

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: P1254649

Luminaire Tested: P3AS13R259035DE010 E3DLP1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254649
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R259035DE010 E3DLP1LI
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 90CRI , E3DLP1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

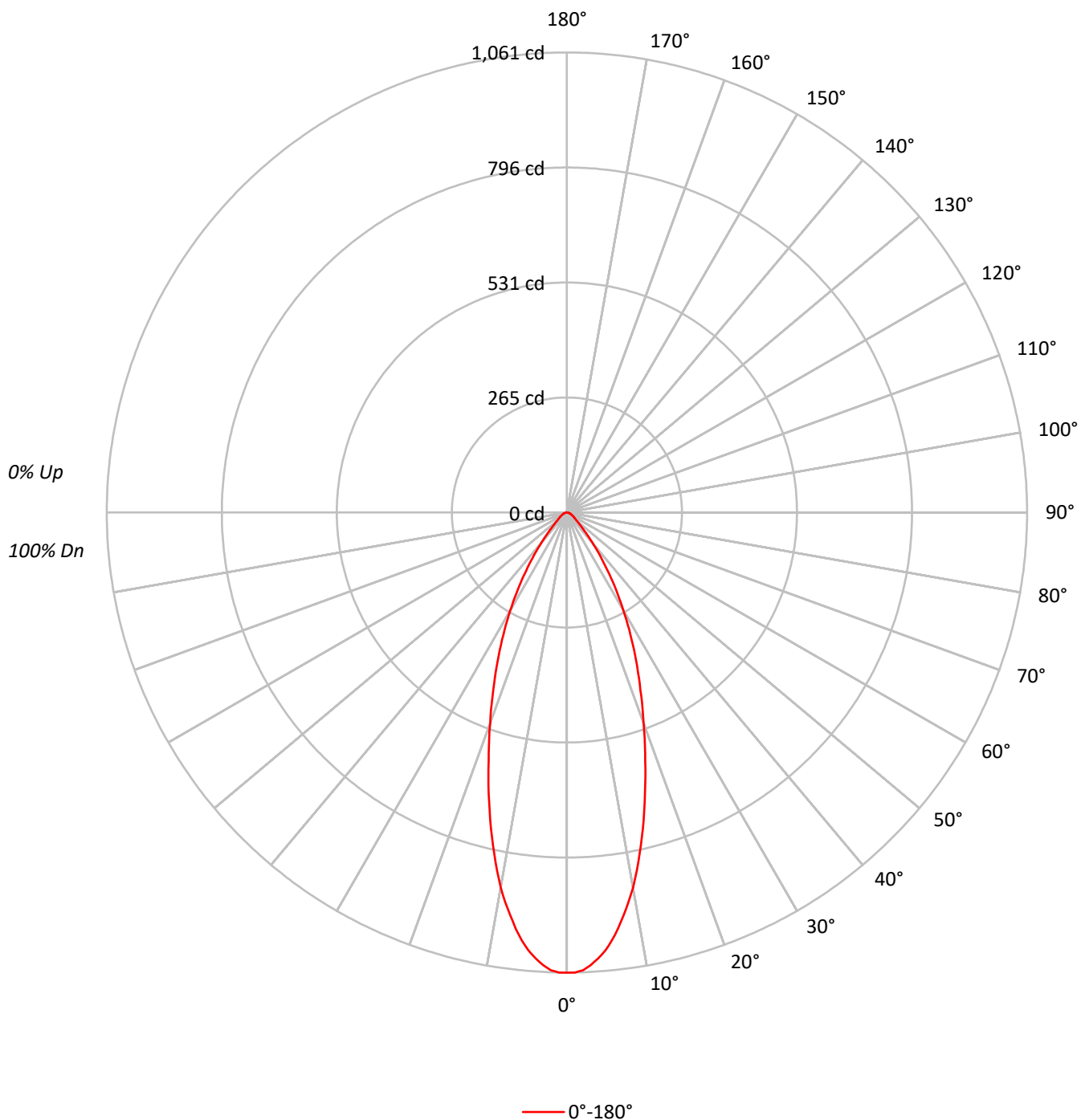
Lumens per Lamp: N/A
Luminaire Lumens: 641.0 lumens
Efficiency: N/A
Efficacy: 43.9 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	110	108	105	111	108	106	104	104	102	101		100	99	98		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	86	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	74	91	83	77	73	81	76	73		79	75	72		78
6	88	79	73	69	86	78	72	68	77	72	68		75	71	67		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	65	60	79	70	64	60	69	64	60		68	63	60		67
9	76	67	61	57	75	66	61	57	65	60	57		65	60	57		64
10	73	64	58	54	72	63	58	54	62	57	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	232723
5°	223266
10°	195588
15°	157209
20°	120784
25°	91384
30°	66035
35°	43875
40°	26593
45°	15505
50°	9893
55°	8028
60°	7017
65°	6226
70°	5129
75°	5083
80°	3788
85°	5032

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 15505 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	92.3	14.4
10°-20°	191.5	29.9
20°-30°	173.2	27.0
30°-40°	104.0	16.2
40°-50°	41.3	6.4
50°-60°	19.1	3.0
60°-70°	11.6	1.8
70°-80°	6.2	1.0
80°-90°	1.8	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°	457.0	71.3
0°-40°	561.0	87.5
0°-60°	621.5	96.9
0°-90°	641.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	641.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1061	
5°	1014	92
15°	692	192
25°	378	173
35°	164	104
45°	50	41
55°	21	19
65°	12	12
75°	6	6
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1061.3
1°	1061.3
2°	1056.3
3°	1045.3
4°	1031.3
5°	1014.3
6°	992.3
7°	967.3
8°	938.4
9°	909.4
10°	878.4
11°	842.4
12°	805.5
13°	768.5
14°	731.5
15°	692.5
17.5°	600.6
20°	517.6
22.5°	442.7
25°	377.7
27.5°	316.8
30°	260.8
32.5°	209.9
35°	163.9
37.5°	124.9
40°	92.9
42.5°	68.0
45°	50.0
47.5°	38.0
50°	29.0
52.5°	24.0
55°	21.0
57.5°	18.0
60°	16.0
62.5°	13.0
65°	12.0
67.5°	10.0
70°	8.0
72.5°	7.0
75°	6.0
77.5°	5.0
80°	3.0
82.5°	2.0
85°	2.0
87.5°	1.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)