

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: P1261130

Luminaire Tested: P3AS24R459050D010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261130
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: P3AS24R459050D010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R45 optic, 5000K CCT AND, 90CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

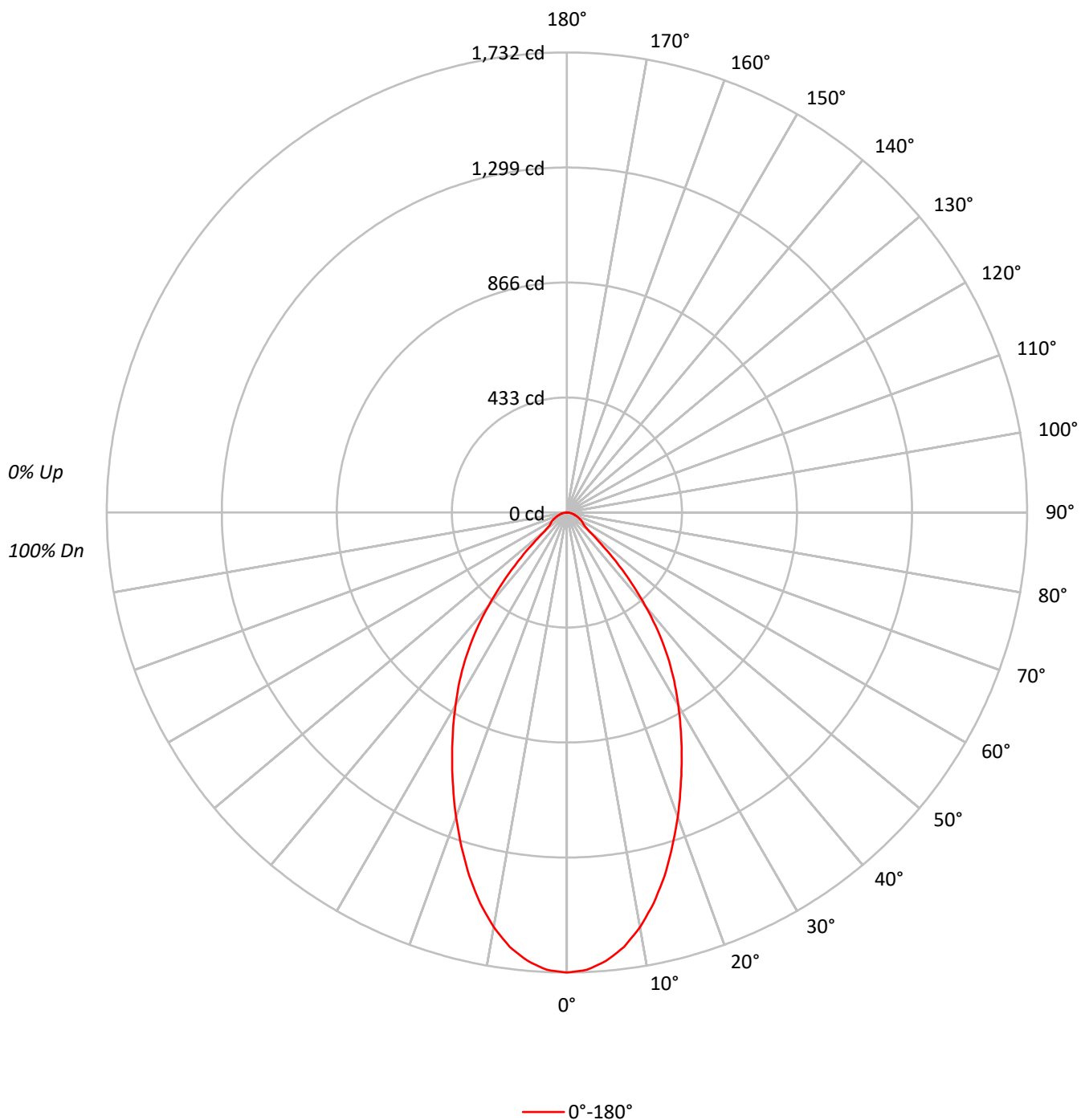
Lumens per Lamp: N/A
Luminaire Lumens: 1791.0 lumens
Efficiency: N/A
Efficacy: 62.2 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1261130

CATALOG NUMBER: P3AS24R459050D010 E3DLD1LI

Luminous Intensity Polar Plot



TEST NUMBER: P1261130

CATALOG NUMBER: P3AS24R459050D010 E3DLD1LI

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°	379728
5°	373012
10°	352966
15°	321909
20°	284645
25°	247200
30°	212185
35°	176811
40°	131761
45°	80660
50°	37321
55°	29208
60°	28068
65°	25684
70°	23850
75°	22706
80°	20836
85°	15599

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 80660 cd/sqm

TEST NUMBER: P1261130

CATALOG NUMBER: P3AS24R459050D010 E3DLD1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	158.3	8.8
10°-20°	394.8	22.0
20°-30°	469.1	26.2
30°-40°	407.6	22.8
40°-50°	204.4	11.4
50°-60°	71.0	4.0
60°-70°	49.8	2.8
70°-80°	27.8	1.5
80°-90°	8.4	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°	1022.2	57.1
0°-40°	1429.7	79.8
0°-60°	1705.1	95.2
0°-90°	1791.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1791.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1732	
5°	1695	158
15°	1418	395
25°	1022	469
35°	660	408
45°	260	204
55°	76	71
65°	50	50
75°	27	28
85°	6	8
90°	0	

TEST NUMBER: P1261130

CATALOG NUMBER: P3AS24R459050D010 E3DLD1LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	1731.7
2.5°	1723.5
5°	1694.6
7.5°	1649.2
10°	1585.2
12.5°	1506.7
15°	1418.0
17.5°	1318.9
20°	1219.8
22.5°	1118.7
25°	1021.7
27.5°	928.8
30°	838.0
32.5°	751.3
35°	660.5
37.5°	563.5
40°	460.3
42.5°	359.1
45°	260.1
47.5°	171.3
50°	109.4
52.5°	84.6
55°	76.4
57.5°	70.2
60°	64.0
62.5°	57.8
65°	49.5
67.5°	43.3
70°	37.2
72.5°	31.0
75°	26.8
77.5°	20.6
80°	16.5
82.5°	12.4
85°	6.2
87.5°	4.1
90°	0.0

(END OF REPORT)