

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: P1265321

Luminaire Tested: P3A17R159730DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265321
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R159730DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 97CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

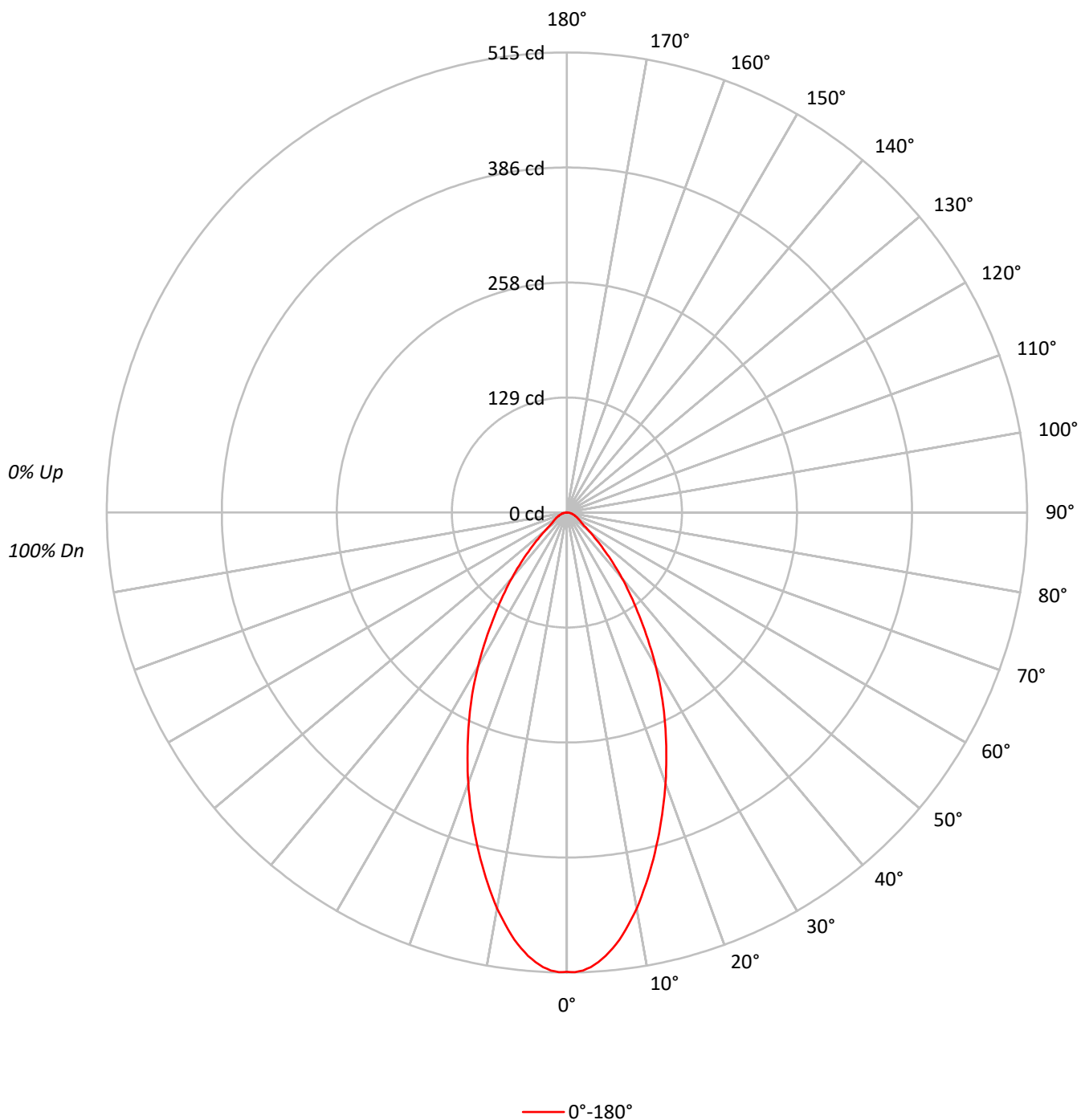
Lumens per Lamp: N/A
Luminaire Lumens: 447.0 lumens
Efficiency: N/A
Efficacy: 21.1 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1265321

CATALOG NUMBER: P3A17R159730DE010 E3DLD1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1265321

CATALOG NUMBER: P3A17R159730DE010 E3DLD1GPH

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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	113	109	106	104	110	107	105	102	103	101	99	99	98	96	96	95	93	91		
2	106	100	96	92	104	99	95	91	95	92	89	92	90	87	90	87	85	83		
3	100	93	87	83	98	91	86	82	89	84	81	86	82	79	84	81	78	76		
4	94	86	80	75	92	85	79	74	82	77	73	80	76	73	78	75	72	70		
5	89	80	73	68	87	79	73	68	77	72	67	75	70	67	74	69	66	65		
6	84	74	68	63	83	73	67	63	72	66	62	70	66	62	69	65	61	60		
7	80	69	63	58	78	69	63	58	67	62	58	66	61	57	65	61	57	56		
8	76	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52		
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49		
10	68	58	52	48	67	57	51	47	57	51	47	56	51	47	55	50	47	46		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	112754
5°	109685
10°	100243
15°	87810
20°	75327
25°	62883
30°	50337
35°	37745
40°	27394
45°	17924
50°	11189
55°	7570
60°	6710
65°	6174
70°	5834
75°	5253
80°	5051
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 17924 cd/sqm

TEST NUMBER: P1265321

CATALOG NUMBER: P3A17R159730DE010 E3DLD1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.0	10.3
10°-20°	107.8	24.1
20°-30°	118.7	26.6
30°-40°	88.9	19.9
40°-50°	46.1	10.3
50°-60°	19.1	4.3
60°-70°	11.8	2.6
70°-80°	6.7	1.5
80°-90°	1.9	0.4
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°	272.5	61.0
0°-40°	361.4	80.8
0°-60°	426.6	95.4
0°-90°	447.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	447.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	514	
5°	498	46
15°	387	108
25°	260	119
35°	141	89
45°	58	46
55°	20	19
65°	12	12
75°	6	7
85°	2	2
90°	0	

TEST NUMBER: P1265321

CATALOG NUMBER: P3A17R159730DE010 E3DLD1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	514.2
1°	514.7
2°	513.0
3°	509.7
4°	504.6
5°	498.3
6°	490.4
7°	481.9
8°	471.7
9°	461.0
10°	450.2
12.5°	419.0
15°	386.8
17.5°	354.5
20°	322.8
22.5°	290.5
25°	259.9
27.5°	229.3
30°	198.8
32.5°	168.8
35°	141.0
37.5°	117.2
40°	95.7
42.5°	75.9
45°	57.8
47.5°	43.6
50°	32.8
52.5°	24.3
55°	19.8
57.5°	17.6
60°	15.3
62.5°	13.6
65°	11.9
67.5°	10.2
70°	9.1
72.5°	7.4
75°	6.2
77.5°	5.1
80°	4.0
82.5°	2.8
85°	1.7
87.5°	0.6
90°	0.0

(END OF REPORT)