

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: P1270139

Luminaire Tested: P3A17R259740DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270139
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R259740DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 97CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

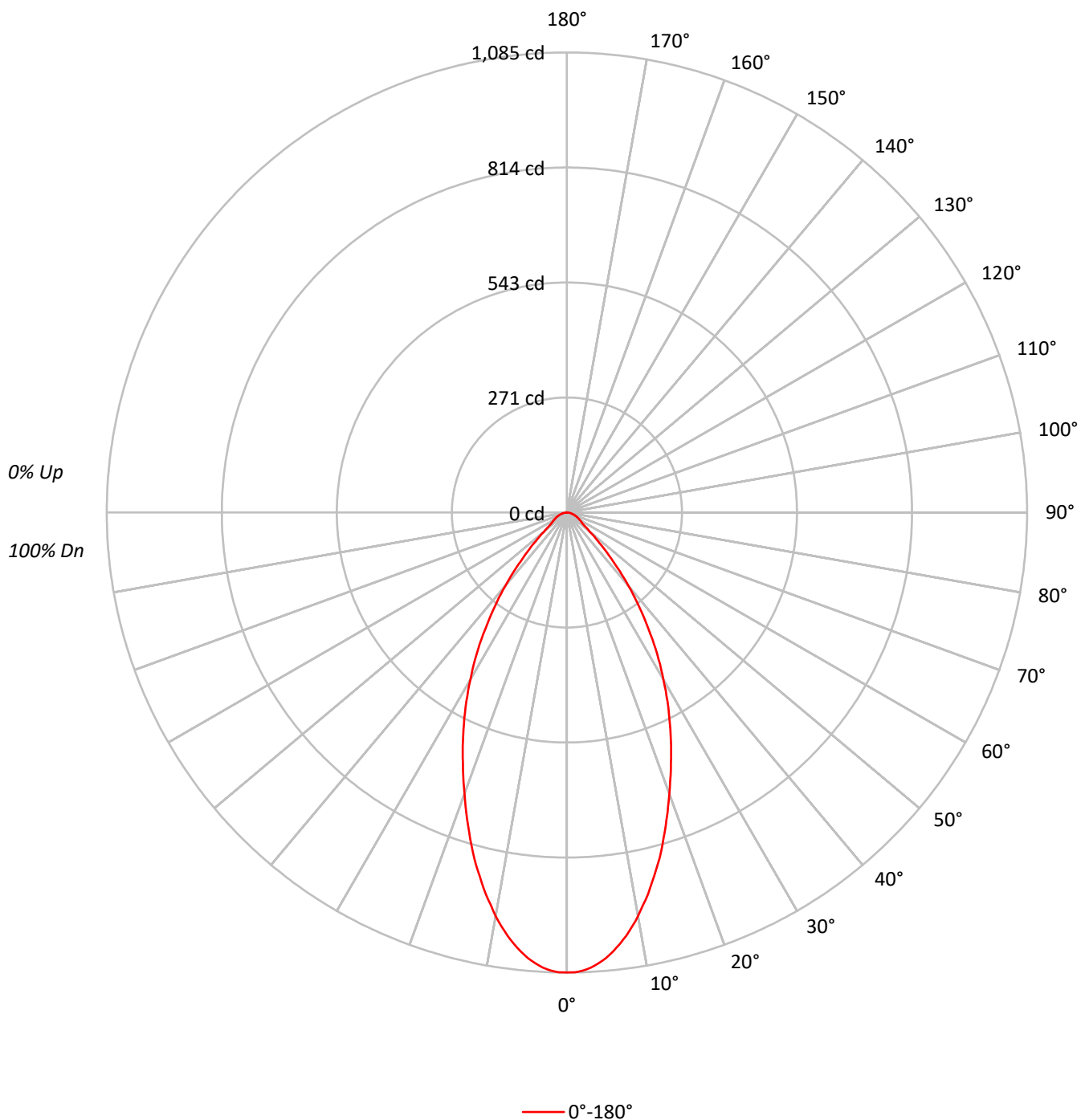
Lumens per Lamp: N/A
Luminaire Lumens: 1001.0 lumens
Efficiency: N/A
Efficacy: 47.2 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1270139

CATALOG NUMBER: P3A17R259740DE010 E3DLD1LI

Luminous Intensity Polar Plot





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CATALOG NUMBER: P3A17R259740DE010 E3DLD1LI

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	112	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	82	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	76	72		78
5	89	79	73	68	87	78	72	68	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	62		70	65	61		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	54	74	64	58	53	63	57	53		62	57	53		61
9	71	61	54	50	70	60	54	50	59	54	50		58	53	50		57
10	68	57	51	47	67	57	51	47	56	50	47		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	237898
5°	232225
10°	215204
15°	191647
20°	164701
25°	139992
30°	115258
35°	89811
40°	64607
45°	40997
50°	24255
55°	16668
60°	15306
65°	14217
70°	12823
75°	11607
80°	10986
85°	9309

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 40997 cd/sqm

TEST NUMBER: P1270139

CATALOG NUMBER: P3A17R259740DE010 E3DLD1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	97.8	9.8
10°-20°	234.4	23.4
20°-30°	264.8	26.5
30°-40°	209.5	20.9
40°-50°	105.8	10.6
50°-60°	42.4	4.2
60°-70°	27.1	2.7
70°-80°	15.0	1.5
80°-90°	4.2	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°	597.0	59.6
0°-40°	806.5	80.6
0°-60°	954.6	95.4
0°-90°	1001.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1001.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1085	
5°	1055	98
15°	844	234
25°	579	265
35°	336	209
45°	132	106
55°	44	42
65°	27	27
75°	14	15
85°	4	4
90°	0	

TEST NUMBER: P1270139

CATALOG NUMBER: P3A17R259740DE010 E3DLD1LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	1084.9
1°	1084.9
2°	1081.2
3°	1074.9
4°	1066.2
5°	1055.0
6°	1041.3
7°	1025.1
8°	1007.6
9°	987.7
10°	966.5
11°	942.8
12°	920.3
13°	894.1
14°	869.2
15°	844.2
17.5°	774.4
20°	705.8
22.5°	641.0
25°	578.6
27.5°	517.5
30°	455.2
32.5°	396.6
35°	335.5
37.5°	279.3
40°	225.7
42.5°	175.8
45°	132.2
47.5°	98.5
50°	71.1
52.5°	53.6
55°	43.6
57.5°	39.9
60°	34.9
62.5°	31.2
65°	27.4
67.5°	23.7
70°	20.0
72.5°	17.5
75°	13.7
77.5°	11.2
80°	8.7
82.5°	6.2
85°	3.7
87.5°	1.2



TEST NUMBER: P1270139

CATALOG NUMBER: P3A17R259740DE010 E3DLD1LI

CANDELA DISTRIBUTION (continued):



(END OF REPORT)