

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: P1297371

Luminaire Tested: P3AS13R45W2N902750DE010 E3DLP1GPH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1297371
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: P3AS13R45W2N902750DE010 E3DLP1GPH_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R45 optic, 2700K CCT AND, 90CRI ,
E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

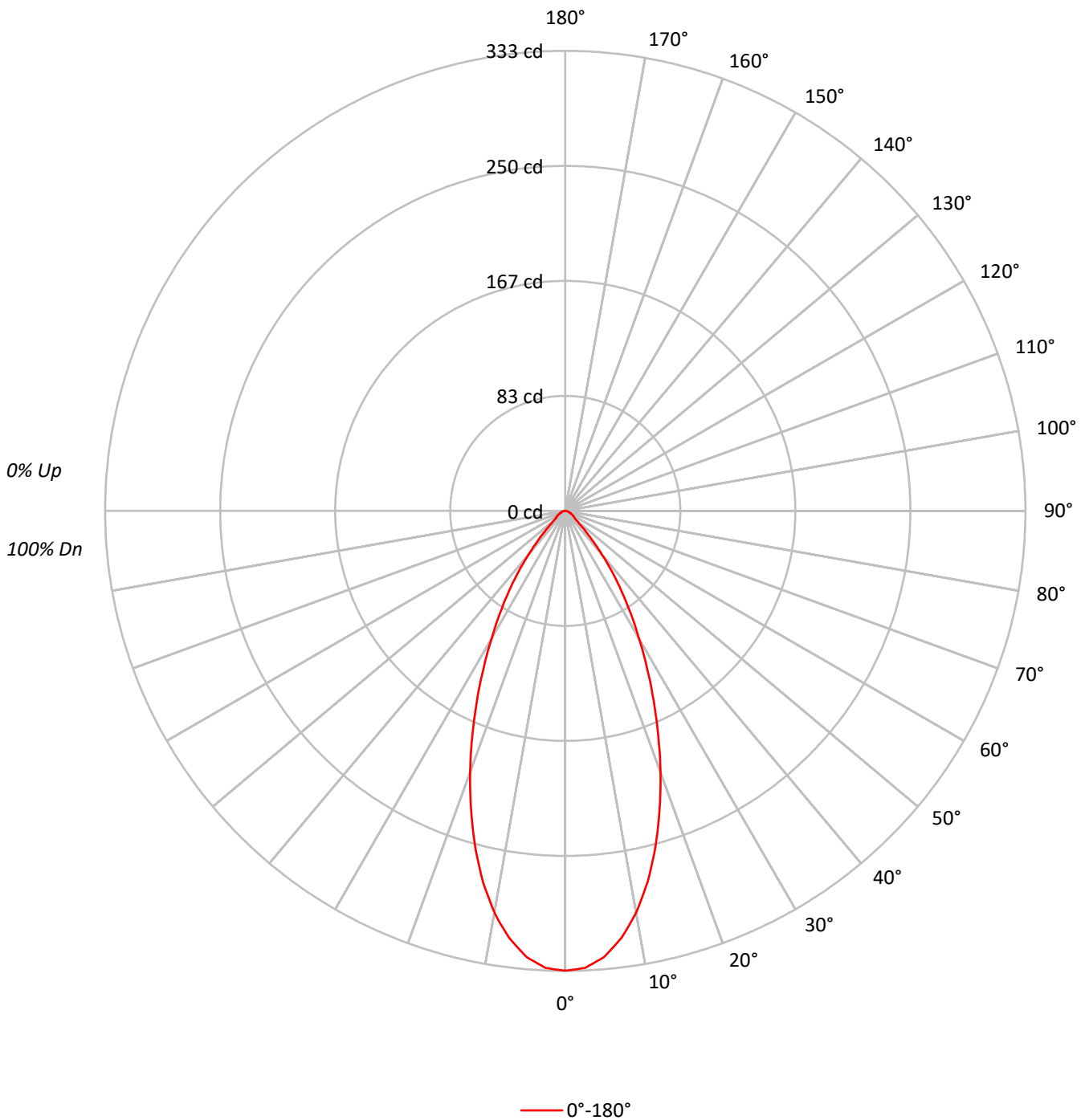
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 245.0 lumens
Efficiency: N/A
Efficacy: 19.9 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): 12.3
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: P1297371
CATALOG NUMBER: P3AS13R45W2N902750DE010 E3DLP1GPH_2700K

Luminous Intensity Polar Plot





TEST NUMBER: P1297371

CATALOG NUMBER: P3AS13R45W2N902750DE010 E3DLP1GPH_2700K

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	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			100
1	113	110	107	105	111	108	106	103	104	102	100	100	99	97	97	96	94	93			93
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	86			86
3	102	95	90	85	100	93	89	85	91	87	83	88	85	82	86	83	81	79			79
4	96	88	83	78	94	87	82	78	85	81	77	83	79	76	81	78	75	74			74
5	91	83	77	72	90	82	76	72	80	75	71	78	74	71	77	73	70	69			69
6	87	78	72	67	85	77	71	67	75	70	66	74	69	66	73	69	66	64			64
7	83	73	67	63	81	72	67	63	71	66	62	70	65	62	69	65	61	60			60
8	79	69	63	59	77	68	63	59	67	62	58	66	62	58	65	61	58	56			56
9	75	65	59	55	74	65	59	55	64	59	55	63	58	55	62	58	55	53			53
10	72	62	56	52	71	61	56	52	61	55	52	60	55	52	59	55	52	50			50

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	72977
5°	71318
10°	65775
15°	57208
20°	46997
25°	36559
30°	26991
35°	19006
40°	11851
45°	6419
50°	3480
55°	2982
60°	2675
65°	2283
70°	1988
75°	2033
80°	1768
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 6419 cd/sqm



TEST NUMBER: P1297371

CATALOG NUMBER: P3AS13R45W2N902750DE010 E3DLP1GPH_2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.0	12.2
10°-20°	69.7	28.4
20°-30°	69.2	28.2
30°-40°	44.5	18.2
40°-50°	17.1	7.0
50°-60°	7.0	2.8
60°-70°	4.4	1.8
70°-80°	2.4	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°	168.8	68.9
0°-40°	213.4	87.1
0°-60°	237.5	96.9
0°-90°	245.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	245.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	333	
5°	324	30
15°	252	70
25°	151	69
35°	71	45
45°	21	17
55°	8	7
65°	4	4
75°	2	2
85°	1	1
90°	0	



TEST NUMBER: P1297371
CATALOG NUMBER: P3AS13R45W2N902750DE010 E3DLP1GPH_2700K

CANDELA DISTRIBUTION (FULL):

	0°
0°	332.8
2.5°	331.1
5°	324.0
7.5°	311.7
10°	295.4
12.5°	275.1
15°	252.0
17.5°	226.8
20°	201.4
22.5°	175.6
25°	151.1
27.5°	128.0
30°	106.6
32.5°	88.0
35°	71.0
37.5°	55.7
40°	41.4
42.5°	29.9
45°	20.7
47.5°	13.9
50°	10.2
52.5°	8.5
55°	7.8
57.5°	6.8
60°	6.1
62.5°	5.1
65°	4.4
67.5°	3.7
70°	3.1
72.5°	2.7
75°	2.4
77.5°	1.7
80°	1.4
82.5°	1.0
85°	0.7
87.5°	0.3
90°	0.0

(END OF REPORT)