

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: P1298915

Luminaire Tested: P3A13R70W2N902750DE010 E3DLP1GPH_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1298915
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-45)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R70W2N902750DE010 E3DLP1GPH_4000K
Description: 3in Adjustable Tunable White LED luminaire with, R70 optic, 4000K CCT AND, 90CRI ,
E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

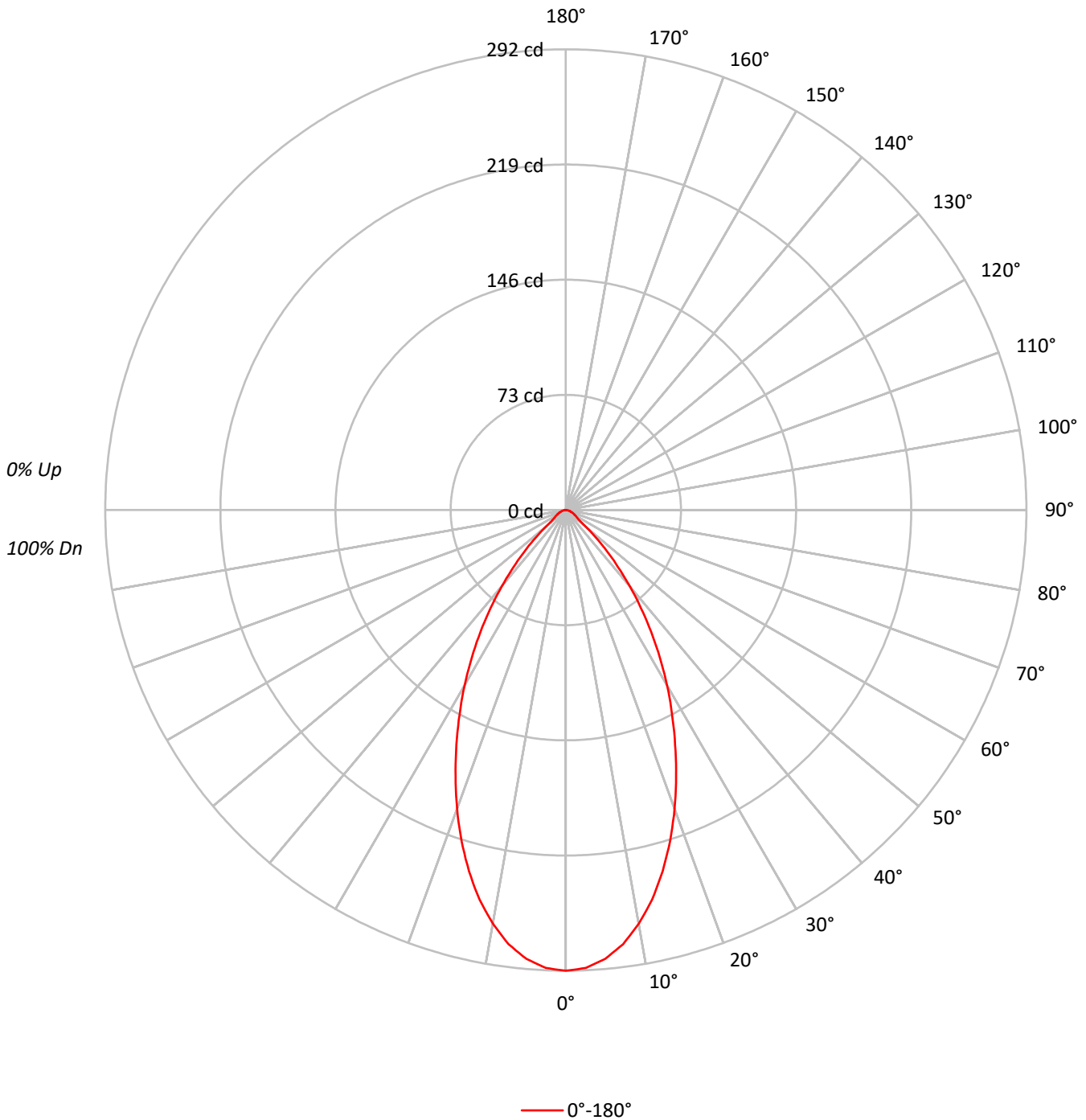
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 273.0 lumens
Efficiency: N/A
Efficacy: 22.2 lumens/watt
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.87
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: P1298915
CATALOG NUMBER: P3A13R70W2N902750DE010 E3DLP1GPH_4000K

Luminous Intensity Polar Plot





TEST NUMBER: P1298915
 CATALOG NUMBER: P3A13R70W2N902750DE010 E3DLP1GPH_4000K

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	104	110	107	105	103	103	101	100	100	98	97	96	95	94	92			92
2	106	101	97	93	104	99	95	92	96	93	90	93	90	88	90	88	86	84			84
3	100	93	88	83	98	92	87	83	89	85	81	87	83	80	84	81	79	77			77
4	95	86	80	76	93	85	80	75	83	78	74	81	77	73	79	76	73	71			71
5	89	80	74	69	88	79	73	69	78	72	68	76	71	68	74	70	67	65			65
6	85	75	68	64	83	74	68	64	73	67	63	71	66	63	70	65	62	61			61
7	80	70	64	59	79	69	63	59	68	62	58	67	62	58	66	61	58	56			56
8	76	66	59	55	75	65	59	55	64	58	54	63	58	54	62	57	54	52			52
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	49			49
10	69	58	52	48	67	58	52	48	57	51	48	56	51	48	55	51	47	46			46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	64030
5°	62866
10°	59273
15°	53803
20°	47044
25°	39680
30°	32511
35°	25217
40°	18034
45°	11412
50°	5697
55°	3479
60°	2982
65°	2750
70°	2436
75°	2288
80°	1894
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 11412 cd/sqm



TEST NUMBER: P1298915

CATALOG NUMBER: P3A13R70W2N902750DE010 E3DLP1GPH_4000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.6	9.8
10°-20°	65.9	24.2
20°-30°	75.1	27.5
30°-40°	58.7	21.5
40°-50°	28.8	10.6
50°-60°	8.9	3.2
60°-70°	5.3	1.9
70°-80°	2.8	1.0
80°-90°	0.8	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°	167.7	61.4
0°-40°	226.4	82.9
0°-60°	264.1	96.7
0°-90°	273.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	273.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	292	
5°	286	27
15°	237	66
25°	164	75
35°	94	59
45°	37	29
55°	9	9
65°	5	5
75°	3	3
85°	1	1
90°	0	



TEST NUMBER: P1298915
CATALOG NUMBER: P3A13R70W2N902750DE010 E3DLP1GPH_4000K

CANDELA DISTRIBUTION (FULL):

	0°
0°	292.0
2.5°	290.5
5°	285.6
7.5°	277.6
10°	266.2
12.5°	252.9
15°	237.0
17.5°	219.9
20°	201.6
22.5°	182.7
25°	164.0
27.5°	145.8
30°	128.4
32.5°	110.9
35°	94.2
37.5°	78.2
40°	63.0
42.5°	49.0
45°	36.8
47.5°	25.8
50°	16.7
52.5°	11.0
55°	9.1
57.5°	8.0
60°	6.8
62.5°	6.1
65°	5.3
67.5°	4.6
70°	3.8
72.5°	3.0
75°	2.7
77.5°	2.3
80°	1.5
82.5°	1.1
85°	0.8
87.5°	0.4
90°	0.0

(END OF REPORT)