

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: P1255920

Luminaire Tested: P3A24R609035D010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255920
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-37)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A24R609035D010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 3500K CCT AND, 90CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

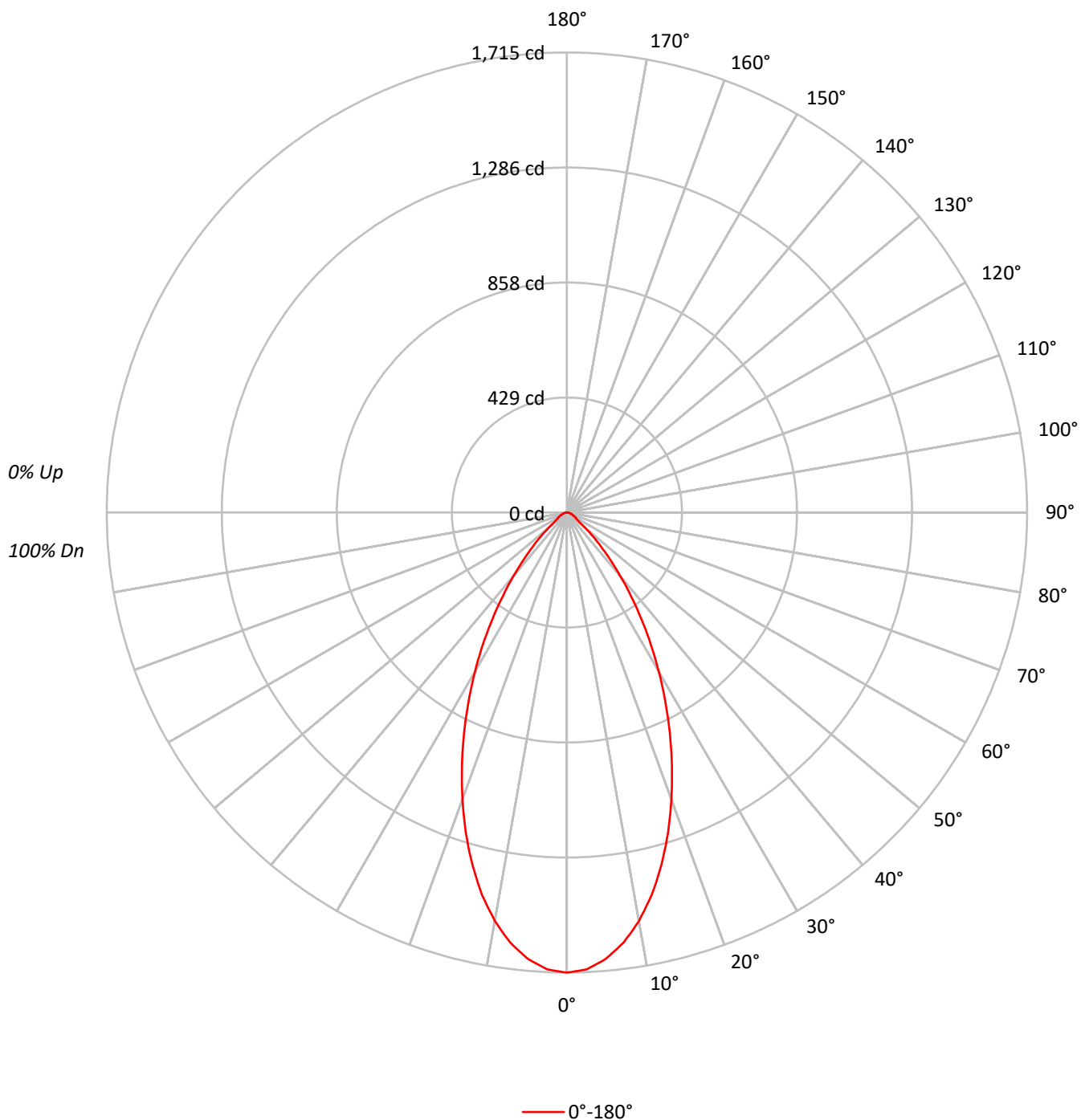
Lumens per Lamp: N/A
Luminaire Lumens: 1484.0 lumens
Efficiency: N/A
Efficacy: 51.5 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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: P1255920

CATALOG NUMBER: P3A24R609035D010 E3DLP1MW

Luminous Intensity Polar Plot





TEST NUMBER: P1255920

CATALOG NUMBER: P3A24R609035D010 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		96
2	107	101	97	93	104	100	96	92	96	93	90		93	91	88		91
3	101	94	88	84	99	92	87	83	90	86	82		87	84	81		85
4	95	87	81	77	93	86	80	76	84	79	75		82	78	74		80
5	90	81	75	70	88	80	74	70	78	73	69		77	72	69		75
6	85	76	69	65	84	75	69	65	73	68	64		72	67	64		71
7	81	71	65	60	79	70	64	60	69	64	60		68	63	59		67
8	77	67	60	56	75	66	60	56	65	60	56		64	59	55		63
9	73	63	57	52	72	62	56	52	61	56	52		60	55	52		60
10	69	59	53	49	68	59	53	49	58	53	49		57	52	49		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	376088
5°	367642
10°	344193
15°	308810
20°	265556
25°	219569
30°	173495
35°	128840
40°	88738
45°	55665
50°	30600
55°	17930
60°	16095
65°	13750
70°	11797
75°	12115
80°	10355
85°	10315

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 55665 cd/sqm

TEST NUMBER: P1255920

CATALOG NUMBER: P3A24R609035D010 E3DLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	155.5	10.5
10°-20°	377.8	25.5
20°-30°	414.4	27.9
30°-40°	301.9	20.3
40°-50°	142.6	9.6
50°-60°	46.7	3.1
60°-70°	26.5	1.8
70°-80°	14.3	1.0
80°-90°	4.4	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°	947.6	63.9
0°-40°	1249.5	84.2
0°-60°	1438.8	97.0
0°-90°	1484.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1484.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1715	
5°	1670	155
15°	1360	378
25°	908	414
35°	481	302
45°	180	143
55°	47	47
65°	26	26
75°	14	14
85°	4	4
90°	0	

TEST NUMBER: P1255920

CATALOG NUMBER: P3A24R609035D010 E3DLP1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	1715.1
2.5°	1704.9
5°	1670.2
7.5°	1617.2
10°	1545.8
12.5°	1460.2
15°	1360.3
17.5°	1252.2
20°	1138.0
22.5°	1021.7
25°	907.5
27.5°	793.3
30°	685.2
32.5°	581.2
35°	481.3
37.5°	391.6
40°	310.0
42.5°	238.6
45°	179.5
47.5°	130.5
50°	89.7
52.5°	59.1
55°	46.9
57.5°	40.8
60°	36.7
62.5°	30.6
65°	26.5
67.5°	22.4
70°	18.4
72.5°	16.3
75°	14.3
77.5°	10.2
80°	8.2
82.5°	6.1
85°	4.1
87.5°	2.0
90°	0.0

(END OF REPORT)