

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: P1261985

Luminaire Tested: P3AS05R459727DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261985
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: P3AS05R459727DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R45 optic, 2700K CCT AND, 97CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

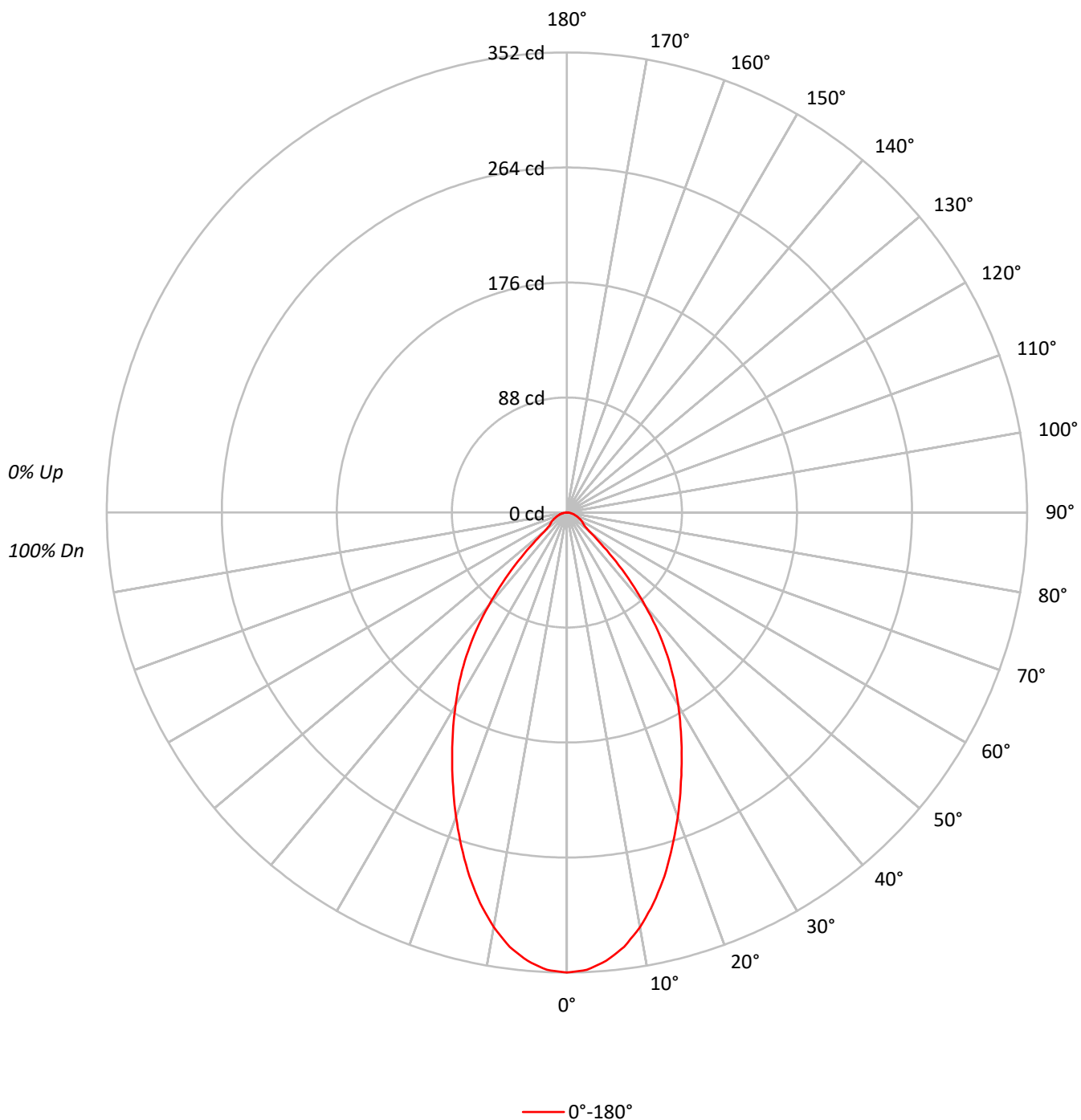
Lumens per Lamp: N/A
Luminaire Lumens: 364.0 lumens
Efficiency: N/A
Efficacy: 50.6 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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: P1261985

CATALOG NUMBER: P3AS05R459727DE010 E3DLD1LI

Luminous Intensity Polar Plot



TEST NUMBER: P1261985

CATALOG NUMBER: P3AS05R459727DE010 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°	77187
5°	75809
10°	71742
15°	65426
20°	57848
25°	50229
30°	43121
35°	35924
40°	26764
45°	16405
50°	7573
55°	5926
60°	5701
65°	5241
70°	4873
75°	4660
80°	4293
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16405 cd/sqm

TEST NUMBER: P1261985

CATALOG NUMBER: P3AS05R459727DE010 E3DLD1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.2	8.8
10°-20°	80.2	22.0
20°-30°	95.3	26.2
30°-40°	82.8	22.8
40°-50°	41.5	11.4
50°-60°	14.4	4.0
60°-70°	10.1	2.8
70°-80°	5.7	1.6
80°-90°	1.7	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°	207.7	57.1
0°-40°	290.6	79.8
0°-60°	346.5	95.2
0°-90°	364.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	364.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	352	
5°	344	32
15°	288	80
25°	208	95
35°	134	83
45°	53	42
55°	16	14
65°	10	10
75°	6	6
85°	1	2
90°	0	

TEST NUMBER: P1261985

CATALOG NUMBER: P3AS05R459727DE010 E3DLD1LI

CANDELA DISTRIBUTION (FULL):

	0°
0°	352.0
2.5°	350.3
5°	344.4
7.5°	335.2
10°	322.2
12.5°	306.2
15°	288.2
17.5°	268.1
20°	247.9
22.5°	227.4
25°	207.6
27.5°	188.8
30°	170.3
32.5°	152.7
35°	134.2
37.5°	114.5
40°	93.5
42.5°	73.0
45°	52.9
47.5°	34.8
50°	22.2
52.5°	17.2
55°	15.5
57.5°	14.3
60°	13.0
62.5°	11.7
65°	10.1
67.5°	8.8
70°	7.6
72.5°	6.3
75°	5.5
77.5°	4.2
80°	3.4
82.5°	2.5
85°	1.3
87.5°	0.8
90°	0.0

(END OF REPORT)