

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: P1270136

Luminaire Tested: P3A17R259740DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270136
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R259740DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 97CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

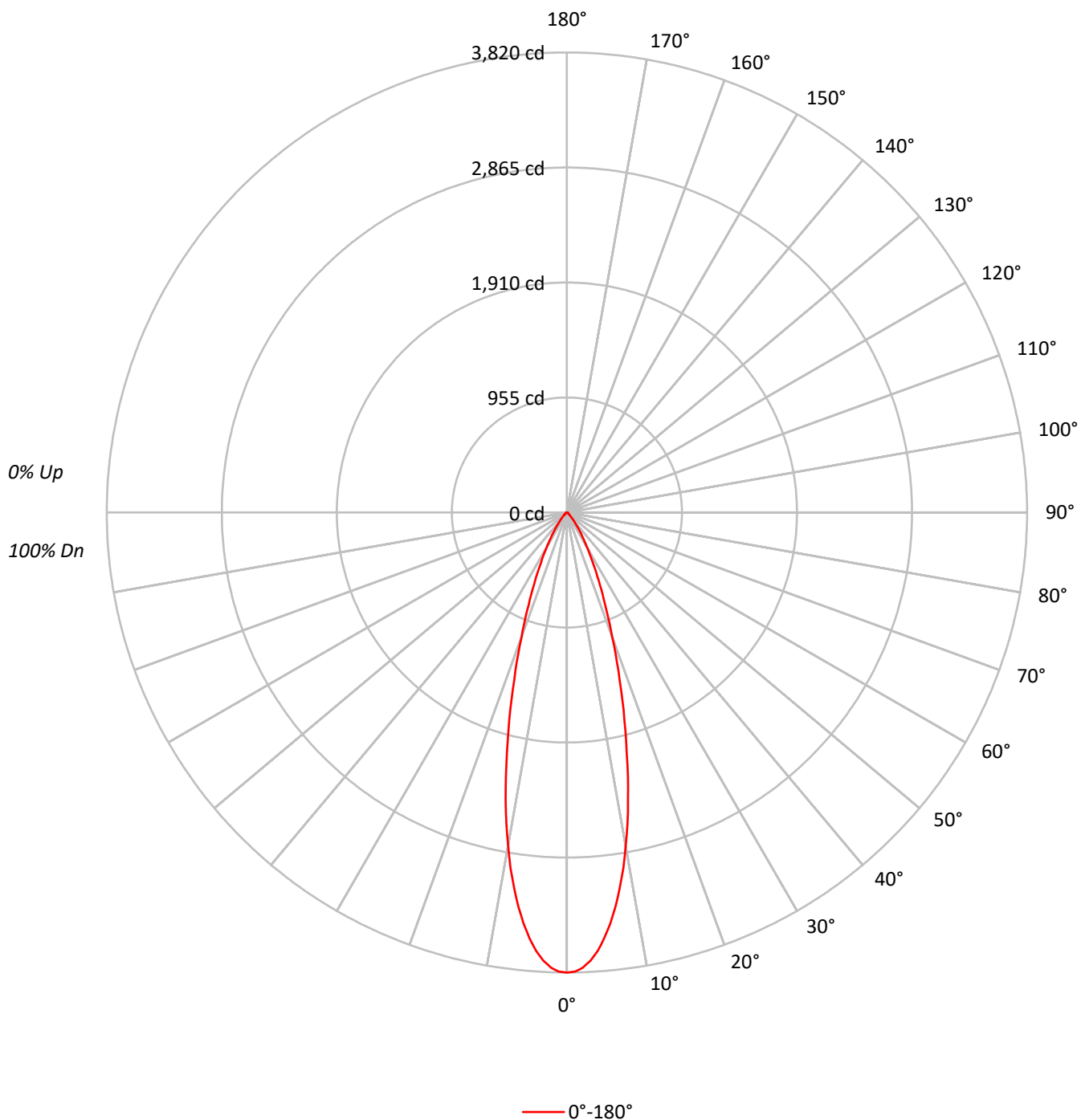
Lumens per Lamp: N/A
Luminaire Lumens: 1306.0 lumens
Efficiency: N/A
Efficacy: 61.6 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1270136

CATALOG NUMBER: P3A17R259740DE010 E3DL1WMH

Luminous Intensity Polar Plot



TEST NUMBER: P1270136

CATALOG NUMBER: P3A17R259740DE010 E3DL1WMH

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	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	105	102	99	107	104	101	98	101	98	96		98	96	94		95
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85
6	94	86	81	78	92	86	81	78	84	80	77		83	79	77		82
7	90	83	78	74	89	82	77	74	81	77	74		80	76	73		79
8	87	79	74	71	86	79	74	71	78	74	71		77	73	70		76
9	84	76	71	68	83	76	71	68	75	71	68		74	70	68		73
10	81	73	69	65	80	73	68	65	72	68	65		72	68	65		71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	837740
5°	781618
10°	626130
15°	425019
20°	257179
25°	150396
30°	85633
35°	47114
40°	25018
45°	13149
50°	7676
55°	5735
60°	4912
65°	5189
70°	4809
75°	4236
80°	3157
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 13149 cd/sqm

TEST NUMBER: P1270136

CATALOG NUMBER: P3A17R259740DE010 E3DL1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	315.1	24.1
10°-20°	514.7	39.4
20°-30°	294.1	22.5
30°-40°	116.1	8.9
40°-50°	35.6	2.7
50°-60°	14.1	1.1
60°-70°	9.4	0.7
70°-80°	5.2	0.4
80°-90°	1.7	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°	1123.9	86.1
0°-40°	1240.0	94.9
0°-60°	1289.6	98.7
0°-90°	1306.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1306.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3820	
5°	3551	315
15°	1872	515
25°	622	294
35°	176	116
45°	42	36
55°	15	14
65°	10	9
75°	5	5
85°	1	2
90°	0	

TEST NUMBER: P1270136

CATALOG NUMBER: P3A17R259740DE010 E3DL1WMH

CANDELA DISTRIBUTION (FULL):

0°	
0°	3820.4
1°	3813.0
2°	3781.8
3°	3726.8
4°	3650.7
5°	3550.9
6°	3433.5
7°	3301.2
8°	3147.7
9°	2990.5
10°	2812.0
11°	2636.0
12°	2442.5
13°	2251.6
14°	2055.6
15°	1872.2
17.5°	1451.5
20°	1102.1
22.5°	827.5
25°	621.6
27.5°	460.6
30°	338.2
32.5°	244.6
35°	176.0
37.5°	124.8
40°	87.4
42.5°	59.9
45°	42.4
47.5°	30.0
50°	22.5
52.5°	17.5
55°	15.0
57.5°	13.7
60°	11.2
62.5°	10.0
65°	10.0
67.5°	8.7
70°	7.5
72.5°	6.2
75°	5.0
77.5°	3.7
80°	2.5
82.5°	2.5
85°	1.2
87.5°	1.2



TEST NUMBER: P1270136

CATALOG NUMBER: P3A17R259740DE010 E3DL1WMH

CANDELA DISTRIBUTION (continued):



(END OF REPORT)