

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: P1265433

Luminaire Tested: P3A17R359730DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265433
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R359730DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 97CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

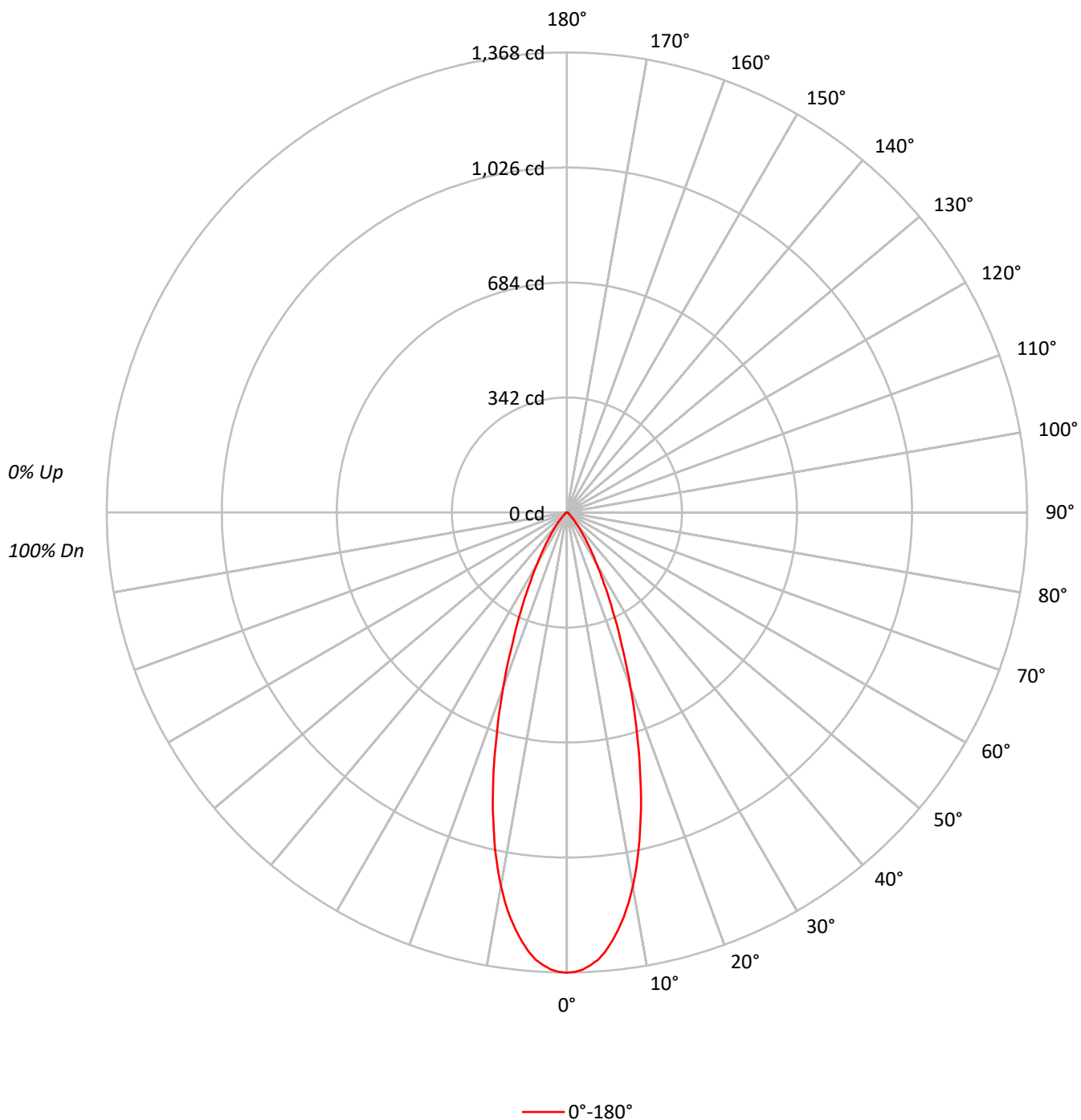
Lumens per Lamp: N/A
Luminaire Lumens: 595.0 lumens
Efficiency: N/A
Efficacy: 28.1 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1265433

CATALOG NUMBER: P3A17R359730DE010 E3DL1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1265433

CATALOG NUMBER: P3A17R359730DE010 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	114	112	109	107	112	109	107	106	105	104	102		102	100	99		98
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94
3	105	99	95	91	103	98	94	90	95	92	89		93	90	88		91
4	100	94	89	85	99	93	88	85	91	87	84		89	85	83		87
5	96	89	84	80	95	88	83	80	86	82	79		85	81	78		83
6	92	85	80	76	91	84	79	76	83	78	75		81	77	75		80
7	89	81	76	72	88	80	75	72	79	75	71		78	74	71		77
8	85	77	72	69	84	77	72	68	76	71	68		75	71	68		74
9	82	74	69	66	81	74	69	65	73	68	65		72	68	65		71
10	79	71	66	63	78	71	66	63	70	66	63		69	65	62		69

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	300086
5°	288399
10°	251298
15°	192464
20°	128765
25°	77908
30°	44716
35°	25002
40°	13282
45°	6853
50°	3275
55°	2600
60°	2500
65°	2075
70°	2180
75°	1949
80°	2147
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 6853 cd/sqm

TEST NUMBER: P1265433

CATALOG NUMBER: P3A17R359730DE010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	119.2	20.0
10°-20°	231.0	38.8
20°-30°	151.2	25.4
30°-40°	61.4	10.3
40°-50°	18.4	3.1
50°-60°	6.3	1.1
60°-70°	4.2	0.7
70°-80°	2.5	0.4
80°-90°	0.9	0.1
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°	501.5	84.3
0°-40°	562.8	94.6
0°-60°	587.5	98.7
0°-90°	595.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	595.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1368	
5°	1310	119
15°	848	231
25°	322	151
35°	93	61
45°	22	18
55°	7	6
65°	4	4
75°	2	2
85°	1	1
90°	0	

TEST NUMBER: P1265433

CATALOG NUMBER: P3A17R359730DE010 E3DL1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	1368.5
1°	1366.3
2°	1360.0
3°	1347.6
4°	1332.9
5°	1310.2
6°	1281.9
7°	1250.2
8°	1214.6
9°	1173.8
10°	1128.6
11°	1078.2
12°	1025.5
13°	966.7
14°	910.7
15°	847.8
17.5°	695.6
20°	551.8
22.5°	424.5
25°	322.0
27.5°	240.0
30°	176.6
32.5°	129.6
35°	93.4
37.5°	66.2
40°	46.4
42.5°	32.3
45°	22.1
47.5°	14.7
50°	9.6
52.5°	7.4
55°	6.8
57.5°	6.2
60°	5.7
62.5°	5.1
65°	4.0
67.5°	3.4
70°	3.4
72.5°	2.8
75°	2.3
77.5°	1.7
80°	1.7
82.5°	1.1
85°	0.6
87.5°	0.6



TEST NUMBER: P1265433

CATALOG NUMBER: P3A17R359730DE010 E3DL1GPH

CANDELA DISTRIBUTION (continued):



(END OF REPORT)