

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: P1255824

Luminaire Tested: P3A24R459035D010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255824
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-26)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A24R459035D010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R45 optic, 3500K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

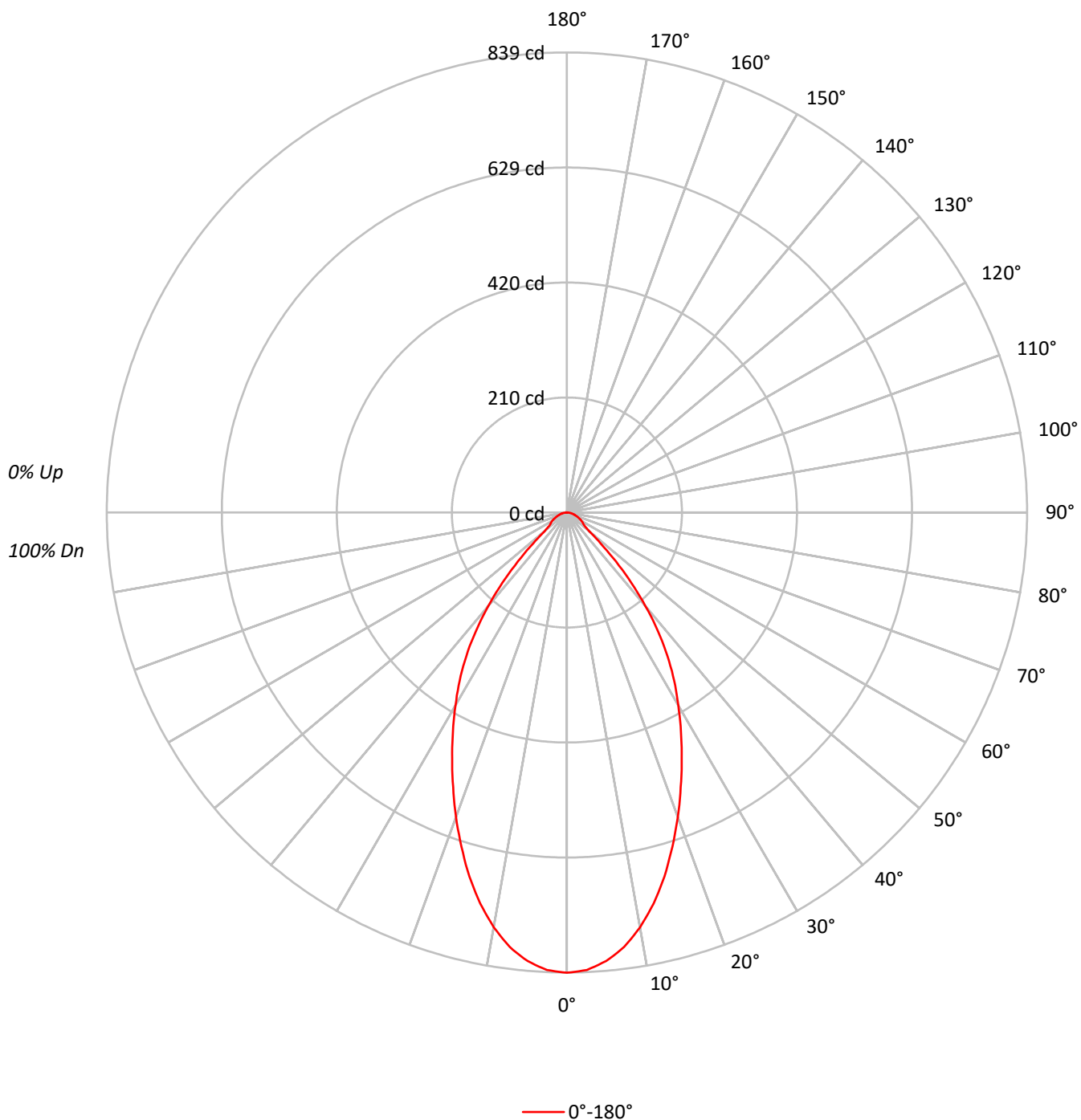
Lumens per Lamp: N/A
Luminaire Lumens: 868.0 lumens
Efficiency: N/A
Efficacy: 30.1 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1255824

CATALOG NUMBER: P3A24R459035D010 E3DLD1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1255824

CATALOG NUMBER: P3A24R459035D010 E3DLD1GPH

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	112	109	106	104	110	107	104	102	103	101	99		99	97	96		96
2	106	100	95	91	103	98	94	90	95	91	88		92	89	86		89
3	99	92	86	82	97	90	85	81	88	83	80		85	81	78		83
4	94	85	78	74	92	84	78	73	81	76	72		79	75	71		77
5	88	79	72	67	86	78	71	67	76	70	66		74	69	65		72
6	83	73	66	61	81	72	66	61	71	65	61		69	64	60		68
7	78	68	61	57	77	67	61	56	66	60	56		65	60	56		64
8	74	64	57	52	73	63	57	52	62	56	52		61	56	52		60
9	70	60	53	49	69	59	53	49	58	52	48		57	52	48		56
10	67	56	50	45	66	56	49	45	55	49	45		54	49	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	184042
5°	180783
10°	171050
15°	156005
20°	137959
25°	119813
30°	102826
35°	85688
40°	63863
45°	39074
50°	18080
55°	14145
60°	13595
65°	12453
70°	11540
75°	11014
80°	10102
85°	7548

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 39074 cd/sqm

TEST NUMBER: P1255824

CATALOG NUMBER: P3A24R459035D010 E3DLD1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	76.7	8.8
10°-20°	191.3	22.0
20°-30°	227.3	26.2
30°-40°	197.5	22.8
40°-50°	99.1	11.4
50°-60°	34.4	4.0
60°-70°	24.1	2.8
70°-80°	13.4	1.5
80°-90°	4.1	0.5
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°	495.4	57.1
0°-40°	692.9	79.8
0°-60°	826.3	95.2
0°-90°	868.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	868.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	839	
5°	821	77
15°	687	191
25°	495	227
35°	320	198
45°	126	99
55°	37	34
65°	24	24
75°	13	13
85°	3	4
90°	0	

TEST NUMBER: P1255824

CATALOG NUMBER: P3A24R459035D010 E3DLD1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	839.3
2.5°	835.3
5°	821.3
7.5°	799.3
10°	768.2
12.5°	730.2
15°	687.2
17.5°	639.2
20°	591.2
22.5°	542.2
25°	495.2
27.5°	450.1
30°	406.1
32.5°	364.1
35°	320.1
37.5°	273.1
40°	223.1
42.5°	174.1
45°	126.0
47.5°	83.0
50°	53.0
52.5°	41.0
55°	37.0
57.5°	34.0
60°	31.0
62.5°	28.0
65°	24.0
67.5°	21.0
70°	18.0
72.5°	15.0
75°	13.0
77.5°	10.0
80°	8.0
82.5°	6.0
85°	3.0
87.5°	2.0
90°	0.0

(END OF REPORT)