

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: P1257582

Luminaire Tested: P3AS13R659040DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257582
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-42)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R659040DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R65 optic, 4000K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

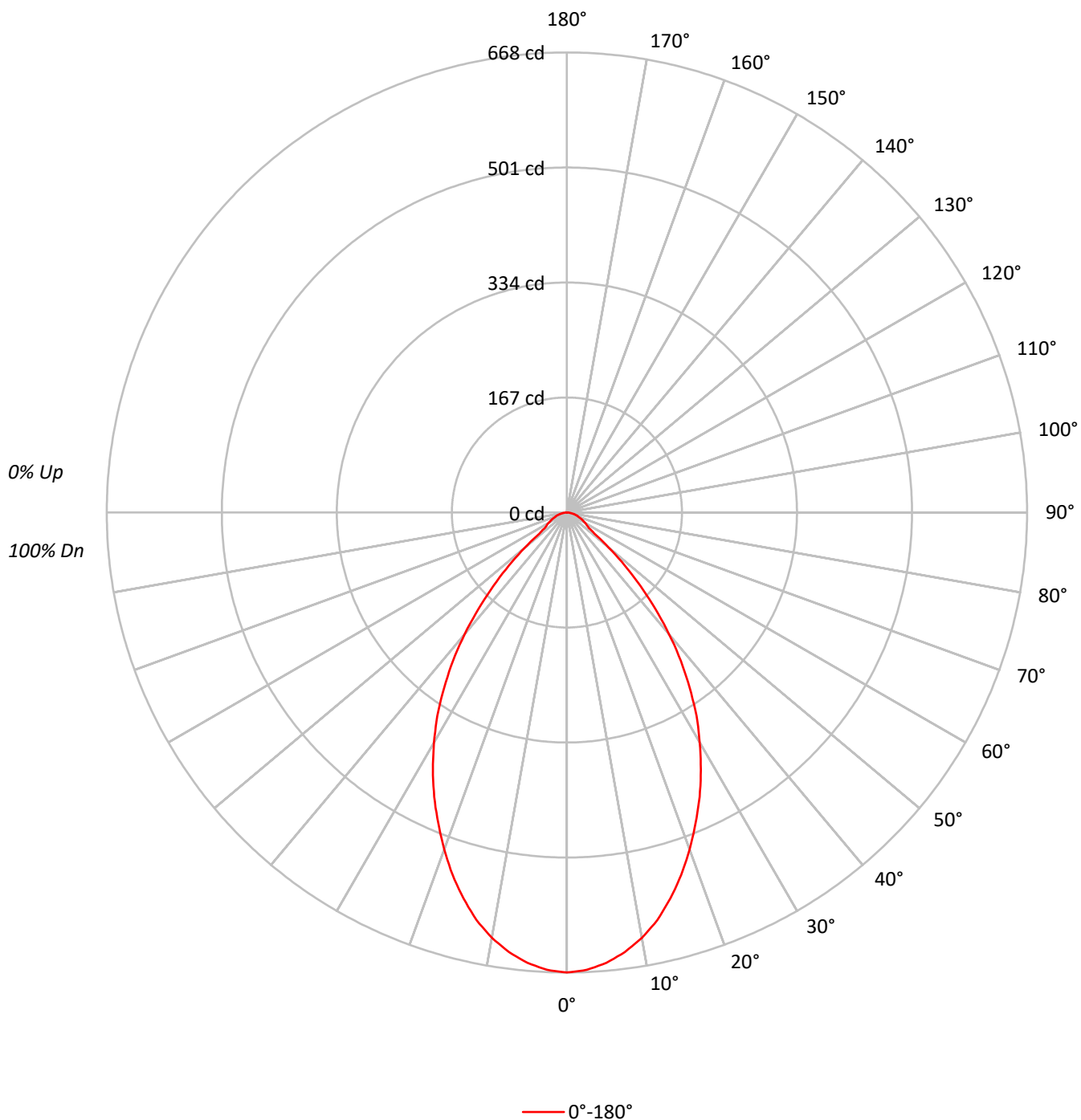
Lumens per Lamp: N/A
Luminaire Lumens: 823.0 lumens
Efficiency: N/A
Efficacy: 56.4 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	112	109	106	103	110	107	104	101	102	100	98		99	97	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	79	87	82	78		84	80	77		82
4	92	83	77	72	90	82	76	71	80	75	70		78	73	70		76
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	59	54	75	65	59	54	64	58	54		63	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	68	57	51	46	67	57	50	46	56	50	46		55	49	46		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	146458
5°	144486
10°	139632
15°	131692
20°	121461
25°	110256
30°	97661
35°	83092
40°	66124
45°	46672
50°	27087
55°	14795
60°	13771
65°	12453
70°	11412
75°	10590
80°	9218
85°	7799

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 46672 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	61.7	7.5
10°-20°	162.3	19.7
20°-30°	208.6	25.3
30°-40°	192.9	23.4
40°-50°	116.5	14.2
50°-60°	39.7	4.8
60°-70°	23.9	2.9
70°-80°	13.5	1.6
80°-90°	3.8	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°	432.6	52.6
0°-40°	625.5	76.0
0°-60°	781.7	95.0
0°-90°	823.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	823.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	668	
5°	656	62
15°	580	162
25°	456	209
35°	310	193
45°	150	116
55°	39	40
65°	24	24
75°	12	14
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	667.9
2.5°	664.8
5°	656.4
7.5°	643.9
10°	627.1
12.5°	606.2
15°	580.1
17.5°	551.9
20°	520.5
22.5°	488.1
25°	455.7
27.5°	421.2
30°	385.7
32.5°	350.1
35°	310.4
37.5°	271.8
40°	231.0
42.5°	190.2
45°	150.5
47.5°	113.9
50°	79.4
52.5°	50.2
55°	38.7
57.5°	34.5
60°	31.4
62.5°	27.2
65°	24.0
67.5°	20.9
70°	17.8
72.5°	15.7
75°	12.5
77.5°	10.5
80°	7.3
82.5°	5.2
85°	3.1
87.5°	2.1
90°	0.0

(END OF REPORT)