

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: P1257669

Luminaire Tested: P3AS17R159040DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257669
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: P3AS17R159040DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 4000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

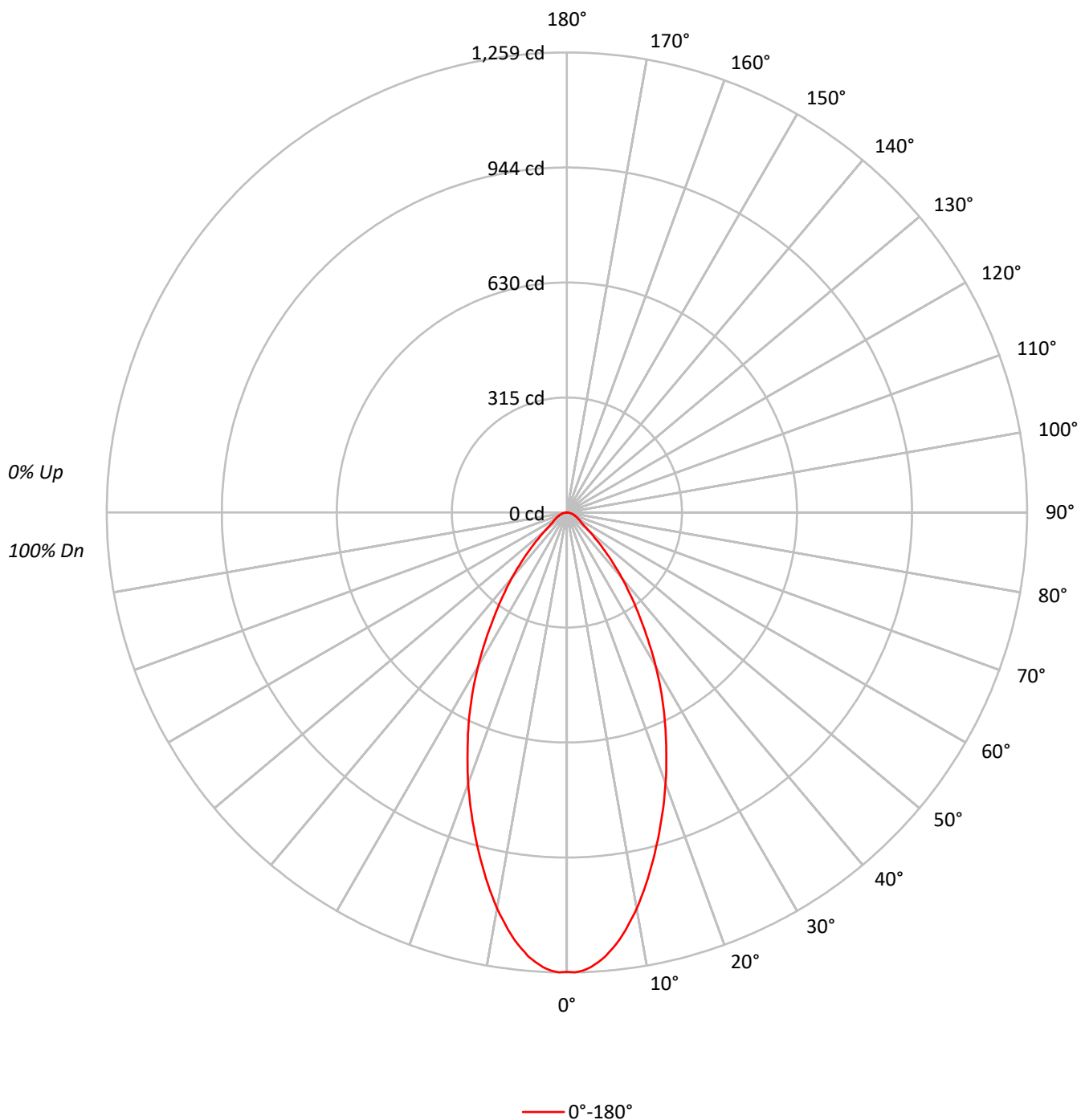
Lumens per Lamp: N/A
Luminaire Lumens: 1093.0 lumens
Efficiency: N/A
Efficacy: 51.6 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1257669

CATALOG NUMBER: P3AS17R159040DE010 E3DLD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1257669

CATALOG NUMBER: P3AS17R159040DE010 E3DLD1MW

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	275702
5°	268214
10°	245108
15°	214689
20°	184186
25°	153783
30°	123057
35°	92300
40°	66983
45°	43787
50°	27394
55°	18542
60°	16402
65°	15099
70°	14233
75°	12878
80°	12249
85°	10567

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 43787 cd/sqm

TEST NUMBER: P1257669

CATALOG NUMBER: P3AS17R159040DE010 E3DLD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	112.4	10.3
10°-20°	263.5	24.1
20°-30°	290.3	26.6
30°-40°	217.4	19.9
40°-50°	112.7	10.3
50°-60°	46.7	4.3
60°-70°	28.9	2.6
70°-80°	16.3	1.5
80°-90°	4.7	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°	666.3	61.0
0°-40°	883.7	80.9
0°-60°	1043.1	95.4
0°-90°	1093.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1093.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1257	
5°	1218	112
15°	946	264
25°	636	290
35°	345	217
45°	141	113
55°	48	47
65°	29	29
75°	15	16
85°	4	5
90°	0	

TEST NUMBER: P1257669

CATALOG NUMBER: P3AS17R159040DE010 E3DLD1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	1257.3
1°	1258.7
2°	1254.5
3°	1246.2
4°	1233.7
5°	1218.5
6°	1199.1
7°	1178.3
8°	1153.4
9°	1127.1
10°	1100.8
12.5°	1024.6
15°	945.7
17.5°	866.8
20°	789.3
22.5°	710.3
25°	635.6
27.5°	560.8
30°	486.0
32.5°	412.6
35°	344.8
37.5°	286.6
40°	234.0
42.5°	185.5
45°	141.2
47.5°	106.6
50°	80.3
52.5°	59.5
55°	48.5
57.5°	42.9
60°	37.4
62.5°	33.2
65°	29.1
67.5°	24.9
70°	22.2
72.5°	18.0
75°	15.2
77.5°	12.5
80°	9.7
82.5°	6.9
85°	4.2
87.5°	1.4
90°	0.0

(END OF REPORT)