

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: P1255745

Luminaire Tested: P3A24R309035D010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255745
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A24R309035D010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

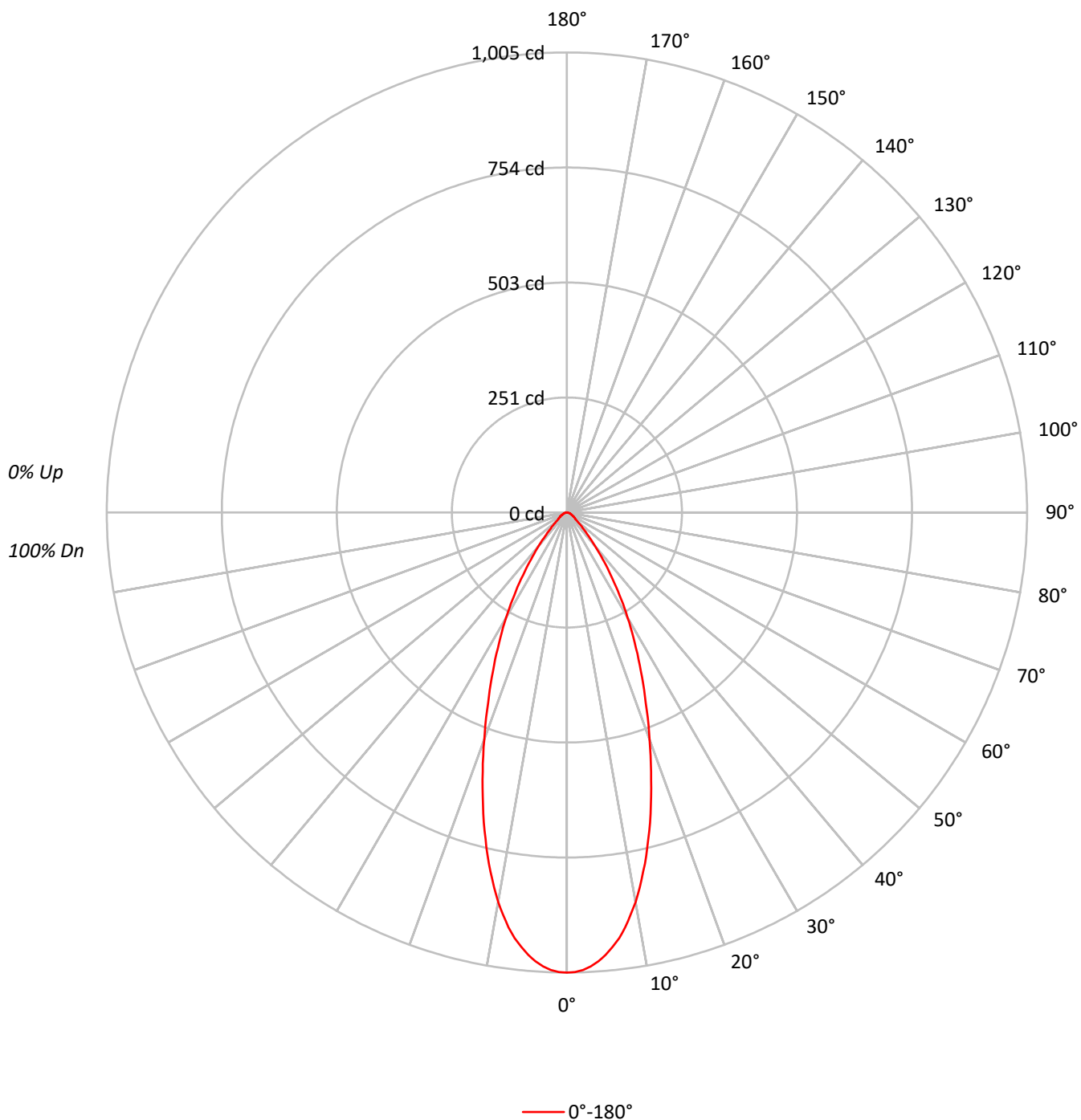
Lumens per Lamp: N/A
Luminaire Lumens: 645.0 lumens
Efficiency: N/A
Efficacy: 22.4 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1255745

CATALOG NUMBER: P3A24R309035D010 E3DLP1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1255745

CATALOG NUMBER: P3A24R309035D010 E3DLP1GPH

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	100		100	99	97		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	85	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	73	90	83	77	73	81	76	72		79	75	72		78
6	88	79	73	68	86	78	72	68	76	71	68		75	71	67		74
7	83	74	68	64	82	74	68	64	72	67	63		71	67	63		70
8	80	70	64	60	78	70	64	60	69	63	60		67	63	60		67
9	76	67	61	57	75	66	60	57	65	60	56		64	60	56		63
10	73	63	58	54	72	63	57	54	62	57	54		61	57	53		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	220399
5°	213537
10°	192403
15°	159161
20°	123234
25°	92449
30°	67099
35°	44705
40°	27480
45°	16126
50°	9893
55°	8028
60°	7017
65°	5707
70°	5129
75°	5083
80°	3788
85°	5032

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16126 cd/sqm

TEST NUMBER: P1255745

CATALOG NUMBER: P3A24R309035D010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	89.2	13.8
10°-20°	193.1	29.9
20°-30°	175.7	27.2
30°-40°	106.2	16.5
40°-50°	42.6	6.6
50°-60°	18.9	2.9
60°-70°	11.4	1.8
70°-80°	6.2	1.0
80°-90°	1.8	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°	458.0	71.0
0°-40°	564.2	87.5
0°-60°	625.6	97.0
0°-90°	645.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	645.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1005	
5°	970	89
15°	701	193
25°	382	176
35°	167	106
45°	52	43
55°	21	19
65°	11	11
75°	6	6
85°	2	2
90°	0	

TEST NUMBER: P1255745

CATALOG NUMBER: P3A24R309035D010 E3DLP1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	1005.1
1°	1004.1
2°	1000.1
3°	993.1
4°	983.1
5°	970.1
6°	954.1
7°	937.1
8°	915.1
9°	890.1
10°	864.1
11°	834.1
12°	802.1
13°	770.1
14°	735.1
15°	701.1
17.5°	612.1
20°	528.1
22.5°	450.1
25°	382.1
27.5°	320.0
30°	265.0
32.5°	214.0
35°	167.0
37.5°	128.0
40°	96.0
42.5°	70.0
45°	52.0
47.5°	39.0
50°	29.0
52.5°	23.0
55°	21.0
57.5°	18.0
60°	16.0
62.5°	13.0
65°	11.0
67.5°	10.0
70°	8.0
72.5°	7.0
75°	6.0
77.5°	5.0
80°	3.0
82.5°	2.0
85°	2.0
87.5°	1.0



TEST NUMBER: P1255745

CATALOG NUMBER: P3A24R309035D010 E3DLP1GPH

CANDELA DISTRIBUTION (continued):



(END OF REPORT)