

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: P1293580

Luminaire Tested: P3A09R45W2N902750DE010 E3DLP1GPH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1293580
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: P3A09R45W2N902750DE010 E3DLP1GPH_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R45 optic, 5000K CCT AND, 90CRI ,
E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

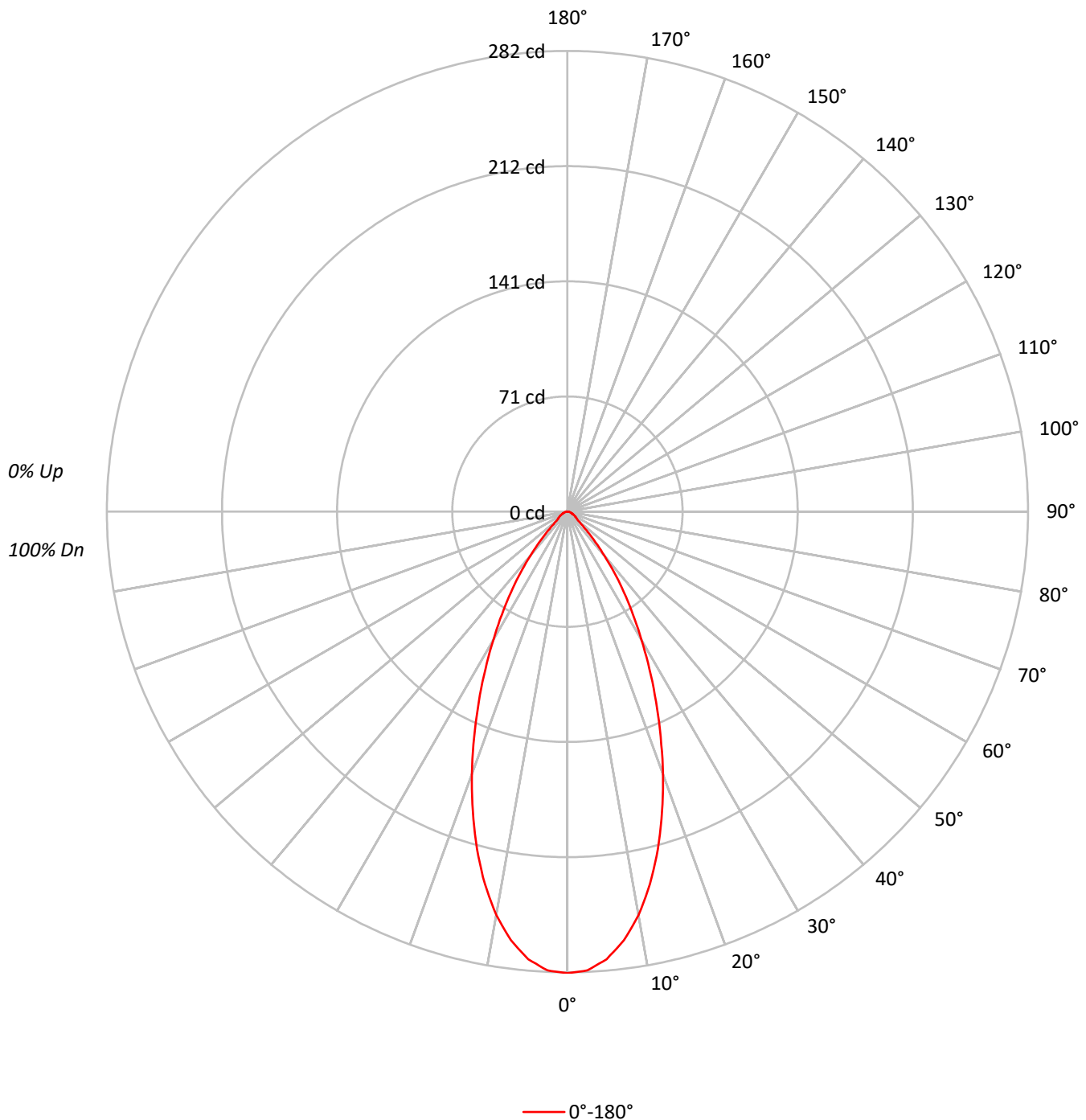
Lumens per Lamp: N/A
Luminaire Lumens: 208.0 lumens
Efficiency: N/A
Efficacy: 23.1 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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: P1293580

CATALOG NUMBER: P3A09R45W2N902750DE010 E3DLP1GPH_5000K

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
RW	70	50	30	10	70	50	30	10	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	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°	61947
5°	60533
10°	55844
15°	48559
20°	39903
25°	31042
30°	22915
35°	16142
40°	10076
45°	5458
50°	2934
55°	2523
60°	2281
65°	1920
70°	1667
75°	1694
80°	1515
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 5458 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.5	12.2
10°-20°	59.1	28.4
20°-30°	58.7	28.2
30°-40°	37.8	18.2
40°-50°	14.6	7.0
50°-60°	5.9	2.8
60°-70°	3.7	1.8
70°-80°	2.0	1.0
80°-90°	0.7	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°	143.3	68.9
0°-40°	181.2	87.1
0°-60°	201.6	96.9
0°-90°	208.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	208.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	282	
5°	275	25
15°	214	59
25°	128	59
35°	60	38
45°	18	15
55°	7	6
65°	4	4
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	282.5
2.5°	281.1
5°	275.0
7.5°	264.7
10°	250.8
12.5°	233.5
15°	213.9
17.5°	192.6
20°	171.0
22.5°	149.1
25°	128.3
27.5°	108.7
30°	90.5
32.5°	74.7
35°	60.3
37.5°	47.3
40°	35.2
42.5°	25.4
45°	17.6
47.5°	11.8
50°	8.6
52.5°	7.2
55°	6.6
57.5°	5.8
60°	5.2
62.5°	4.3
65°	3.7
67.5°	3.2
70°	2.6
72.5°	2.3
75°	2.0
77.5°	1.4
80°	1.2
82.5°	0.9
85°	0.6
87.5°	0.3
90°	0.0

(END OF REPORT)