

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: P1255705

Luminaire Tested: P3A24R259035D010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255705
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A24R259035D010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

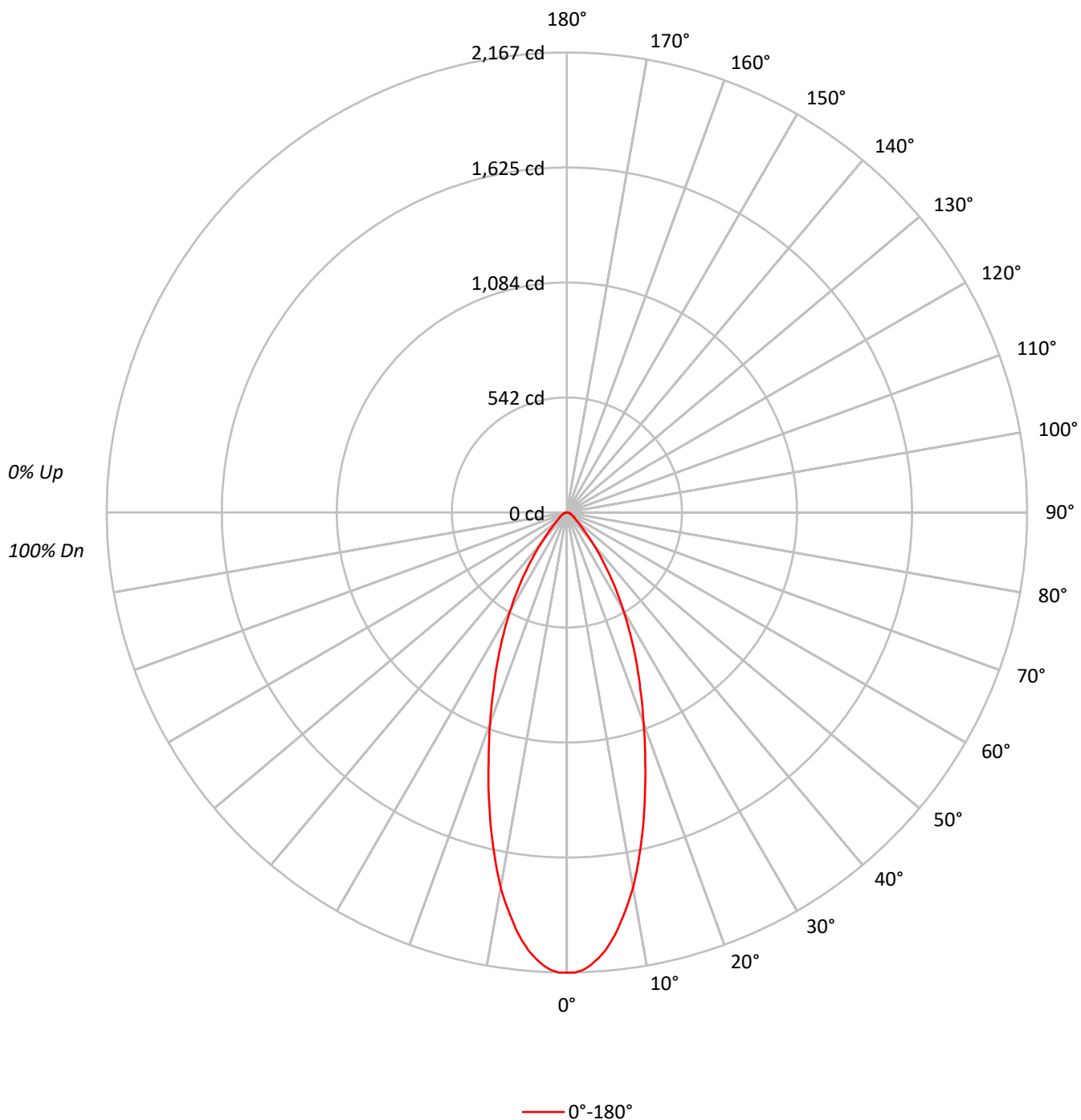
Lumens per Lamp: N/A
Luminaire Lumens: 1309.0 lumens
Efficiency: N/A
Efficacy: 45.5 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1255705

CATALOG NUMBER: P3A24R259035D010 E3DL1WH

Luminous Intensity Polar Plot



TEST NUMBER: P1255705

CATALOG NUMBER: P3A24R259035D010 E3DL1WH

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	108	105	111	108	106	104	104	102	101		100	99	98		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	86	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	74	91	83	77	73	81	76	73		79	75	72		78
6	88	79	73	69	86	78	72	68	77	72	68		75	71	67		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	65	60	79	70	64	60	69	64	60		68	63	60		67
9	76	67	61	57	75	66	61	57	65	60	57		65	60	57		64
10	73	64	58	54	72	63	58	54	62	57	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	475247
5°	455931
10°	399414
15°	321046
20°	246678
25°	186640
30°	134856
35°	89597
40°	54330
45°	31631
50°	20195
55°	16401
60°	14341
65°	12712
70°	10450
75°	10336
80°	7703
85°	10315

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 31631 cd/sqm

TEST NUMBER: P1255705

CATALOG NUMBER: P3A24R259035D010 E3DL1WH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	188.6	14.4
10°-20°	391.1	29.9
20°-30°	353.7	27.0
30°-40°	212.4	16.2
40°-50°	84.4	6.4
50°-60°	38.9	3.0
60°-70°	23.7	1.8
70°-80°	12.6	1.0
80°-90°	3.6	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°	933.3	71.3
0°-40°	1145.7	87.5
0°-60°	1269.0	96.9
0°-90°	1309.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1309.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2167	
5°	2071	189
15°	1414	391
25°	771	354
35°	335	212
45°	102	84
55°	43	39
65°	24	24
75°	12	13
85°	4	4
90°	0	

TEST NUMBER: P1255705

CATALOG NUMBER: P3A24R259035D010 E3DL1WH

CANDELA DISTRIBUTION (FULL):

0°	
0°	2167.3
1°	2167.3
2°	2157.1
3°	2134.6
4°	2106.0
5°	2071.3
6°	2026.5
7°	1975.4
8°	1916.3
9°	1857.1
10°	1793.8
11°	1720.3
12°	1644.8
13°	1569.3
14°	1493.8
15°	1414.2
17.5°	1226.5
20°	1057.1
22.5°	904.0
25°	771.4
27.5°	646.9
30°	532.6
32.5°	428.6
35°	334.7
37.5°	255.1
40°	189.8
42.5°	138.8
45°	102.0
47.5°	77.5
50°	59.2
52.5°	49.0
55°	42.9
57.5°	36.7
60°	32.7
62.5°	26.5
65°	24.5
67.5°	20.4
70°	16.3
72.5°	14.3
75°	12.2
77.5°	10.2
80°	6.1
82.5°	4.1
85°	4.1
87.5°	2.0



TEST NUMBER: P1255705

CATALOG NUMBER: P3A24R259035D010 E3DL1WH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)