

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: P1252081

Luminaire Tested: P3AS13R509030DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252081
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-30)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R509030DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R50 optic, 3000K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

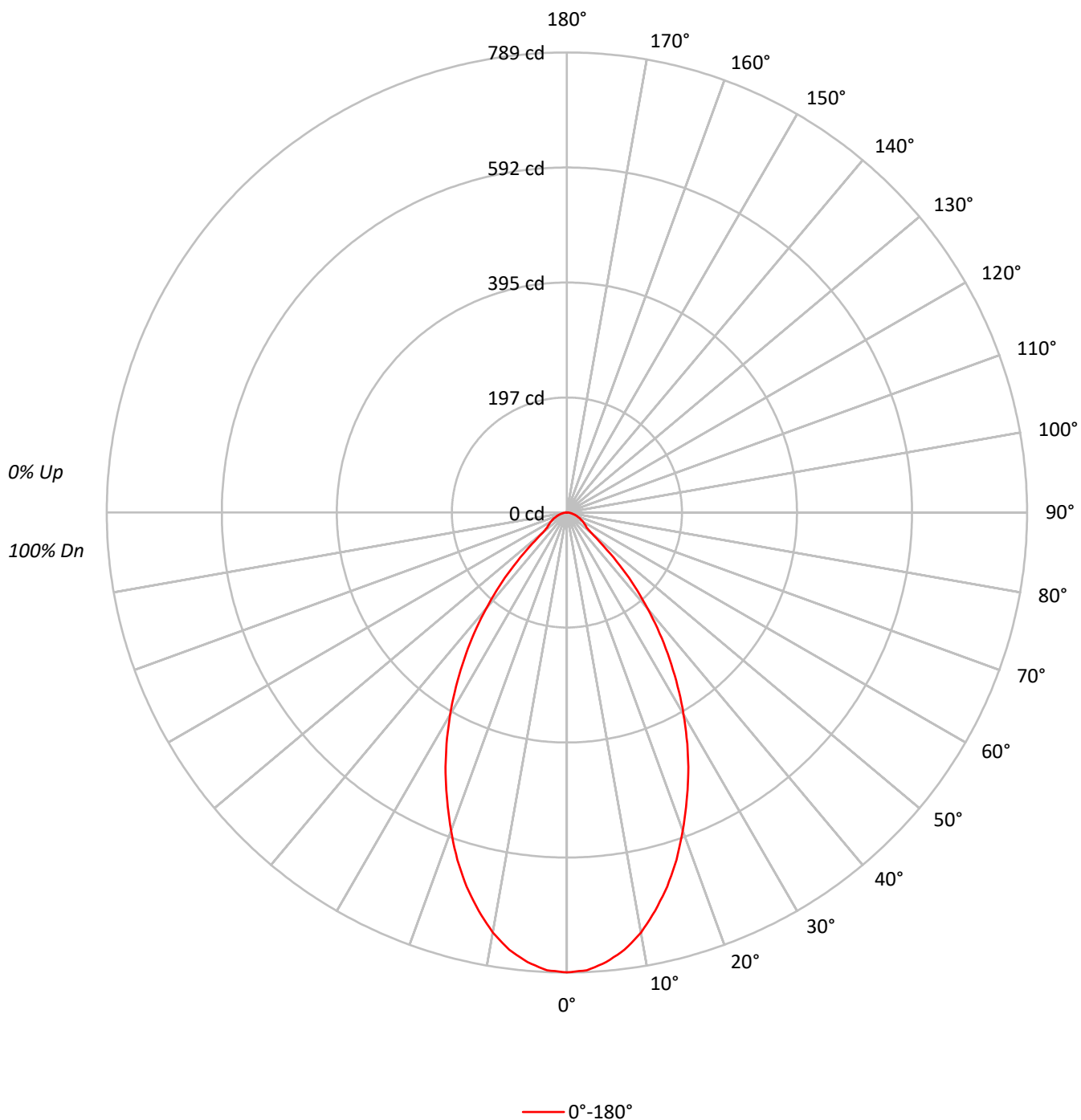
Lumens per Lamp: N/A
Luminaire Lumens: 851.0 lumens
Efficiency: N/A
Efficacy: 58.3 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.93
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	102	103	101	99		99	97	96		95
2	106	100	95	91	103	98	94	90	95	91	88		92	89	86		89
3	99	92	86	81	97	90	85	81	88	83	79		85	81	78		83
4	93	85	78	73	91	83	77	73	81	76	72		79	75	71		77
5	88	78	72	67	86	77	71	66	75	70	66		74	69	65		72
6	83	73	66	61	81	72	65	61	70	65	60		69	64	60		67
7	78	68	61	56	77	67	61	56	66	60	56		64	59	55		63
8	74	63	57	52	73	63	56	52	61	56	52		60	55	51		59
9	70	59	53	48	69	59	52	48	58	52	48		57	52	48		56
10	66	56	49	45	65	55	49	45	54	49	45		54	48	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	172947
5°	170394
10°	162856
15°	150807
20°	135532
25°	119136
30°	101332
35°	82155
40°	61716
45°	39756
50°	18899
55°	14872
60°	14078
65°	13127
70°	11861
75°	10675
80°	9850
85°	9812

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 39756 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	72.6	8.5
10°-20°	185.2	21.8
20°-30°	225.0	26.4
30°-40°	190.8	22.4
40°-50°	99.1	11.6
50°-60°	35.8	4.2
60°-70°	24.8	2.9
70°-80°	13.4	1.6
80°-90°	4.2	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°	482.8	56.7
0°-40°	673.7	79.2
0°-60°	808.6	95.0
0°-90°	851.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	851.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	789	
5°	774	73
15°	664	185
25°	492	225
35°	307	191
45°	128	99
55°	39	36
65°	25	25
75°	13	13
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	788.7
2.5°	785.8
5°	774.1
7.5°	756.6
10°	731.4
12.5°	699.3
15°	664.3
17.5°	624.5
20°	580.8
22.5°	536.1
25°	492.4
27.5°	446.8
30°	400.2
32.5°	353.5
35°	306.9
37.5°	261.3
40°	215.6
42.5°	171.9
45°	128.2
47.5°	85.5
50°	55.4
52.5°	42.7
55°	38.9
57.5°	35.0
60°	32.1
62.5°	28.2
65°	25.3
67.5°	21.4
70°	18.5
72.5°	15.5
75°	12.6
77.5°	9.7
80°	7.8
82.5°	5.8
85°	3.9
87.5°	1.9
90°	0.0

(END OF REPORT)