

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: P1289785

Luminaire Tested: P3A05R45W2N902750DE010 E3DLP1GPH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1289785
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_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R45 optic, 5000K CCT AND, 90CRI ,
E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

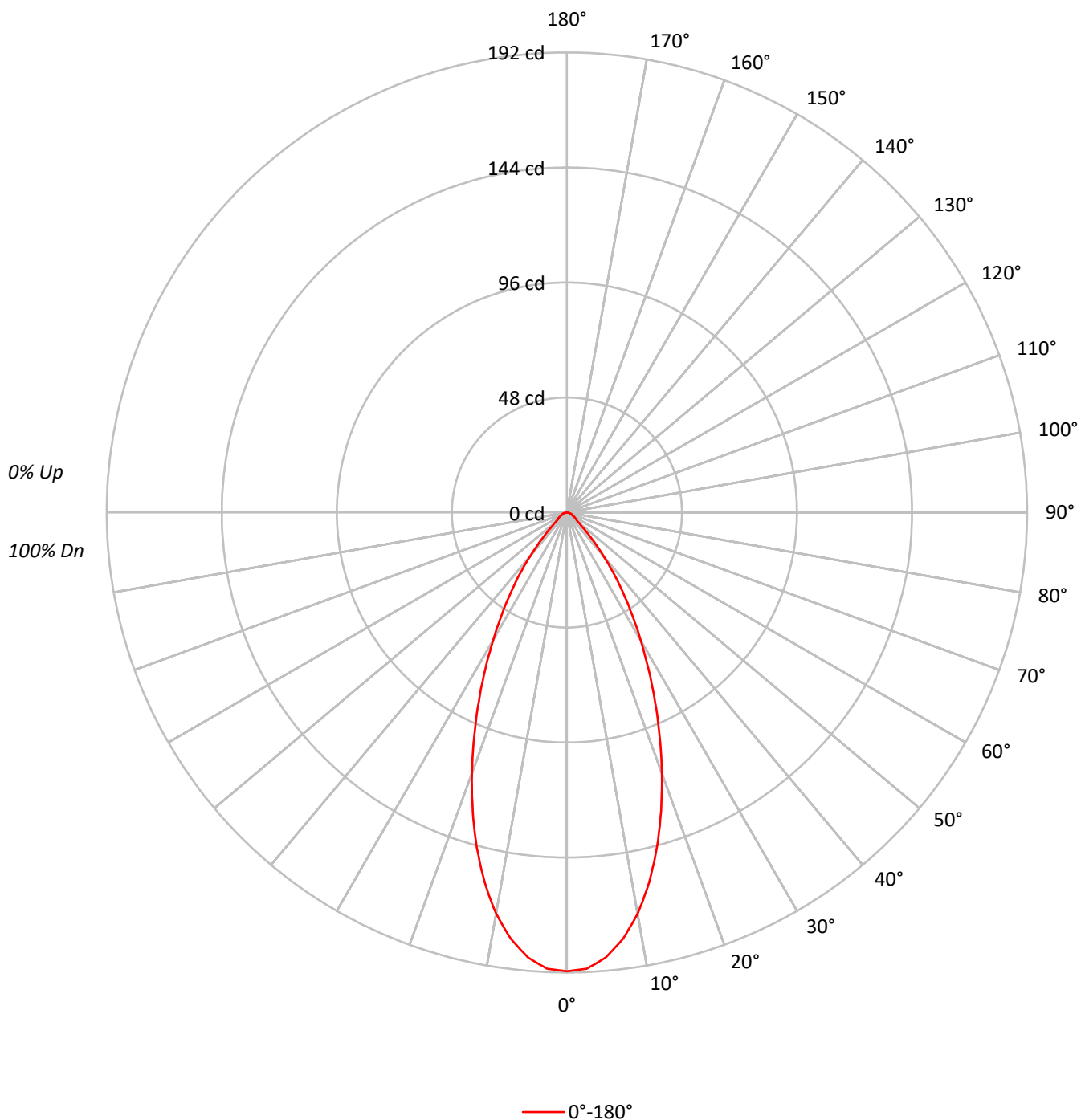
Lumens per Lamp: N/A
Luminaire Lumens: 141.0 lumens
Efficiency: N/A
Efficacy: 23.9 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	62	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°	41992
5°	41030
10°	37853
15°	32917
20°	27046
25°	21050
30°	15547
35°	10922
40°	6813
45°	3690
50°	2013
55°	1720
60°	1535
65°	1297
70°	1154
75°	1186
80°	1010
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 3690 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.3	12.2
10°-20°	40.1	28.4
20°-30°	39.8	28.2
30°-40°	25.6	18.2
40°-50°	9.9	7.0
50°-60°	4.0	2.8
60°-70°	2.5	1.8
70°-80°	1.4	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°	97.2	68.9
0°-40°	122.8	87.1
0°-60°	136.7	96.9
0°-90°	141.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	141.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	192	
5°	186	17
15°	145	40
25°	87	40
35°	41	26
45°	12	10
55°	4	4
65°	2	3
75°	1	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	191.5
2.5°	190.6
5°	186.4
7.5°	179.4
10°	170.0
12.5°	158.3
15°	145.0
17.5°	130.6
20°	115.9
22.5°	101.0
25°	87.0
27.5°	73.7
30°	61.4
32.5°	50.6
35°	40.8
37.5°	32.1
40°	23.8
42.5°	17.2
45°	11.9
47.5°	8.0
50°	5.9
52.5°	4.9
55°	4.5
57.5°	3.9
60°	3.5
62.5°	2.9
65°	2.5
67.5°	2.1
70°	1.8
72.5°	1.6
75°	1.4
77.5°	1.0
80°	0.8
82.5°	0.6
85°	0.4
87.5°	0.2
90°	0.0

(END OF REPORT)