

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: P1270393

Luminaire Tested: P3A17R709740DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270393
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: P3A17R709740DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R70 optic, 4000K CCT AND, 97CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

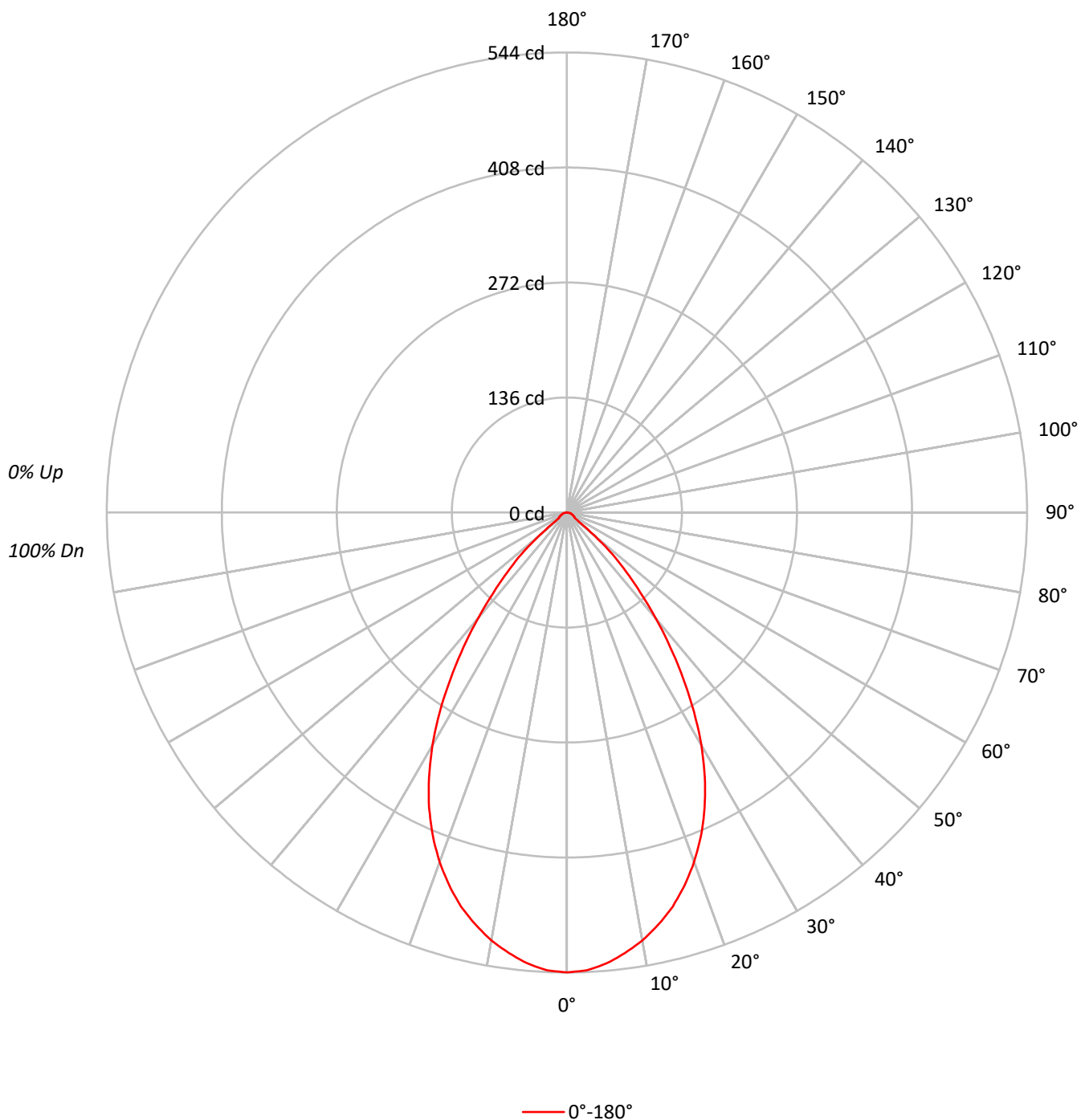
Lumens per Lamp: N/A
Luminaire Lumens: 616.0 lumens
Efficiency: N/A
Efficacy: 29.1 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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: P1270393

CATALOG NUMBER: P3A17R709740DE010 E3DL1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1270393

CATALOG NUMBER: P3A17R709740DE010 E3DL1GPH

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	92	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°	119245
5°	117829
10°	114427
15°	109581
20°	102629
25°	93247
30°	80544
35°	64193
40°	46745
45°	30732
50°	14396
55°	4435
60°	4298
65°	4151
70°	3911
75°	4151
80°	3915
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 30732 cd/sqm

TEST NUMBER: P1270393

CATALOG NUMBER: P3A17R709740DE010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	50.4	8.2
10°-20°	135.1	21.9
20°-30°	175.6	28.5
30°-40°	149.0	24.2
40°-50°	76.8	12.5
50°-60°	14.8	2.4
60°-70°	8.0	1.3
70°-80°	4.9	0.8
80°-90°	1.4	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°	361.1	58.6
0°-40°	510.0	82.8
0°-60°	601.6	97.7
0°-90°	616.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	616.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	544	
5°	535	50
15°	483	135
25°	385	176
35°	240	149
45°	99	77
55°	12	15
65°	8	8
75°	5	5
85°	1	1
90°	0	

TEST NUMBER: P1270393

CATALOG NUMBER: P3A17R709740DE010 E3DL1GPH

CANDELA DISTRIBUTION (FULL):

	0°
0°	543.8
2.5°	542.0
5°	535.3
7.5°	525.5
10°	513.9
12.5°	499.2
15°	482.7
17.5°	462.5
20°	439.8
22.5°	414.1
25°	385.4
27.5°	353.0
30°	318.1
32.5°	279.6
35°	239.8
37.5°	200.6
40°	163.3
42.5°	128.5
45°	99.1
47.5°	72.8
50°	42.2
52.5°	18.4
55°	11.6
57.5°	11.0
60°	9.8
62.5°	9.2
65°	8.0
67.5°	7.3
70°	6.1
72.5°	5.5
75°	4.9
77.5°	3.7
80°	3.1
82.5°	1.8
85°	1.2
87.5°	0.6
90°	0.0

(END OF REPORT)