

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: P1343575

Luminaire Tested: P3A13R159835DE010 E3A301WH

Issue Date: 2/13/2026

Test Information

Test Method: LM-79-2019
Report Number: P1343575
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-59)
Test Lab: INNOVATION CENTER
Issue Date: 2/13/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R159835DE010 E3A301WH
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 98CRI , E3A301WH TRIM
Light Source: -
Ballast/Driver: -

Summary

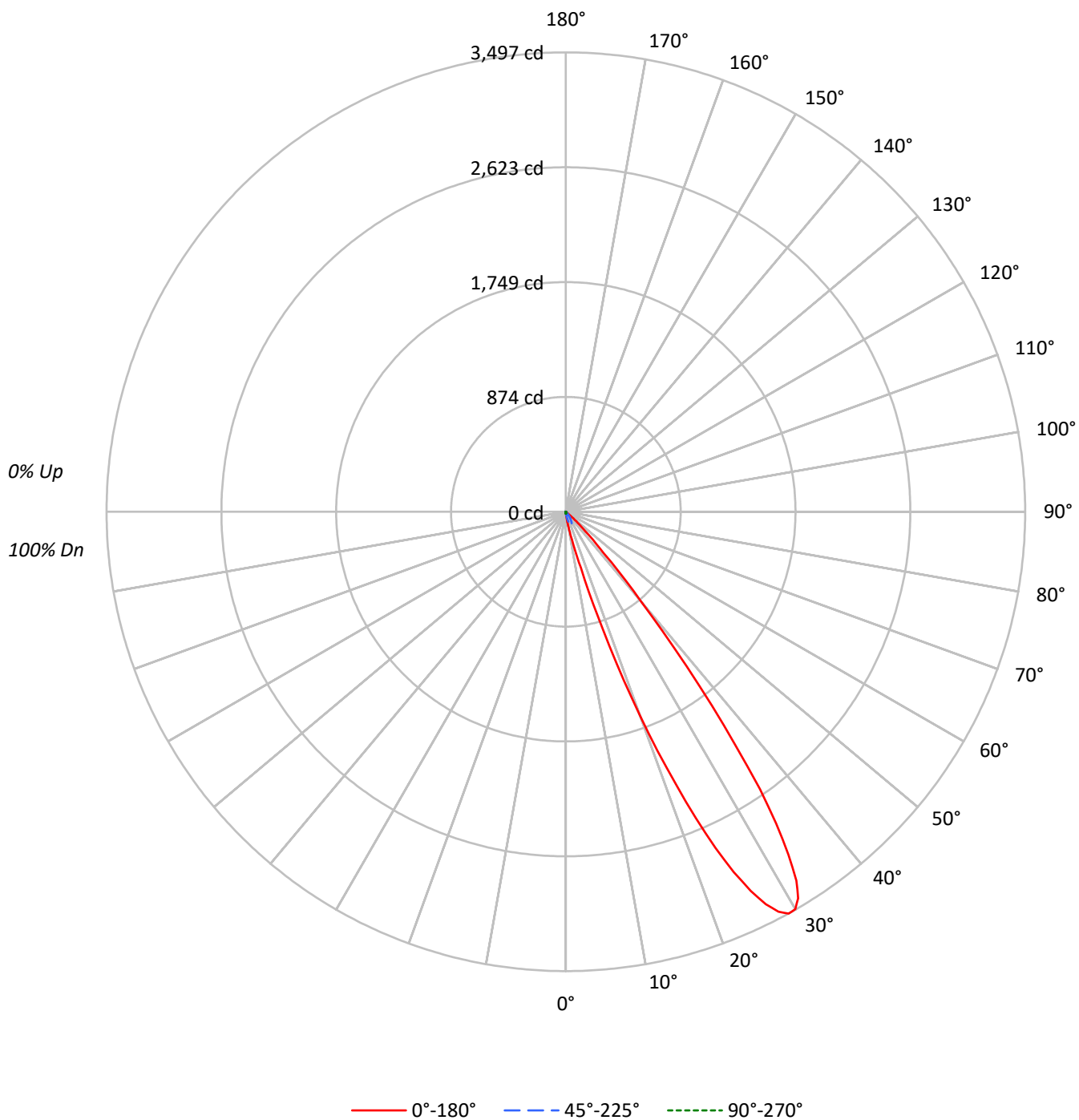
Lumens per Lamp: N/A
Luminaire Lumens: 382.0 lumens
Efficiency: N/A
Efficacy: 26.3 lumens/watt
Spacing Criteria (0/90/45): 2.35 / 0.49 / 1.26
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.5
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

TEST NUMBER: P1343575

CATALOG NUMBER: P3A13R159835DE010 E3A301WH

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	109	107	104	110	107	105	102	103	101	99		99	98	96		96	95	93	92
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		89	87	85	83
3	99	92																		

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1.7	0.5
10°-20°	29.3	7.7
20°-30°	162.4	42.5
30°-40°	156.8	41.1
40°-50°	27.3	7.1
50°-60°	2.0	0.5
60°-70°	1.2	0.3
70°-80°	0.9	0.2
80°-90°	0.5	0.1
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°	193.4	50.6
0°-40°	350.2	91.7
0°-60°	379.4	99.3
0°-90°	382.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	382.0	100.0

TEST NUMBER: P1343575

CATALOG NUMBER: P3A13R159835DE010 E3A301WH

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	45°
0°	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6
2.5°	18.6	17.8	18.2	18.2	18.2	18.2	18.2	17.5	17.5	17.8	16.0
5°	27.1	27.1	26.8	27.1	27.1	26.8	26.0	25.6	25.6	24.9	20.1
7.5°	54.3	53.5	53.5	52.8	49.0	47.9	47.2	45.3	42.0	41.2	26.0
10°	118.9	119.3	116.7	113.3	113.0	107.4	105.5	102.2	95.9	89.6	37.5
12.5°	215.9	211.1	204.7	205.1	194.3	190.6	182.1	172.8	163.1	153.1	61.7
15°	441.1	427.3	435.5	415.4	392.8	367.1	341.1	308.4	280.6	250.8	85.1
17.5°	92										



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CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	45°
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P1343575

CATALOG NUMBER: P3A13R159835DE010 E3A301WH

CANDELA DISTRIBUTION (continued):

	67.5°	90°	112.5°	135°	157.5°	180°
0°	12.6	12.6	12.6	12.6	12.6	12.6
2.5°	14.9	13.0	10.8	8.9	8.2	7.8
5°	16.0	11.9	8.2	6.3	5.6	5.2
7.5°	17.1	10.8	6.3	4.5	3.3	3.0
10°	17.8	9.3	4.8	2.6	1.9	1.9
12.5°	17.8	7.4	3.3	1.5	1.1	1.1
15°	17.5	6.3	2.2	1.1	0.7	0.7
17.5°	17.1	4.8	1.5	0.7	0.4	0.7
20°	16.0	3.7	0.7	0.4	0.4	0.4
21°	15.6	3.3	0.7	0.4	0.4	0.4
22°	14.9	3.0	0.4	0.0	0.4	0.4
23°	14.1	2.2	0.4	0.0	0.0	0.0
24°	13.0	1.9	0.4	0.0	0.0	0.0
25°	12.3	1.9	0.4	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	67.5°	90°	112.5°	135°	157.5°	180°
82.5°	0.7	1.1	0.7	0.4	0.7	0.7
85°	0.7	1.1	0.7	0.4	0.4	0.4
87.5°	0.7	1.1	0.4	0.0	0.0	0.4
90°	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)