

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: P1257908

Luminaire Tested: P3AS17R559040DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257908
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-33)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R559040DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R55 optic, 4000K CCT AND, 90CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

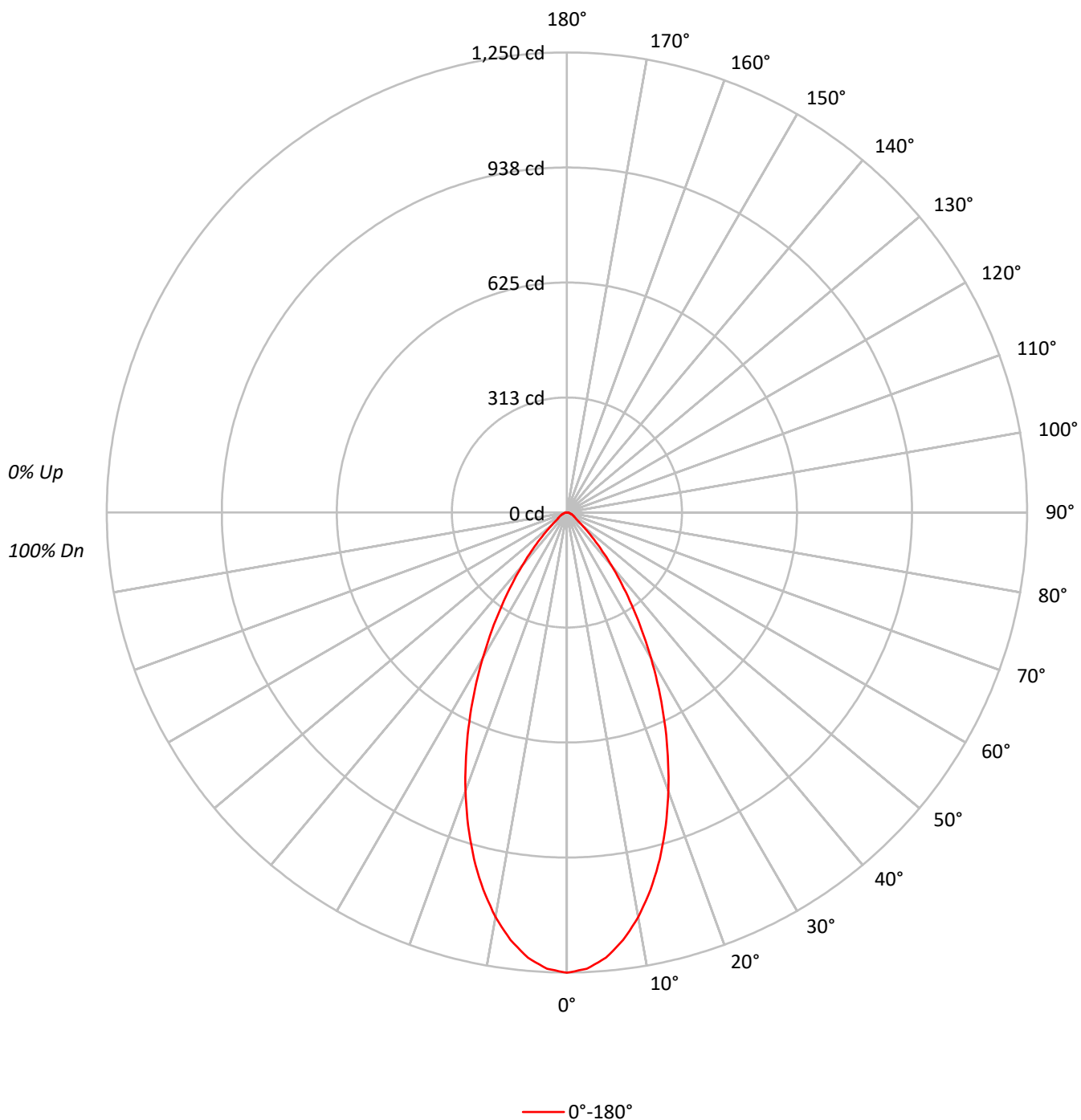
Lumens per Lamp: N/A
Luminaire Lumens: 1008.0 lumens
Efficiency: N/A
Efficacy: 47.5 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.8
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1257908

CATALOG NUMBER: P3AS17R559040DE010 E3DLP1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1257908

CATALOG NUMBER: P3AS17R559040DE010 E3DLP1MW

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	110	108	105	103	104	102	100		100	98	97		97
2	107	102	97	94	105	100	96	93	97	93	91		94	91	89		91
3	101	94	89	85	99	93	88	84	90	86	83		88	84	81		85
4	96	88	82	77	94	87	81	77	84	80	76		82	78	75		80
5	91	82	76	71	89	81	75	71	79	74	70		77	73	70		76
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		72
7	82	72	66	61	80	71	65	61	70	65	61		69	64	60		68
8	78	68	62	57	76	67	61	57	66	61	57		65	60	57		64
9	74	64	58	54	73	63	58	54	62	57	53		62	57	53		61
10	70	60	55	51	69	60	54	50	59	54	50		58	54	50		58

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	274210
5°	267334
10°	248537
15°	221318
20°	188083
25°	151775
30°	115714
35°	82289
40°	54302
45°	32220
50°	18899
55°	11660
60°	10306
65°	9340
70°	8014
75°	7032
80°	6945
85°	7045

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 32220 cd/sqm

TEST NUMBER: P1257908

CATALOG NUMBER: P3AS17R559040DE010 E3DLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	112.8	11.2
10°-20°	270.3	26.8
20°-30°	286.3	28.4
30°-40°	193.4	19.2
40°-50°	84.8	8.4
50°-60°	30.4	3.0
60°-70°	17.8	1.8
70°-80°	9.3	0.9
80°-90°	3.0	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°	669.3	66.4
0°-40°	862.7	85.6
0°-60°	977.9	97.0
0°-90°	1008.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1008.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1250	
5°	1214	113
15°	975	270
25°	627	286
35°	307	193
45°	104	85
55°	30	30
65°	18	18
75°	8	9
85°	3	3
90°	0	

TEST NUMBER: P1257908

CATALOG NUMBER: P3AS17R559040DE010 E3DLP1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	1250.5
2.5°	1240.8
5°	1214.5
7.5°	1171.6
10°	1116.2
12.5°	1049.7
15°	974.9
17.5°	891.8
20°	806.0
22.5°	715.9
25°	627.3
27.5°	540.1
30°	457.0
32.5°	378.1
35°	307.4
37.5°	243.7
40°	189.7
42.5°	142.6
45°	103.9
47.5°	76.2
50°	55.4
52.5°	38.8
55°	30.5
57.5°	27.7
60°	23.5
62.5°	20.8
65°	18.0
67.5°	15.2
70°	12.5
72.5°	11.1
75°	8.3
77.5°	6.9
80°	5.5
82.5°	4.2
85°	2.8
87.5°	1.4
90°	0.0

(END OF REPORT)