

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: P1257336

Luminaire Tested: P3AS13R259040DE010 E3CD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257336
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-12)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R259040DE010 E3CD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 90CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

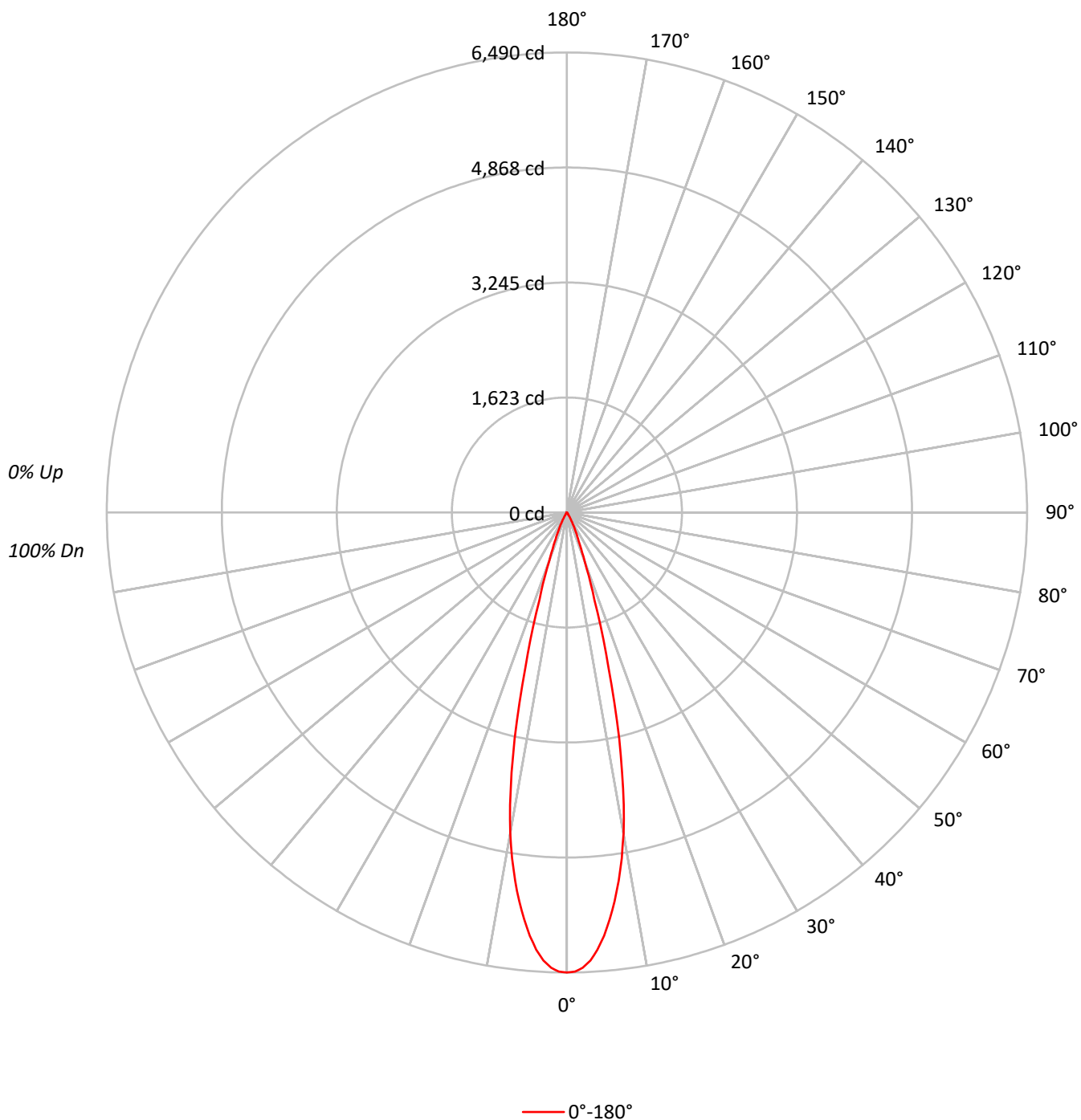
Lumens per Lamp: N/A
Luminaire Lumens: 1330.9 lumens
Efficiency: N/A
Efficacy: 91.2 lumens/watt
Spacing Criteria (0/90/45): 0.45 / 0.45 / 0.41
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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: P1257336

CATALOG NUMBER: P3AS13R259040DE010 E3CD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1257336

CATALOG NUMBER: P3AS13R259040DE010 E3CD1MW

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	115	113	111	110	113	111	109	108	107	106	105		103	103	102		100
2	112	108	105	103	110	107	104	102	104	102	100		101	99	98		98
3	108	104	101	98	107	103	100	97	100	98	96		98	96	94		96
4	105	100	97	94	104	99	96	93	97	95	92		96	93	91		94
5	103	97	93	90	101	96	93	90	95	92	89		93	91	89		92
6	100	94	90	87	99	93	90	87	92	89	87		91	88	86		90
7	97	91	88	85	96	91	87	85	90	87	84		89	86	84		88
8	95	89	85	83	94	89	85	82	88	84	82		87	84	82		86
9	93	87	83	80	92	86	83	80	86	82	80		85	82	80		84
10	91	85	81	78	90	84	81	78	84	80	78		83	80	78		82

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1423022
5°	1319829
10°	1023539
15°	513238
20°	168621
25°	67044
30°	25143
35°	7281
40°	3292
45°	1302
50°	1058
55°	803
60°	921
65°	1090
70°	641
75°	847
80°	1263
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1302 cd/sqm

TEST NUMBER: P1257336

CATALOG NUMBER: P3AS13R259040DE010 E3CD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	527.4	39.6
10°-20°	629.2	47.3
20°-30°	141.8	10.7
30°-40°	23.0	1.7
40°-50°	4.2	0.3
50°-60°	2.2	0.2
60°-70°	1.9	0.1
70°-80°	1.1	0.1
80°-90°	0.1	0.0
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°	1298.4	97.6
0°-40°	1321.4	99.3
0°-60°	1327.8	99.8
0°-90°	1330.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1330.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	6490	
5°	5996	527
15°	2261	629
25°	277	142
35°	27	23
45°	4	4
55°	2	2
65°	2	2
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1257336

CATALOG NUMBER: P3AS13R259040DE010 E3CD1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	6489.5
1°	6479.1
2°	6426.8
3°	6330.6
4°	6185.2
5°	5996.0
6°	5770.1
7°	5525.4
8°	5245.2
9°	4938.8
10°	4596.8
11°	4202.6
12°	3748.8
13°	3274.1
14°	2764.8
15°	2260.8
17.5°	1288.3
20°	722.6
22.5°	436.1
25°	277.1
27.5°	170.4
30°	99.3
32.5°	52.3
35°	27.2
37.5°	17.8
40°	11.5
42.5°	7.3
45°	4.2
47.5°	3.1
50°	3.1
52.5°	3.1
55°	2.1
57.5°	2.1
60°	2.1
62.5°	2.1
65°	2.1
67.5°	2.1
70°	1.0
72.5°	1.0
75°	1.0
77.5°	1.0
80°	1.0
82.5°	0.0
85°	0.0
87.5°	0.0



TEST NUMBER: P1257336

CATALOG NUMBER: P3AS13R259040DE010 E3CD1MW

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)