

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: P1266744

Luminaire Tested: P3A05R459735DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1266744
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: P3A05R459735DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R45 optic, 3500K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

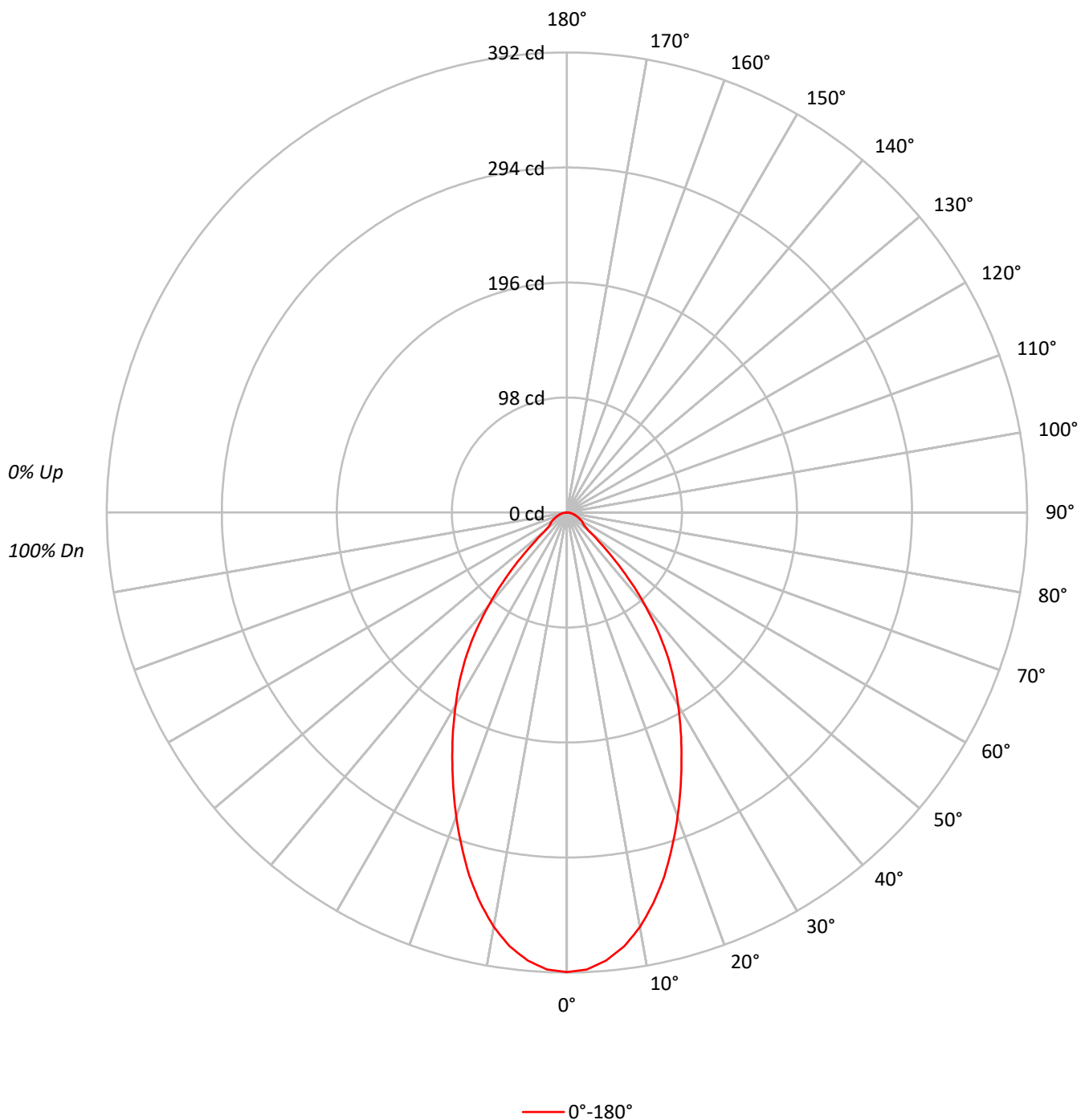
Lumens per Lamp: N/A
Luminaire Lumens: 405.0 lumens
Efficiency: N/A
Efficacy: 56.2 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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: P1266744

CATALOG NUMBER: P3A05R459735DE010 E3DLD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1266744

CATALOG NUMBER: P3A05R459735DE010 E3DLD1MW

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°	85870
5°	84349
10°	79825
15°	72804
20°	64359
25°	55890
30°	47982
35°	39993
40°	29799
45°	18234
50°	8426
55°	6614
60°	6359
65°	5811
70°	5386
75°	5168
80°	4672
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 18234 cd/sqm

TEST NUMBER: P1266744

CATALOG NUMBER: P3A05R459735DE010 E3DLD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	35.8	8.8
10°-20°	89.3	22.0
20°-30°	106.1	26.2
30°-40°	92.2	22.8
40°-50°	46.2	11.4
50°-60°	16.1	4.0
60°-70°	11.3	2.8
70°-80°	6.3	1.6
80°-90°	1.9	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°	231.1	57.1
0°-40°	323.3	79.8
0°-60°	385.6	95.2
0°-90°	405.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	405.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	392	
5°	383	36
15°	321	89
25°	231	106
35°	149	92
45°	59	46
55°	17	16
65°	11	11
75°	6	6
85°	1	2
90°	0	

TEST NUMBER: P1266744

CATALOG NUMBER: P3A05R459735DE010 E3DLD1MW

CANDELA DISTRIBUTION (FULL):

	0°
0°	391.6
2.5°	389.7
5°	383.2
7.5°	372.9
10°	358.5
12.5°	340.7
15°	320.7
17.5°	298.2
20°	275.8
22.5°	253.0
25°	231.0
27.5°	210.0
30°	189.5
32.5°	169.9
35°	149.4
37.5°	127.4
40°	104.1
42.5°	81.2
45°	58.8
47.5°	38.7
50°	24.7
52.5°	19.1
55°	17.3
57.5°	15.9
60°	14.5
62.5°	13.1
65°	11.2
67.5°	9.8
70°	8.4
72.5°	7.0
75°	6.1
77.5°	4.7
80°	3.7
82.5°	2.8
85°	1.4
87.5°	0.9
90°	0.0

(END OF REPORT)