

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: P1298283

Luminaire Tested: P3A13R60W2N902750DE010 E3DLD1H_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1298283
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-38)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R60W2N902750DE010 E3DLD1H_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R60 optic, 5000K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

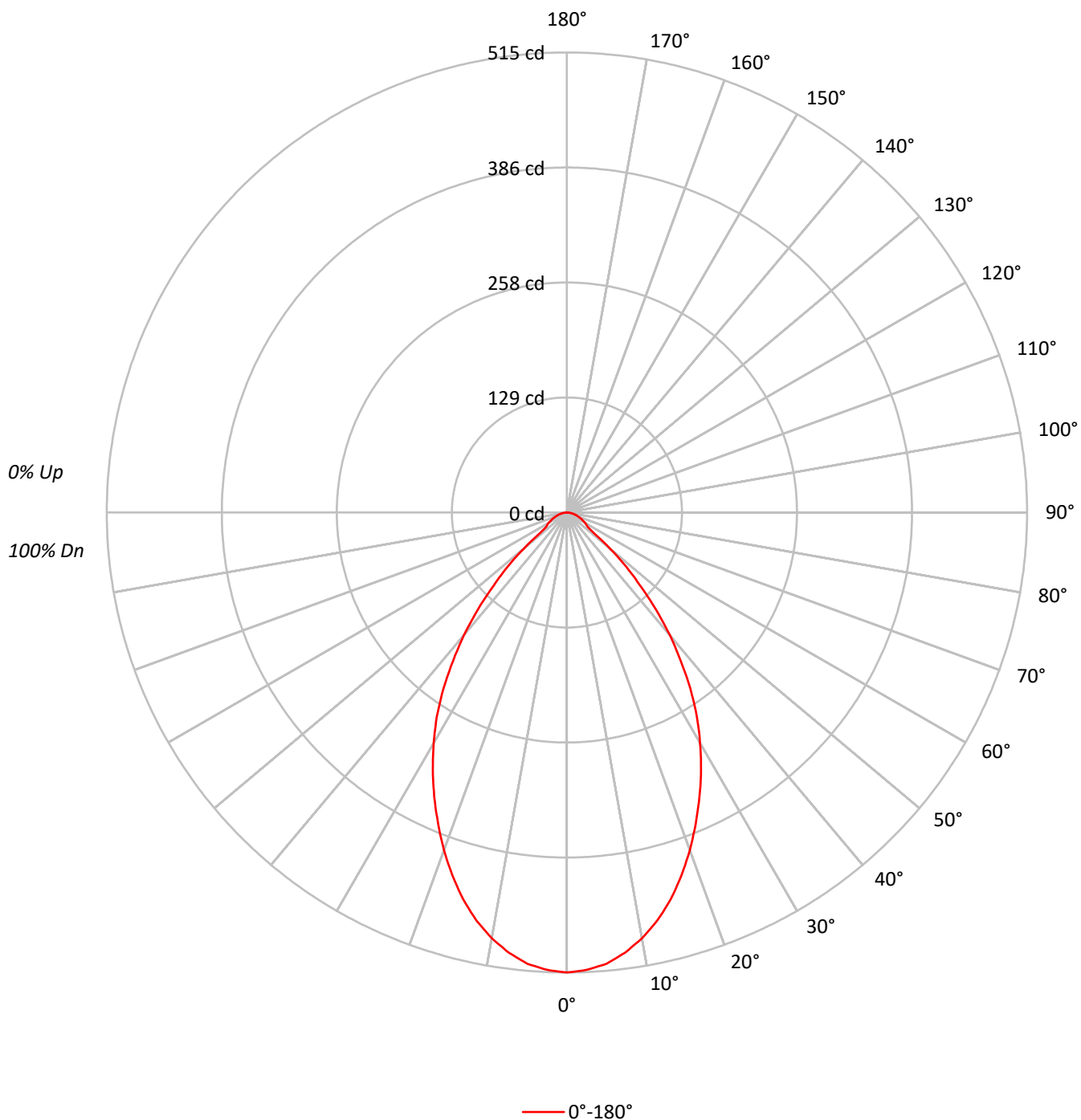
Lumens per Lamp: N/A
Luminaire Lumens: 636.0 lumens
Efficiency: N/A
Efficacy: 51.7 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	112	109	106	103	110	107	104	101	102	100	98	99	97	95	95	94	93	91			
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	86	84	82			
3	99	91	85	80	96	89	84	79	87	82	78	84	80	77	82	78	76	74			
4	92	83	77	72	90	82	76	71	80	75	70	78	73	70	76	72	69	67			
5	87	77	70	65	85	76	69	65	74	68	64	72	67	63	71	66	63	61			
6	82	71	64	59	80	70	64	59	69	63	58	67	62	58	66	61	58	56			
7	77	66	59	54	75	65	59	54	64	58	54	63	57	53	61	57	53	51			
8	72	61	55	50	71	61	54	50	60	54	49	59	53	49	58	53	49	47			
9	68	57	51	46	67	57	50	46	56	50	46	55	49	46	54	49	45	44			
10	65	54	47	43	64	53	47	43	52	47	43	52	46	42	51	46	42	41			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	112908
5°	111622
10°	107769
15°	101817
20°	93855
25°	84973
30°	75455
35°	64460
40°	51267
45°	36159
50°	21594
55°	10934
60°	10482
65°	9599
70°	8912
75°	8472
80°	7829
85°	5787

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 36159 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	47.7	7.5
10°-20°	125.3	19.7
20°-30°	160.9	25.3
30°-40°	149.2	23.5
40°-50°	90.8	14.3
50°-60°	30.3	4.8
60°-70°	18.4	2.9
70°-80°	10.4	1.6
80°-90°	2.9	0.5
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°	333.9	52.5
0°-40°	483.1	76.0
0°-60°	604.3	95.0
0°-90°	636.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	636.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	515	
5°	507	48
15°	448	125
25°	351	161
35°	241	149
45°	117	91
55°	29	30
65°	18	18
75°	10	10
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	514.9
2.5°	512.5
5°	507.1
7.5°	497.1
10°	484.0
12.5°	467.8
15°	448.5
17.5°	426.1
20°	402.2
22.5°	376.7
25°	351.2
27.5°	325.0
30°	298.0
32.5°	270.9
35°	240.8
37.5°	209.2
40°	179.1
42.5°	147.4
45°	116.6
47.5°	90.3
50°	63.3
52.5°	37.8
55°	28.6
57.5°	26.2
60°	23.9
62.5°	20.8
65°	18.5
67.5°	16.2
70°	13.9
72.5°	11.6
75°	10.0
77.5°	7.7
80°	6.2
82.5°	3.9
85°	2.3
87.5°	1.5
90°	0.0

(END OF REPORT)