

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: P1254679

Luminaire Tested: P3AS13R309035DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254679
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R309035DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

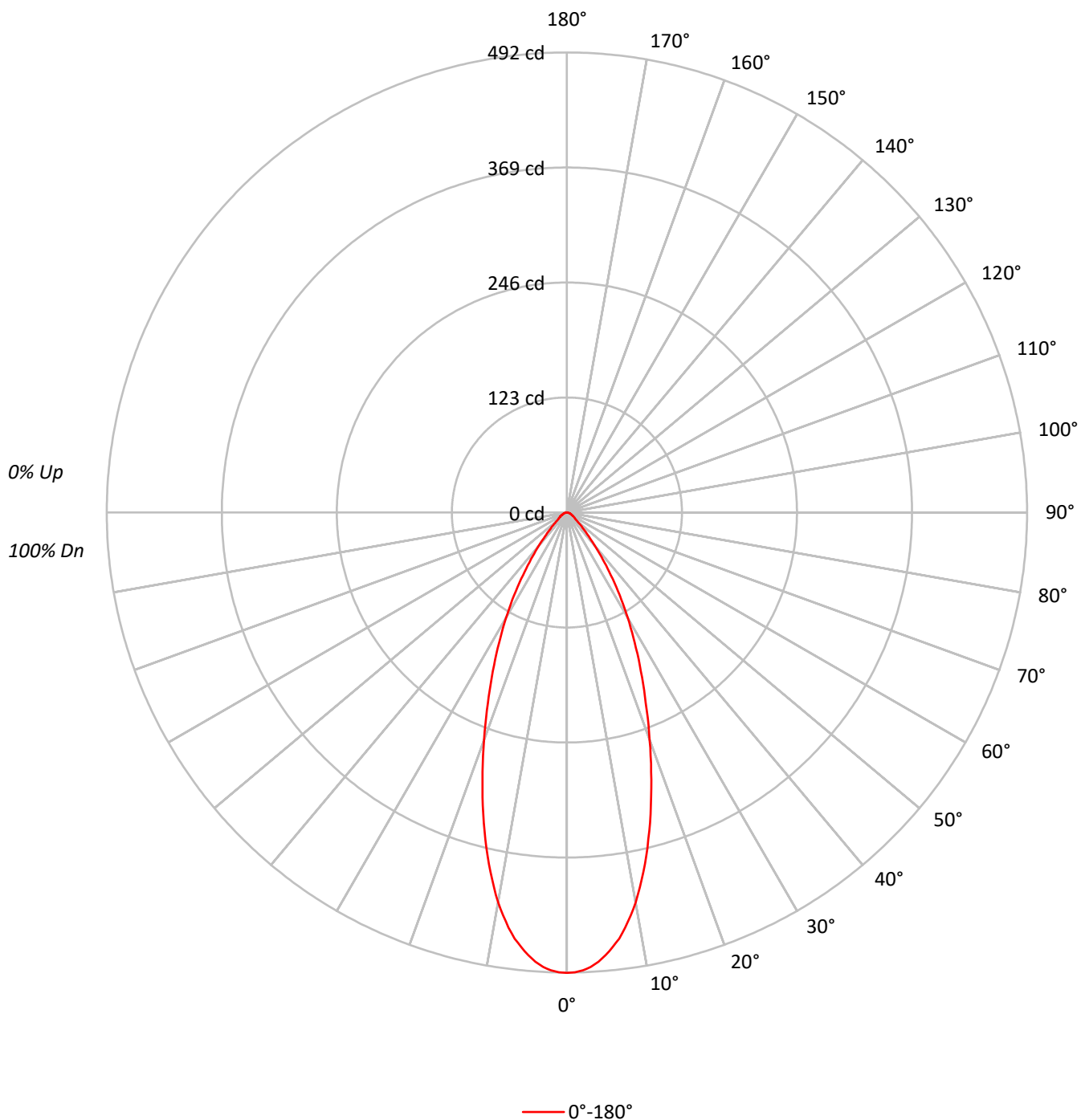
Lumens per Lamp: N/A
Luminaire Lumens: 316.0 lumens
Efficiency: N/A
Efficacy: 21.6 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1254679

CATALOG NUMBER: P3AS13R309035DE010 E3DLP1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1254679

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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	113	110	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	85	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	73	90	83	77	73	81	76	72		79	75	72		78
6	88	79	73	68	86	78	72	68	76	71	68		75	71	67		74
7	83	74	68	64	82	74	68	64	72	67	63		71	67	63		70
8	80	70	64	60	78	70	64	60	69	63	60		67	63	60		67
9	76	67	61	57	75	66	60	57	65	60	56		64	60	56		63
10	73	63	58	54	72	63	57	54	62	57	54		61	57	53		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	107974
5°	104622
10°	94276
15°	77980
20°	60369
25°	45293
30°	32866
35°	21897
40°	13454
45°	7908
50°	4844
55°	3938
60°	3421
65°	2802
70°	2500
75°	2457
80°	1894
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 7908 cd/sqm

TEST NUMBER: P1254679

CATALOG NUMBER: P3AS13R309035DE010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	43.7	13.8
10°-20°	94.6	29.9
20°-30°	86.1	27.2
30°-40°	52.0	16.5
40°-50°	20.9	6.6
50°-60°	9.2	2.9
60°-70°	5.6	1.8
70°-80°	3.0	1.0
80°-90°	0.9	0.3
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°	224.4	71.0
0°-40°	276.4	87.5
0°-60°	306.5	97.0
0°-90°	316.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	316.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	492	
5°	475	44
15°	344	95
25°	187	86
35°	82	52
45°	26	21
55°	10	9
65°	5	6
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	492.4
1°	492.0
2°	490.0
3°	486.6
4°	481.7
5°	475.3
6°	467.5
7°	459.1
8°	448.3
9°	436.1
10°	423.4
11°	408.7
12°	393.0
13°	377.3
14°	360.1
15°	343.5
17.5°	299.9
20°	258.7
22.5°	220.5
25°	187.2
27.5°	156.8
30°	129.8
32.5°	104.9
35°	81.8
37.5°	62.7
40°	47.0
42.5°	34.3
45°	25.5
47.5°	19.1
50°	14.2
52.5°	11.3
55°	10.3
57.5°	8.8
60°	7.8
62.5°	6.4
65°	5.4
67.5°	4.9
70°	3.9
72.5°	3.4
75°	2.9
77.5°	2.4
80°	1.5
82.5°	1.0
85°	1.0
87.5°	0.5



TEST NUMBER: P1254679

CATALOG NUMBER: P3AS13R309035DE010 E3DLP1GPH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)