

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: P1245855

Luminaire Tested: P3A02R609024DE010 E3CD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1245855
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: P3A02R609024DE010 E3CD1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 2400K CCT AND, 90CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

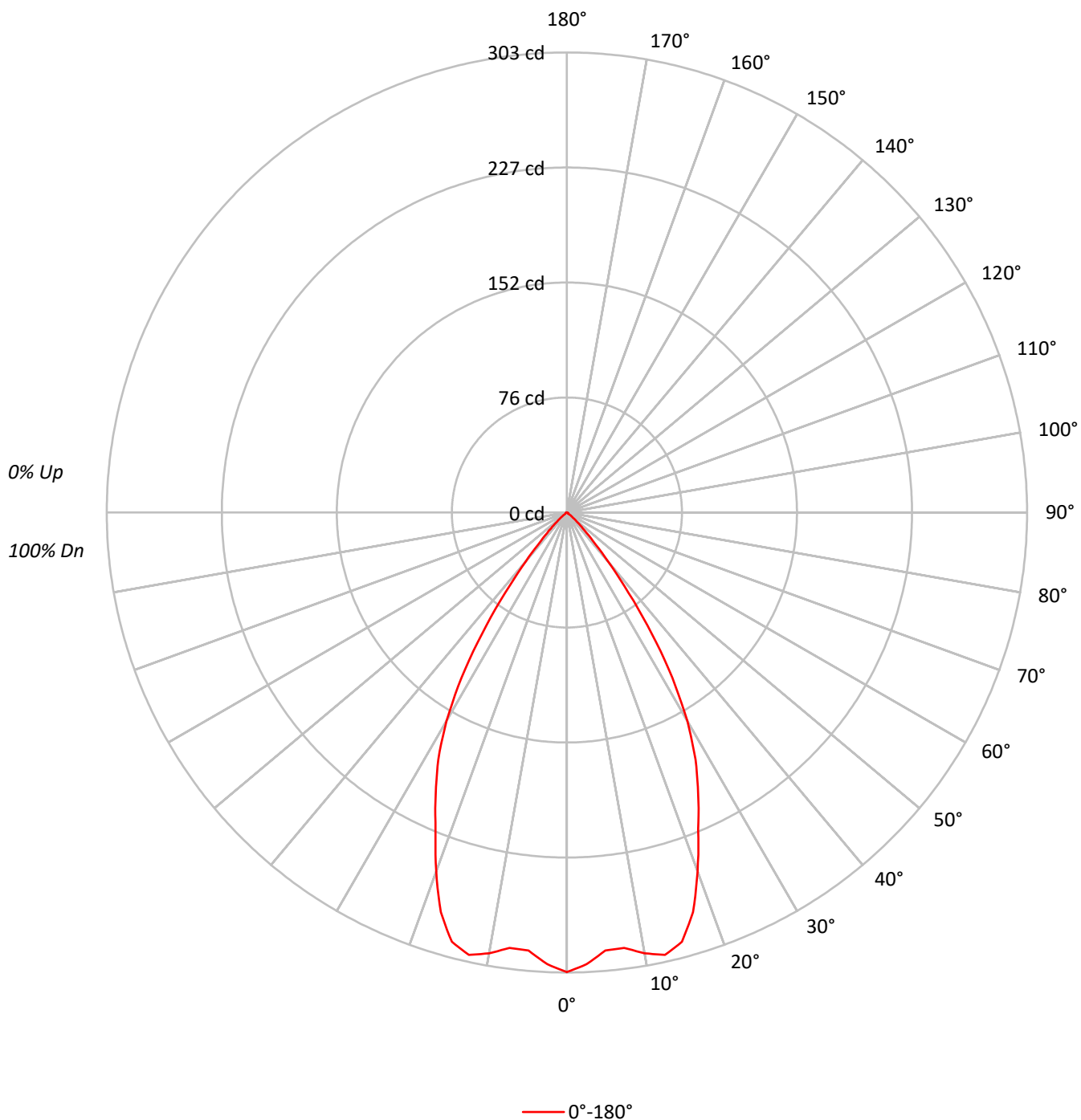
Lumens per Lamp: N/A
Luminaire Lumens: 278.0 lumens
Efficiency: N/A
Efficacy: 77.2 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.91
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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: P1245855

CATALOG NUMBER: P3A02R609024DE010 E3CD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1245855

CATALOG NUMBER: P3A02R609024DE010 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	79	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°	66376
5°	63746
10°	65641
15°	66470
20°	58712
25°	49479
30°	40133
35°	26127
40°	11994
45°	4590
50°	1535
55°	421
60°	395
65°	311
70°	256
75°	339
80°	253
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 4590 cd/sqm

TEST NUMBER: P1245855

CATALOG NUMBER: P3A02R609024DE010 E3CD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.9	10.0
10°-20°	80.2	28.9
20°-30°	93.5	33.7
30°-40°	60.4	21.7
40°-50°	13.5	4.9
50°-60°	1.4	0.5
60°-70°	0.6	0.2
70°-80°	0.3	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°	201.6	72.5
0°-40°	262.0	94.3
0°-60°	276.9	99.6
0°-90°	278.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	278.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	303	
5°	290	28
15°	293	80
25°	204	94
35°	98	60
45°	15	14
55°	1	1
65°	1	1
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1245855

CATALOG NUMBER: P3A02R609024DE010 E3CD1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	302.7
2.5°	297.8
5°	289.6
7.5°	289.2
10°	294.8
12.5°	298.4
15°	292.8
17.5°	276.1
20°	251.6
22.5°	226.0
25°	204.5
27.5°	183.4
30°	158.5
32.5°	129.2
35°	97.6
37.5°	66.7
40°	41.9
42.5°	25.2
45°	14.8
47.5°	8.6
50°	4.5
52.5°	1.5
55°	1.1
57.5°	0.9
60°	0.9
62.5°	0.6
65°	0.6
67.5°	0.6
70°	0.4
72.5°	0.4
75°	0.4
77.5°	0.2
80°	0.2
82.5°	0.2
85°	0.2
87.5°	0.0
90°	0.0

(END OF REPORT)