

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: P1298305

Luminaire Tested: P3A13R60W2N902750DE010 E3DLP1GPH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1298305
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-37)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R60W2N902750DE010 E3DLP1GPH_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R60 optic, 3000K CCT AND, 90CRI ,
E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

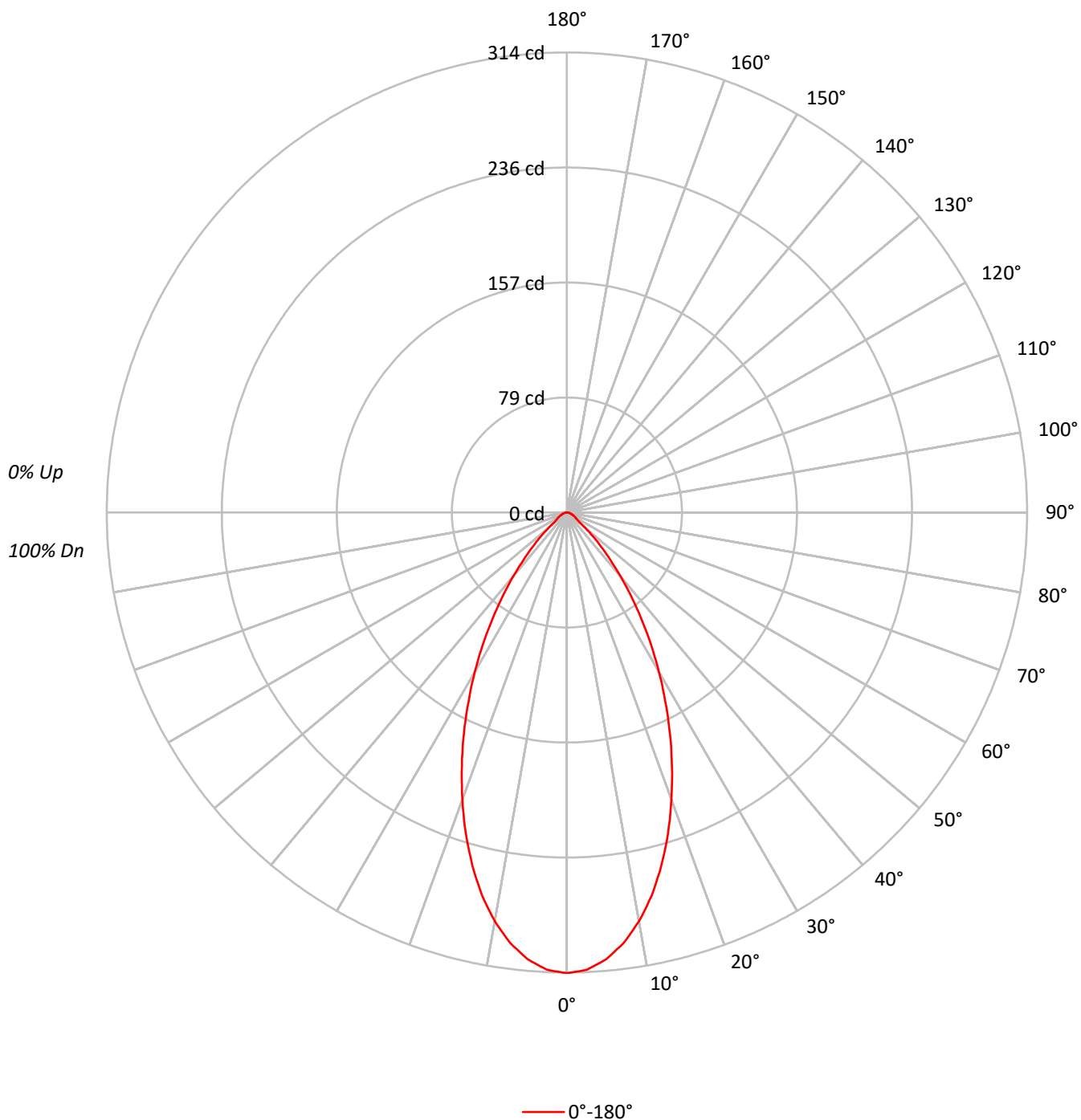
Lumens per Lamp: N/A
Luminaire Lumens: 272.0 lumens
Efficiency: N/A
Efficacy: 22.1 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1298305

CATALOG NUMBER: P3A13R60W2N902750DE010 E3DLP1GPH_3000K

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	102	102	100
1	113	110	107	105	110	108	105	103	104	102	100	100	98	97	96	95	94	94	94	92
2	107	101	97	93	104	100	96	92	96	93	90	93	91	88	91	88	86	86	86	85
3	101	94	88	84	99	92	87	83	90	86	82	87	84	81	85	82	80	80	80	78
4	95	87	81	77	93	86	80	76	84	79	75	82	78	74	80	76	73	73	73	72
5	90	81	75	70	88	80	74	70	78	73	69	77	72	69	75	71	68	68	68	66
6	85	76	69	65	84	75	69	65	73	68	64	72	67	64	71	66	63	63	63	62
7	81	71	65	60	79	70	64	60	69	64	60	68	63	59	67	62	59	59	59	58
8	77	67	60	56	75	66	60	56	65	60	56	64	59	55	63	58	55	55	55	54
9	73	63	57	52	72	62	56	52	61	56	52	60	55	52	60	55	52	52	52	50
10	69	59	53	49	68	59	53	49	58	53	49	57	52	49	56	52	49	49	49	47

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	68942
5°	67378
10°	63081
15°	56595
20°	48678
25°	40236
30°	31802
35°	23610
40°	16259
45°	10203
50°	5595
55°	3288
60°	2938
65°	2542
70°	2180
75°	2203
80°	1894
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 10203 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.5	10.5
10°-20°	69.2	25.5
20°-30°	76.0	27.9
30°-40°	55.3	20.3
40°-50°	26.1	9.6
50°-60°	8.6	3.1
60°-70°	4.9	1.8
70°-80°	2.6	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°	173.7	63.9
0°-40°	229.0	84.2
0°-60°	263.7	97.0
0°-90°	272.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	272.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	314	
5°	306	28
15°	249	69
25°	166	76
35°	88	55
45°	33	26
55°	9	9
65°	5	5
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	314.4
2.5°	312.5
5°	306.1
7.5°	296.4
10°	283.3
12.5°	267.6
15°	249.3
17.5°	229.5
20°	208.6
22.5°	187.3
25°	166.3
27.5°	145.4
30°	125.6
32.5°	106.5
35°	88.2
37.5°	71.8
40°	56.8
42.5°	43.7
45°	32.9
47.5°	23.9
50°	16.4
52.5°	10.8
55°	8.6
57.5°	7.5
60°	6.7
62.5°	5.6
65°	4.9
67.5°	4.1
70°	3.4
72.5°	3.0
75°	2.6
77.5°	1.9
80°	1.5
82.5°	1.1
85°	0.7
87.5°	0.4
90°	0.0

(END OF REPORT)