81	72	67	63	71	66	62		70	65	62		69	65	61	60
8	79	69	63	59	77	68	63	59	67	62	58		66	62	58		65	61	58	56
9	75	65	59	55	74	65	59	55	64	59	55		63	58	55		62	58	55	53
10	72	62	56	52	71	61	56	52	61	55	52		60	55	52		59	55	52	50

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	37826
5°	36958
10°	34090
15°	29648
20°	24362
25°	18945
30°	14002
35°	9851
40°	6154
45°	3318
50°	1808
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: 3318 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.6	12.2
10°-20°	36.1	28.4
20°-30°	35.8	28.2
30°-40°	23.1	18.2
40°-50°	8.9	7.0
50°-60°	3.6	2.8
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°	87.5	68.9
0°-40°	110.6	87.1
0°-60°	123.1	96.9
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°	172	
5°	168	16
15°	131	36
25°	78	36
35°	37	23
45°	11	9
55°	4	4
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	172.5
2.5°	171.6
5°	167.9
7.5°	161.6
10°	153.1
12.5°	142.6
15°	130.6
17.5°	117.6
20°	104.4
22.5°	91.0
25°	78.3
27.5°	66.4
30°	55.3
32.5°	45.6
35°	36.8
37.5°	28.9
40°	21.5
42.5°	15.5
45°	10.7
47.5°	7.2
50°	5.3
52.5°	4.4
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)