

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: P1247055

Luminaire Tested: P3A13R609024DE010 E3CD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247055
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-40)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R609024DE010 E3CD1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 2400K CCT AND, 90CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

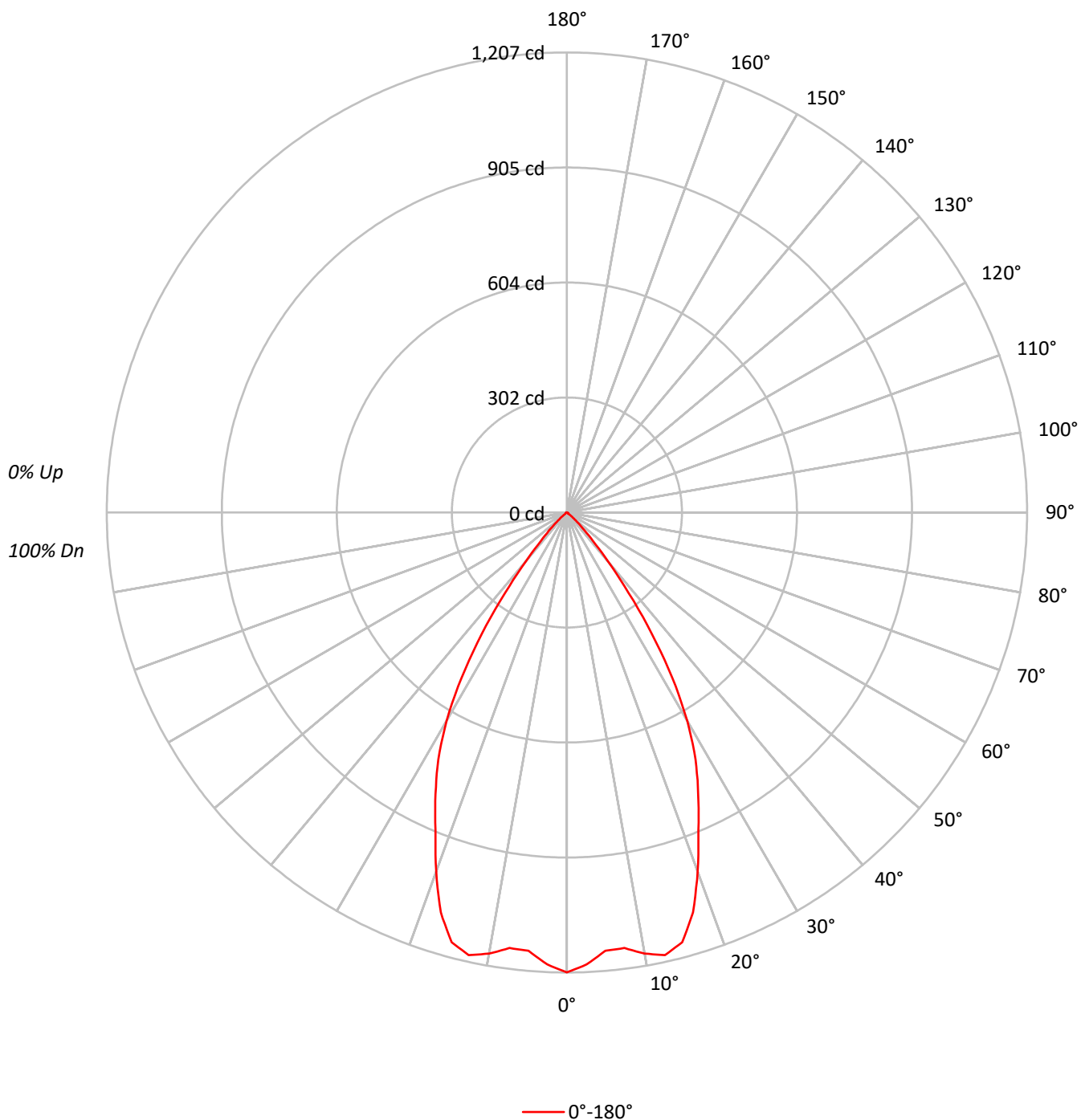
Lumens per Lamp: N/A
Luminaire Lumens: 1108.1 lumens
Efficiency: N/A
Efficacy: 75.9 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.91
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1247055

CATALOG NUMBER: P3A13R609024DE010 E3CD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1247055

CATALOG NUMBER: P3A13R609024DE010 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	114	111	108	106	111	109	106	104	105	103	101		101	100	98		97
2	108	103	99	96	106	102	98	95	98	95	93		95	93	91		93
3	103	96	91	88	101	95	90	87	92	89	85		90	87	84		88
4	98	90	85	81	96	89	84	80	87	83	79		85	81	78		83
5	93	84	79	74	91	84	78	74	82	77	73		80	76	73		79
6	88	79	73	69	87	79	73	69	77	72	68		76	71	68		74
7	84	75	69	64	82	74	68	64	73	68	64		71	67	64		70
8	80	70	64	60	78	70	64	60	69	64	60		68	63	60		67
9	76	66	61	57	75	66	60	56	65	60	56		64	59	56		63
10	72	63	57	53	71	62	57	53	62	56	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	264584
5°	254083
10°	261607
15°	264973
20°	233960
25°	197189
30°	159923
35°	104159
40°	47832
45°	18327
50°	6141
55°	1644
60°	1491
65°	1349
70°	1090
75°	1440
80°	1137
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 18327 cd/sqm

TEST NUMBER: P1247055

CATALOG NUMBER: P3A13R609024DE010 E3CD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	111.1	10.0
10°-20°	319.6	28.8
20°-30°	372.8	33.6
30°-40°	240.6	21.7
40°-50°	53.9	4.9
50°-60°	5.4	0.5
60°-70°	2.6	0.2
70°-80°	1.5	0.1
80°-90°	0.6	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°	803.5	72.5
0°-40°	1044.1	94.2
0°-60°	1103.4	99.6
0°-90°	1108.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1108.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1207	
5°	1154	111
15°	1167	320
25°	815	373
35°	389	241
45°	59	54
55°	4	5
65°	3	3
75°	2	1
85°	1	1
90°	0	

TEST NUMBER: P1247055

CATALOG NUMBER: P3A13R609024DE010 E3CD1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	1206.6
2.5°	1186.9
5°	1154.3
7.5°	1152.6
10°	1174.9
12.5°	1189.5
15°	1167.2
17.5°	1100.3
20°	1002.6
22.5°	900.7
25°	815.0
27.5°	731.0
30°	631.6
32.5°	515.0
35°	389.1
37.5°	265.7
40°	167.1
42.5°	100.3
45°	59.1
47.5°	34.3
50°	18.0
52.5°	6.0
55°	4.3
57.5°	3.4
60°	3.4
62.5°	2.6
65°	2.6
67.5°	2.6
70°	1.7
72.5°	1.7
75°	1.7
77.5°	0.9
80°	0.9
82.5°	0.9
85°	0.9
87.5°	0.0
90°	0.0

(END OF REPORT)