

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: P1298308

Luminaire Tested: P3A13R60W2N902750DE010 E3DLP1GPH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1298308
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_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R60 optic, 5000K CCT AND, 90CRI ,
E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

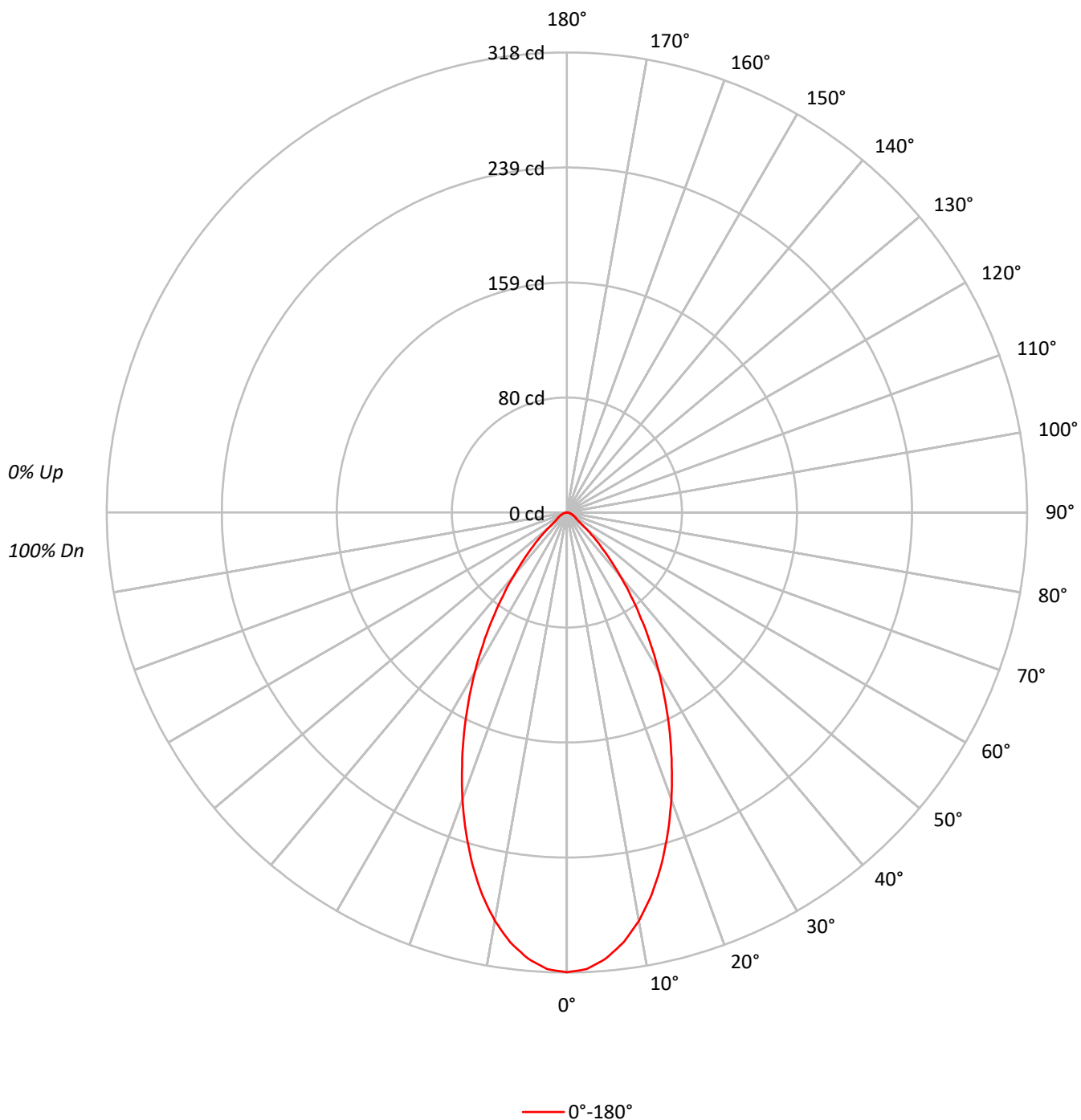
Lumens per Lamp: N/A
Luminaire Lumens: 275.0 lumens
Efficiency: N/A
Efficacy: 22.4 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	69687
5°	68127
10°	63793
15°	57231
20°	49214
25°	40696
30°	32157
35°	23878
40°	16431
45°	10327
50°	5663
55°	3326
60°	2982
65°	2542
70°	2180
75°	2203
80°	1894
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10327 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.8	10.5
10°-20°	70.0	25.5
20°-30°	76.8	27.9
30°-40°	55.9	20.3
40°-50°	26.4	9.6
50°-60°	8.7	3.2
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°	175.6	63.9
0°-40°	231.6	84.2
0°-60°	266.7	97.0
0°-90°	275.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	275.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	318	
5°	310	29
15°	252	70
25°	168	77
35°	89	56
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°	317.8
2.5°	315.9
5°	309.5
7.5°	299.7
10°	286.5
12.5°	270.6
15°	252.1
17.5°	232.0
20°	210.9
22.5°	189.3
25°	168.2
27.5°	147.0
30°	127.0
32.5°	107.7
35°	89.2
37.5°	72.6
40°	57.4
42.5°	44.2
45°	33.3
47.5°	24.2
50°	16.6
52.5°	11.0
55°	8.7
57.5°	7.6
60°	6.8
62.5°	5.7
65°	4.9
67.5°	4.2
70°	3.4
72.5°	3.0
75°	2.6
77.5°	1.9
80°	1.5
82.5°	1.1
85°	0.8
87.5°	0.4
90°	0.0

(END OF REPORT)