

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: P1264366

Luminaire Tested: P3A05R459730DE010 E3DLD1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264366
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: P3A05R459730DE010 E3DLD1WH
Description: 3in Adjustable LED luminaire with, R45 optic, 3000K CCT AND, 97CRI , E3DLD1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

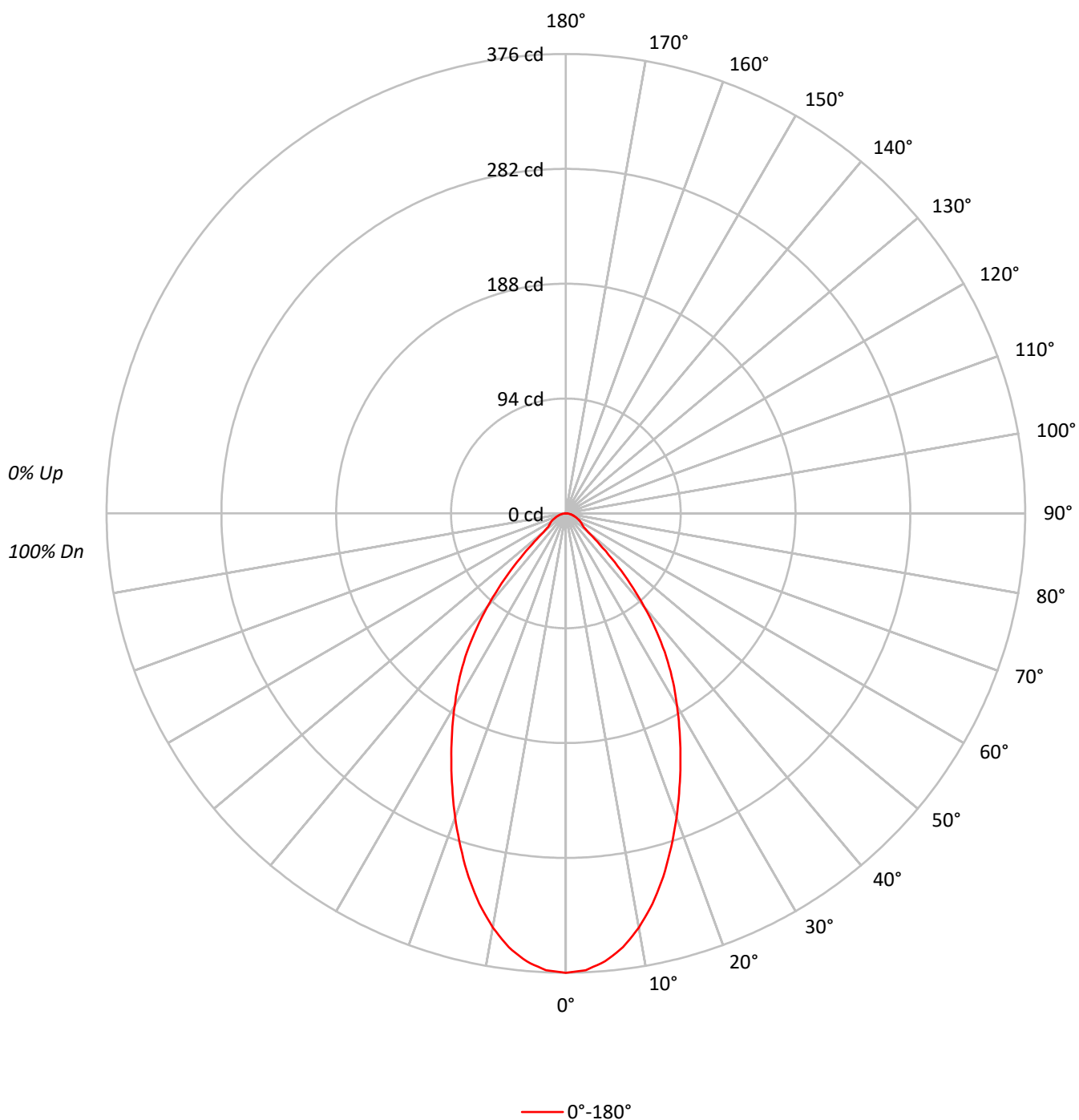
Lumens per Lamp: N/A
Luminaire Lumens: 389.0 lumens
Efficiency: N/A
Efficacy: 54.0 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1264366

CATALOG NUMBER: P3A05R459730DE010 E3DLD1WH

Luminous Intensity Polar Plot



TEST NUMBER: P1264366

CATALOG NUMBER: P3A05R459730DE010 E3DLD1WH

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°	82471
5°	81026
10°	76663
15°	69921
20°	61815
25°	53689
30°	46083
35°	38414
40°	28625
45°	17521
50°	8119
55°	6346
60°	6096
65°	5604
70°	5193
75°	4914
80°	4546
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17521 cd/sqm

TEST NUMBER: P1264366

CATALOG NUMBER: P3A05R459730DE010 E3DLD1WH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	34.4	8.8
10°-20°	85.8	22.0
20°-30°	101.9	26.2
30°-40°	88.5	22.8
40°-50°	44.4	11.4
50°-60°	15.4	4.0
60°-70°	10.8	2.8
70°-80°	6.0	1.5
80°-90°	1.8	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°	222.0	57.1
0°-40°	310.5	79.8
0°-60°	370.4	95.2
0°-90°	389.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	389.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	376	
5°	368	34
15°	308	86
25°	222	102
35°	144	89
45°	56	44
55°	17	15
65°	11	11
75°	6	6
85°	1	2
90°	0	

TEST NUMBER: P1264366

CATALOG NUMBER: P3A05R459730DE010 E3DLD1WH

CANDELA DISTRIBUTION (FULL):

0°	
0°	376.1
2.5°	374.3
5°	368.1
7.5°	358.2
10°	344.3
12.5°	327.3
15°	308.0
17.5°	286.5
20°	264.9
22.5°	243.0
25°	221.9
27.5°	201.7
30°	182.0
32.5°	163.2
35°	143.5
37.5°	122.4
40°	100.0
42.5°	78.0
45°	56.5
47.5°	37.2
50°	23.8
52.5°	18.4
55°	16.6
57.5°	15.2
60°	13.9
62.5°	12.6
65°	10.8
67.5°	9.4
70°	8.1
72.5°	6.7
75°	5.8
77.5°	4.5
80°	3.6
82.5°	2.7
85°	1.3
87.5°	0.9
90°	0.0

(END OF REPORT)