

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: P1258331

Luminaire Tested: P3AS20R709040D010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258331
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-45)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R709040D010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R70 optic, 4000K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

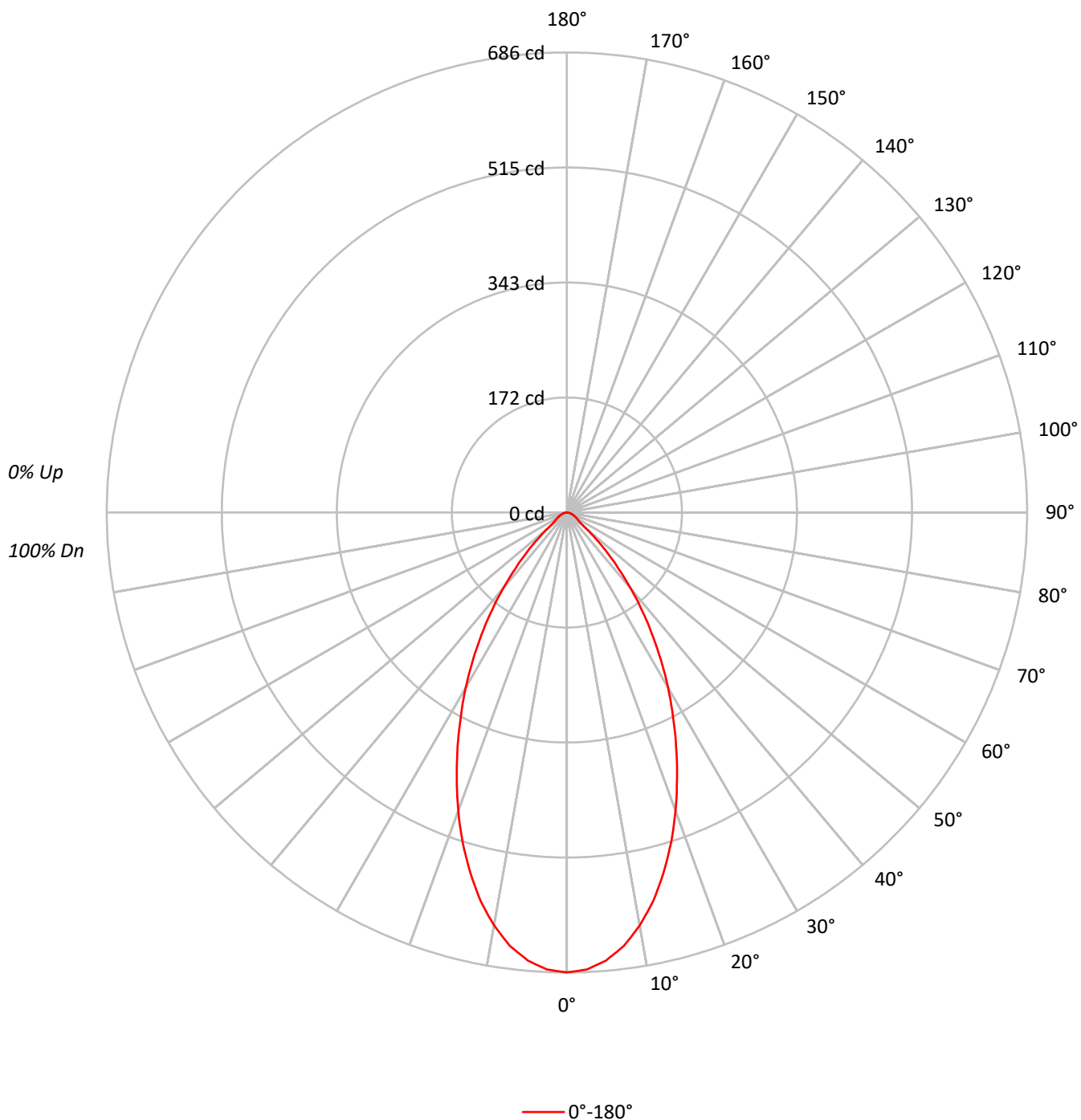
Lumens per Lamp: N/A
Luminaire Lumens: 641.0 lumens
Efficiency: N/A
Efficacy: 22.3 lumens/watt
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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	107	104	110	107	105	103	103	101	100		100	98	97		96
2	106	101	97	93	104	99	95	92	96	93	90		93	90	88		90
3	100	93	88	83	98	92	87	83	89	85	81		87	83	80		84
4	95	86	80	76	93	85	80	75	83	78	74		81	77	73		79
5	89	80	74	69	88	79	73	69	78	72	68		76	71	68		74
6	85	75	68	64	83	74	68	64	73	67	63		71	66	63		70
7	80	70	64	59	79	69	63	59	68	62	58		67	62	58		66
8	76	66	59	55	75	65	59	55	64	58	54		63	58	54		62
9	72	62	55	51	71	61	55	51	60	55	51		59	54	51		58
10	69	58	52	48	67	58	52	48	57	51	48		56	51	48		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	150361
5°	147589
10°	139165
15°	126312
20°	110493
25°	93199
30°	76316
35°	59187
40°	42365
45°	26824
50°	13373
55°	8181
60°	7017
65°	6486
70°	5706
75°	5253
80°	4546
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 26824 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	62.6	9.8
10°-20°	154.8	24.2
20°-30°	176.3	27.5
30°-40°	137.9	21.5
40°-50°	67.7	10.6
50°-60°	20.8	3.2
60°-70°	12.4	1.9
70°-80°	6.6	1.0
80°-90°	2.0	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°	393.7	61.4
0°-40°	531.6	82.9
0°-60°	620.1	96.7
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°	686	
5°	670	63
15°	556	155
25°	385	176
35°	221	138
45°	86	68
55°	21	21
65°	12	12
75°	6	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	685.7
2.5°	682.1
5°	670.5
7.5°	651.8
10°	625.0
12.5°	593.8
15°	556.4
17.5°	516.3
20°	473.5
22.5°	428.9
25°	385.2
27.5°	342.4
30°	301.4
32.5°	260.4
35°	221.1
37.5°	183.7
40°	148.0
42.5°	115.0
45°	86.5
47.5°	60.6
50°	39.2
52.5°	25.9
55°	21.4
57.5°	18.7
60°	16.0
62.5°	14.3
65°	12.5
67.5°	10.7
70°	8.9
72.5°	7.1
75°	6.2
77.5°	5.3
80°	3.6
82.5°	2.7
85°	1.8
87.5°	0.9
90°	0.0

(END OF REPORT)