

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: P1247846

Luminaire Tested: P3A20R709024D010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247846
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: P3A20R709024D010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R70 optic, 2400K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

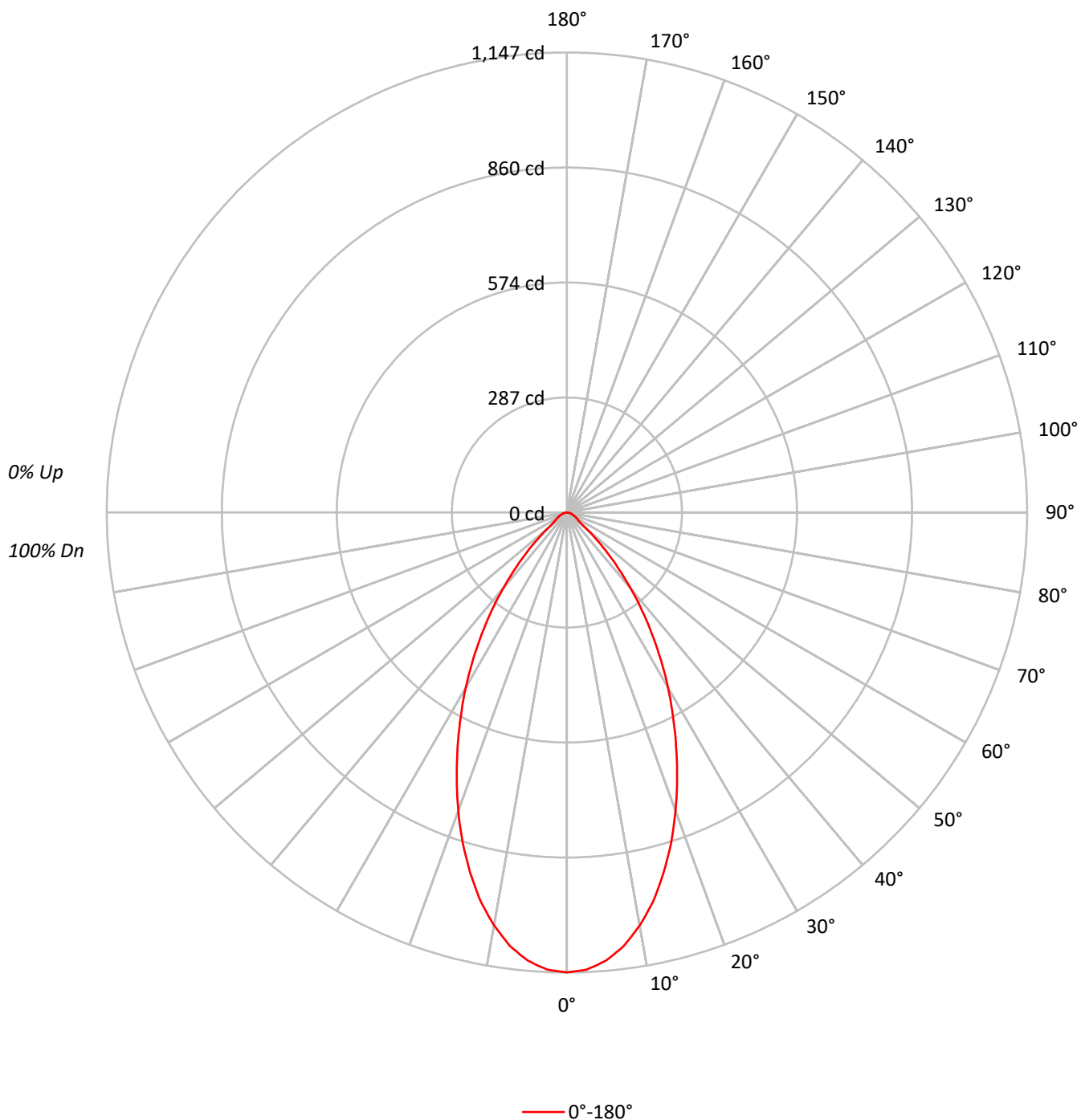
Lumens per Lamp: N/A
Luminaire Lumens: 1072.0 lumens
Efficiency: N/A
Efficacy: 37.2 lumens/watt
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	251449
5°	246841
10°	232750
15°	211238
20°	184769
25°	155864
30°	127615
35°	98993
40°	70847
45°	44842
50°	22379
55°	13686
60°	11753
65°	10844
70°	9553
75°	8811
80°	7577
85°	7548

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 44842 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	104.6	9.8
10°-20°	258.9	24.2
20°-30°	294.9	27.5
30°-40°	230.6	21.5
40°-50°	113.3	10.6
50°-60°	34.8	3.2
60°-70°	20.7	1.9
70°-80°	11.0	1.0
80°-90°	3.3	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°	658.4	61.4
0°-40°	889.0	82.9
0°-60°	1037.1	96.7
0°-90°	1072.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1072.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1147	
5°	1121	105
15°	930	259
25°	644	295
35°	370	231
45°	145	113
55°	36	35
65°	21	21
75°	10	11
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1146.7
2.5°	1140.7
5°	1121.4
7.5°	1090.0
10°	1045.3
12.5°	993.1
15°	930.5
17.5°	863.4
20°	791.8
22.5°	717.2
25°	644.2
27.5°	572.6
30°	504.0
32.5°	435.4
35°	369.8
37.5°	307.2
40°	247.5
42.5°	192.4
45°	144.6
47.5°	101.4
50°	65.6
52.5°	43.2
55°	35.8
57.5°	31.3
60°	26.8
62.5°	23.9
65°	20.9
67.5°	17.9
70°	14.9
72.5°	11.9
75°	10.4
77.5°	8.9
80°	6.0
82.5°	4.5
85°	3.0
87.5°	1.5
90°	0.0

(END OF REPORT)