

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: P1263128

Luminaire Tested: P3A17R459727DE010 E3DLP1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1263128
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R459727DE010 E3DLP1WMH
Description: 3in Adjustable LED luminaire with, R45 optic, 2700K CCT AND, 97CRI , E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

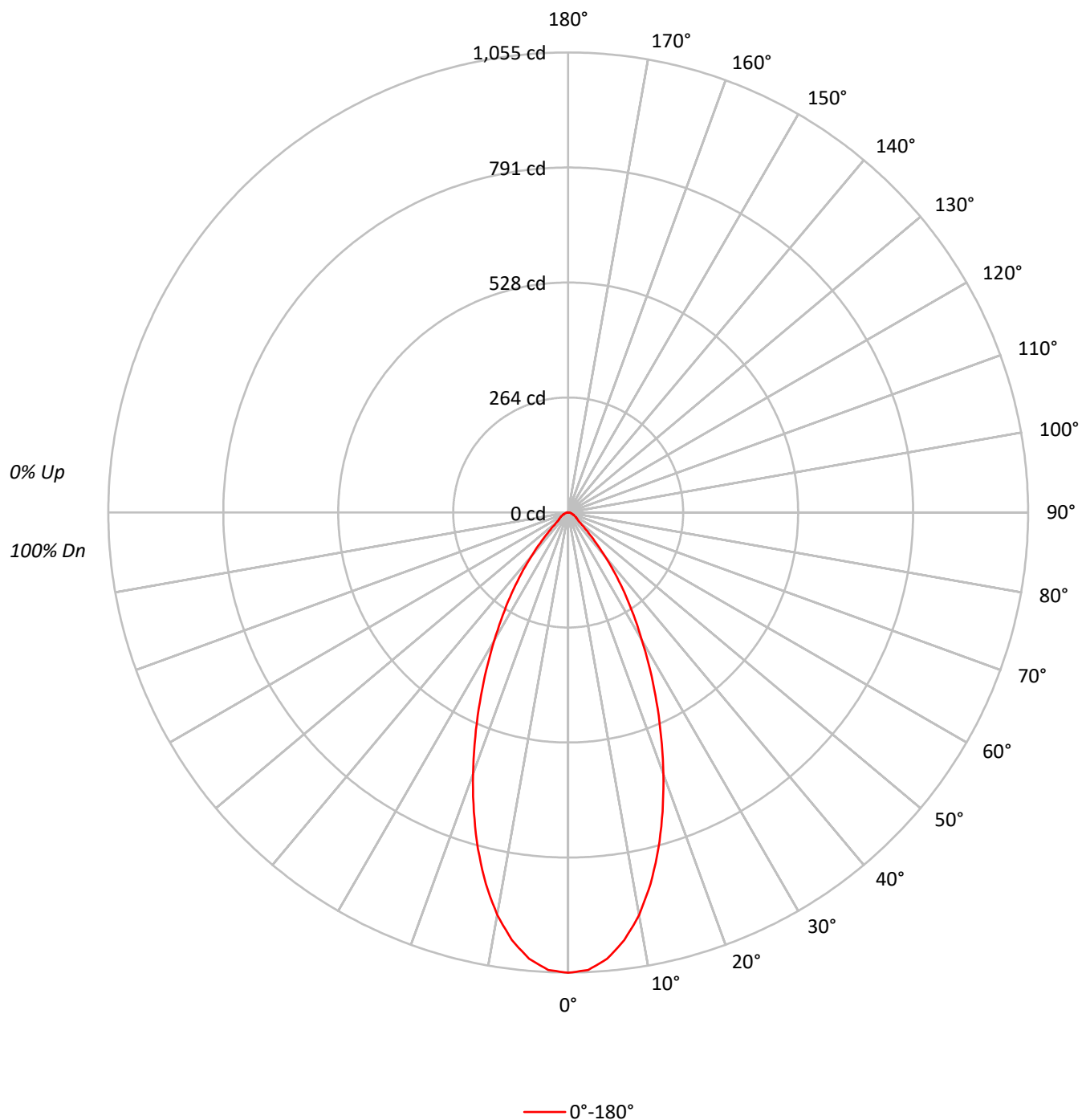
Lumens per Lamp: N/A
Luminaire Lumens: 777.0 lumens
Efficiency: N/A
Efficacy: 36.7 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1263128

CATALOG NUMBER: P3A17R459727DE010 E3DLP1WMH

Luminous Intensity Polar Plot



TEST NUMBER: P1263128

CATALOG NUMBER: P3A17R459727DE010 E3DLP1WMH

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	107	105	111	108	106	103	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	102	95	90	85	100	93	89	85	91	87	83		88	85	82		86
4	96	88	83	78	94	87	82	78	85	81	77		83	79	76		81
5	91	83	77	72	90	82	76	72	80	75	71		78	74	71		77
6	87	78	72	67	85	77	71	67	75	70	66		74	69	66		73
7	83	73	67	63	81	72	67	63	71	66	62		70	65	62		69
8	79	69	63	59	77	68	63	59	67	62	58		66	62	58		65
9	75	65	59	55	74	65	59	55	64	59	55		63	58	55		62
10	72	62	56	52	71	61	56	52	61	55	52		60	55	52		59

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	231429
5°	226150
10°	208636
15°	181409
20°	149020
25°	115966
30°	85633
35°	60258
40°	37613
45°	20374
50°	11019
55°	9481
60°	8508
65°	7264
70°	6219
75°	6354
80°	5430
85°	5535

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 20374 cd/sqm

TEST NUMBER: P1263128

CATALOG NUMBER: P3A17R459727DE010 E3DLP1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	95.2	12.2
10°-20°	220.9	28.4
20°-30°	219.3	28.2
30°-40°	141.2	18.2
40°-50°	54.4	7.0
50°-60°	22.1	2.8
60°-70°	14.0	1.8
70°-80°	7.5	1.0
80°-90°	2.4	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°	535.4	68.9
0°-40°	676.6	87.1
0°-60°	753.2	96.9
0°-90°	777.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	777.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1055	
5°	1027	95
15°	799	221
25°	479	219
35°	225	141
45°	66	54
55°	25	22
65°	14	14
75°	8	8
85°	2	2
90°	0	

TEST NUMBER: P1263128

CATALOG NUMBER: P3A17R459727DE010 E3DLP1WMH

CANDELA DISTRIBUTION (FULL):

0°	
0°	1055.4
2.5°	1050.1
5°	1027.4
7.5°	988.7
10°	937.0
12.5°	872.4
15°	799.1
17.5°	719.4
20°	638.6
22.5°	556.8
25°	479.3
27.5°	406.0
30°	338.2
32.5°	278.9
35°	225.1
37.5°	176.6
40°	131.4
42.5°	94.8
45°	65.7
47.5°	44.2
50°	32.3
52.5°	26.9
55°	24.8
57.5°	21.5
60°	19.4
62.5°	16.2
65°	14.0
67.5°	11.8
70°	9.7
72.5°	8.6
75°	7.5
77.5°	5.4
80°	4.3
82.5°	3.2
85°	2.2
87.5°	1.1
90°	0.0

(END OF REPORT)