

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: P1270771

Luminaire Tested: P3A20R709740D010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270771
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-47)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R709740D010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R70 optic, 4000K CCT AND, 97CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

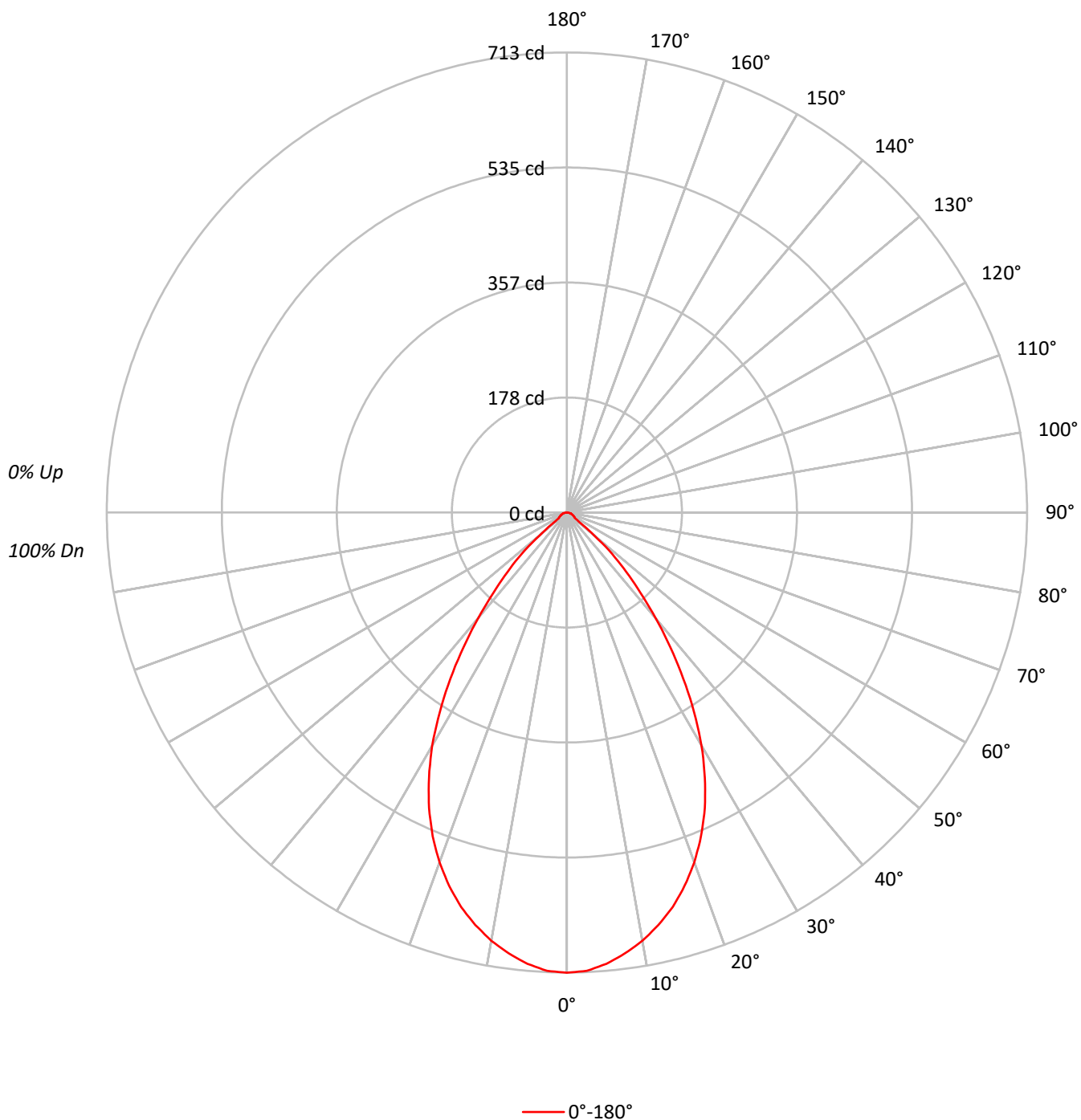
Lumens per Lamp: N/A
Luminaire Lumens: 807.9 lumens
Efficiency: N/A
Efficacy: 28.1 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1270771

CATALOG NUMBER: P3A20R709740D010 E3DL1GPH

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	96	93	104	99	95	92	96	93	90		93	90	88		90
3	100	93	88	83	98	92	87	82	89	85	81		86	83	80		84
4	94	86	80	75	93	85	79	75	83	78	74		81	76	73		79
5	89	80	73	69	87	79	73	68	77	72	68		75	71	67		74
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	53	74	64	58	53	63	57	53		62	57	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	50	46	66	56	50	46	55	50	46		55	49	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	156413
5°	154545
10°	150075
15°	143724
20°	134622
25°	122305
30°	105662
35°	84189
40°	61315
45°	40314
50°	18899
55°	5811
60°	5614
65°	5396
70°	5129
75°	5422
80°	5051
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 40314 cd/sqm

TEST NUMBER: P1270771

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	66.1	8.2
10°-20°	177.2	21.9
20°-30°	230.3	28.5
30°-40°	195.4	24.2
40°-50°	100.8	12.5
50°-60°	19.4	2.4
60°-70°	10.5	1.3
70°-80°	6.4	0.8
80°-90°	1.8	0.2
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°	473.6	58.6
0°-40°	669.0	82.8
0°-60°	789.1	97.7
0°-90°	807.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	807.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	713	
5°	702	66
15°	633	177
25°	506	230
35°	314	195
45°	130	101
55°	15	19
65°	10	10
75°	6	6
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	713.3
2.5°	710.9
5°	702.1
7.5°	689.3
10°	674.0
12.5°	654.8
15°	633.1
17.5°	606.6
20°	576.9
22.5°	543.2
25°	505.5
27.5°	463.0
30°	417.3
32.5°	366.7
35°	314.5
37.5°	263.2
40°	214.2
42.5°	168.5
45°	130.0
47.5°	95.5
50°	55.4
52.5°	24.1
55°	15.2
57.5°	14.4
60°	12.8
62.5°	12.0
65°	10.4
67.5°	9.6
70°	8.0
72.5°	7.2
75°	6.4
77.5°	4.8
80°	4.0
82.5°	2.4
85°	1.6
87.5°	0.8
90°	0.0

(END OF REPORT)