

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: P1298445

Luminaire Tested: P3A13R60W2N902765DE010 E3DLD1H_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1298445
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: P3A13R60W2N902765DE010 E3DLD1H_4000K
Description: 3in Adjustable Tunable White LED luminaire with, R60 optic, 4000K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

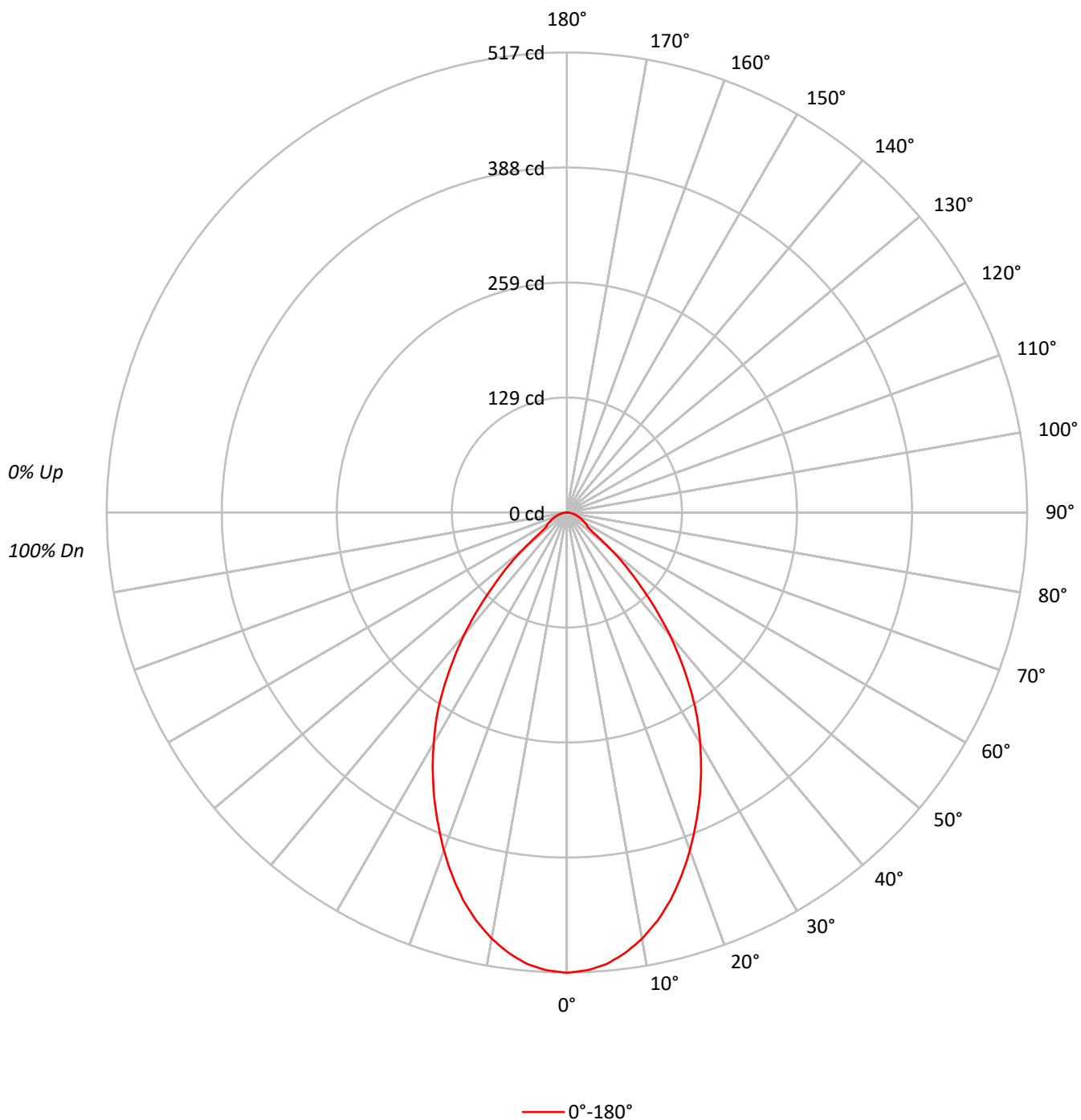
Lumens per Lamp: N/A
Luminaire Lumens: 639.0 lumens
Efficiency: N/A
Efficacy: 52.0 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	113434
5°	112150
10°	108281
15°	102293
20°	94298
25°	85384
30°	75809
35°	64782
40°	51496
45°	36314
50°	21697
55°	10972
60°	10525
65°	9651
70°	8976
75°	8557
80°	7829
85°	5787

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 36314 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	47.9	7.5
10°-20°	125.9	19.7
20°-30°	161.7	25.3
30°-40°	149.9	23.5
40°-50°	91.3	14.3
50°-60°	30.4	4.8
60°-70°	18.5	2.9
70°-80°	10.4	1.6
80°-90°	3.0	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°	335.5	52.5
0°-40°	485.4	76.0
0°-60°	607.1	95.0
0°-90°	639.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	639.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	517	
5°	510	48
15°	451	126
25°	353	162
35°	242	150
45°	117	91
55°	29	30
65°	19	19
75°	10	10
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	517.3
2.5°	515.0
5°	509.5
7.5°	499.5
10°	486.3
12.5°	470.0
15°	450.6
17.5°	428.1
20°	404.1
22.5°	378.5
25°	352.9
27.5°	326.5
30°	299.4
32.5°	272.2
35°	242.0
37.5°	210.2
40°	179.9
42.5°	148.1
45°	117.1
47.5°	90.7
50°	63.6
52.5°	38.0
55°	28.7
57.5°	26.4
60°	24.0
62.5°	20.9
65°	18.6
67.5°	16.3
70°	14.0
72.5°	11.6
75°	10.1
77.5°	7.8
80°	6.2
82.5°	3.9
85°	2.3
87.5°	1.6
90°	0.0

(END OF REPORT)