

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: P1247307

Luminaire Tested: P3A17R359024DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247307
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R359024DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 2400K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

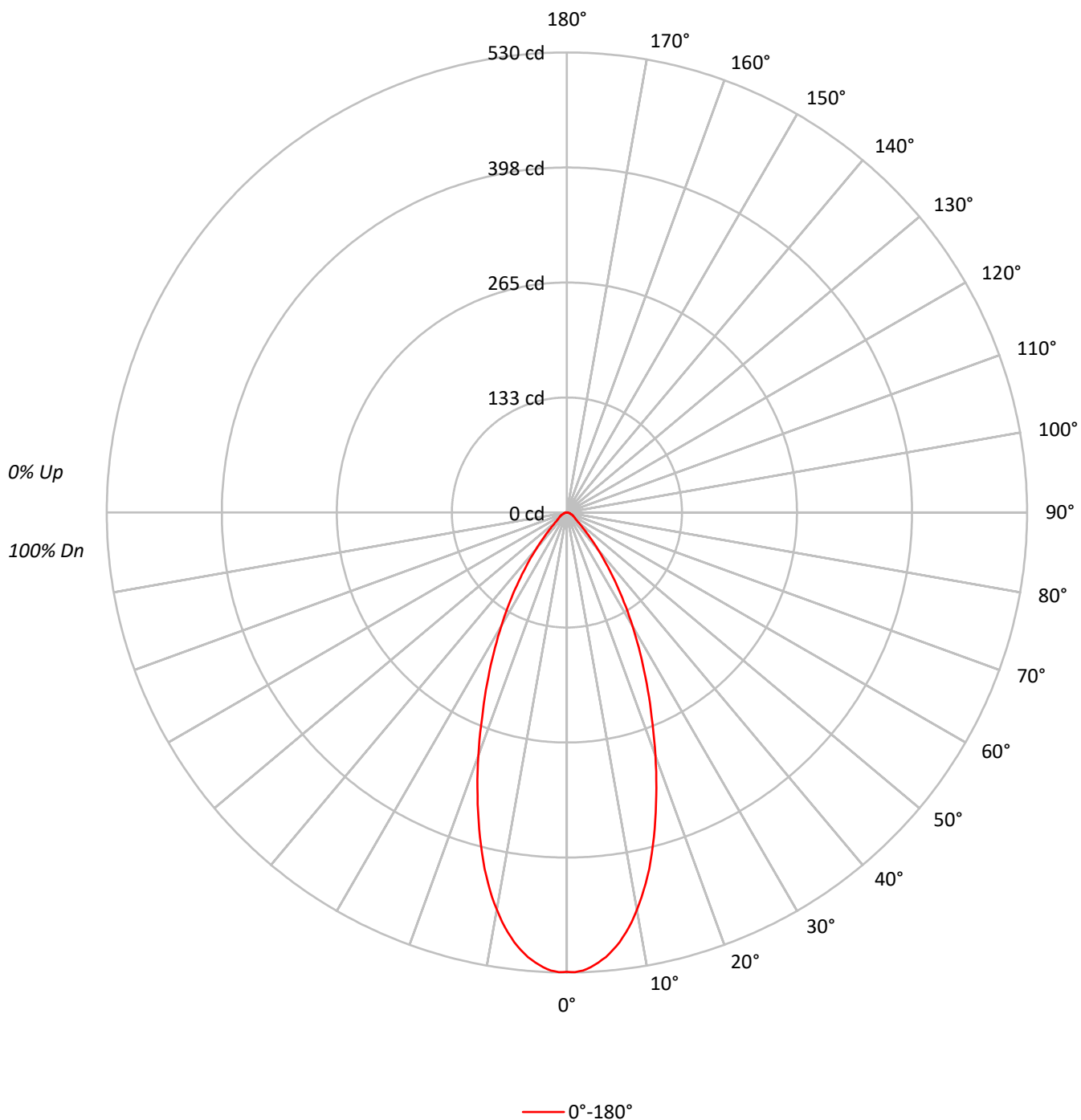
Lumens per Lamp: N/A
Luminaire Lumens: 361.0 lumens
Efficiency: N/A
Efficacy: 17.0 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1247307

CATALOG NUMBER: P3A17R359024DE010 E3DLP1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1247307

CATALOG NUMBER: P3A17R359024DE010 E3DLP1GPH

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	100		100	99	97		97
2	107	102	98	94	105	100	97	93	97	94	91		94	92	89		91
3	102	95	90	86	100	94	89	85	91	87	84		89	85	82		86
4	97	89	83	79	95	88	82	78	86	81	77		84	80	77		82
5	92	83	77	73	90	82	77	73	81	76	72		79	75	71		77
6	87	78	72	68	86	77	72	68	76	71	67		75	70	67		73
7	83	74	68	63	82	73	67	63	72	67	63		71	66	63		69
8	79	70	64	60	78	69	63	59	68	63	59		67	62	59		66
9	76	66	60	56	75	66	60	56	65	59	56		64	59	56		63
10	72	63	57	53	71	62	57	53	61	56	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	116043
5°	113185
10°	103472
15°	87833
20°	69516
25°	52576
30°	38284
35°	25886
40°	15916
45°	9148
50°	5492
55°	4473
60°	3903
65°	3476
70°	2821
75°	2796
80°	2778
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 9148 cd/sqm

TEST NUMBER: P1247307

CATALOG NUMBER: P3A17R359024DE010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	47.5	13.2
10°-20°	106.7	29.5
20°-30°	99.8	27.6
30°-40°	61.1	16.9
40°-50°	24.1	6.7
50°-60°	10.6	2.9
60°-70°	6.6	1.8
70°-80°	3.5	1.0
80°-90°	1.2	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°	253.9	70.3
0°-40°	315.0	87.3
0°-60°	349.7	96.9
0°-90°	361.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	361.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	529	
5°	514	48
15°	387	107
25°	217	100
35°	97	61
45°	30	24
55°	12	11
65°	7	7
75°	3	4
85°	1	1
90°	0	

TEST NUMBER: P1247307

CATALOG NUMBER: P3A17R359024DE010 E3DLP1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	529.2
1°	529.7
2°	528.1
3°	524.7
4°	519.7
5°	514.2
6°	506.9
7°	498.6
8°	488.6
9°	477.5
10°	464.7
11°	451.3
12°	436.9
13°	421.3
14°	404.1
15°	386.9
17.5°	342.4
20°	297.9
22.5°	255.1
25°	217.3
27.5°	182.3
30°	151.2
32.5°	122.3
35°	96.7
37.5°	73.9
40°	55.6
42.5°	40.0
45°	29.5
47.5°	21.1
50°	16.1
52.5°	13.3
55°	11.7
57.5°	10.0
60°	8.9
62.5°	7.8
65°	6.7
67.5°	5.6
70°	4.4
72.5°	3.9
75°	3.3
77.5°	2.8
80°	2.2
82.5°	1.7
85°	1.1
87.5°	0.6



TEST NUMBER: P1247307

CATALOG NUMBER: P3A17R359024DE010 E3DLP1GPH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)