

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: P1264273

Luminaire Tested: P3A05R309730DE010 E3DL1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264273
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R309730DE010 E3DL1LI
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 97CRI , E3DL1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

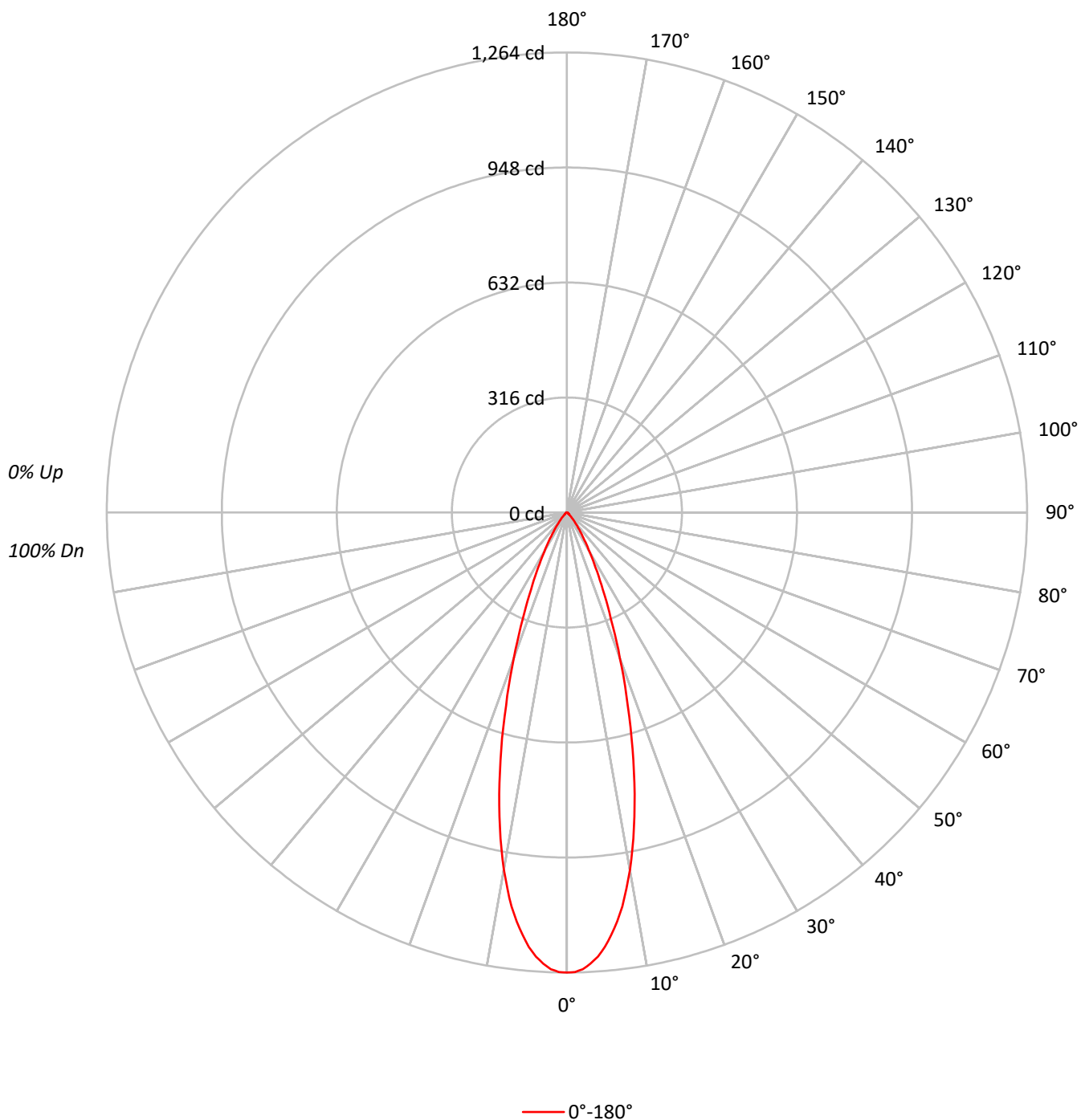
Lumens per Lamp: N/A
Luminaire Lumens: 474.9 lumens
Efficiency: N/A
Efficacy: 66.0 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1264273

CATALOG NUMBER: P3A05R309730DE010 E3DL1LI

Luminous Intensity Polar Plot



TEST NUMBER: P1264273

CATALOG NUMBER: P3A05R309730DE010 E3DL1LI

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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	99
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	94	93
2	110	105	102	99	108	104	101	98	101	98	96	98	96	94	95	93	92	90	89	88
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	86	85	84
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	82	81	80
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	78	77	76
6	94	86	81	78	92	85	81	77	84	80	77	83	79	76	81	78	76	75	74	73
7	90	82	77	74	89	82	77	74	81	76	73	80	76	73	79	75	73	71	70	69
8	87	79	74	71	86	79	74	71	78	73	70	77	73	70	76	72	70	69	68	67
9	84	76	71	68	83	75	71	68	75	70	67	74	70	67	73	70	67	66	65	64
10	81	73	68	65	80	73	68	65	72	68	65	71	67	65	71	67	65	63	62	61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	277171
5°	263812
10°	221906
15°	160024
20°	99269
25°	56447
30°	31347
35°	17052
40°	8988
45°	4869
50°	2593
55°	1720
60°	1579
65°	1608
70°	1410
75°	1101
80°	1137
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 4869 cd/sqm

TEST NUMBER: P1264273

CATALOG NUMBER: P3A05R309730DE010 E3DL1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	107.9	22.7
10°-20°	191.8	40.4
20°-30°	110.9	23.3
30°-40°	42.1	8.9
40°-50°	12.9	2.7
50°-60°	4.3	0.9
60°-70°	2.9	0.6
70°-80°	1.6	0.3
80°-90°	0.5	0.1
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°	410.6	86.5
0°-40°	452.7	95.3
0°-60°	470.0	99.0
0°-90°	474.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	474.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1264	
5°	1198	108
15°	705	192
25°	233	111
35°	64	42
45°	16	13
55°	4	4
65°	3	3
75°	1	2
85°	0	0
90°	0	

TEST NUMBER: P1264273

CATALOG NUMBER: P3A05R309730DE010 E3DL1LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	1264.0
1°	1263.1
2°	1255.5
3°	1241.1
4°	1223.2
5°	1198.5
6°	1167.1
7°	1132.1
8°	1093.1
9°	1046.4
10°	996.6
11°	942.7
12°	885.8
13°	826.1
14°	765.5
15°	704.9
17.5°	556.0
20°	425.4
22.5°	315.4
25°	233.3
27.5°	169.6
30°	123.8
32.5°	89.3
35°	63.7
37.5°	44.4
40°	31.4
42.5°	22.0
45°	15.7
47.5°	10.8
50°	7.6
52.5°	5.4
55°	4.5
57.5°	4.0
60°	3.6
62.5°	3.1
65°	3.1
67.5°	2.7
70°	2.2
72.5°	1.8
75°	1.3
77.5°	1.3
80°	0.9
82.5°	0.9
85°	0.4
87.5°	0.0



TEST NUMBER: P1264273

CATALOG NUMBER: P3A05R309730DE010 E3DL1LI

CANDELA DISTRIBUTION (continued):



(END OF REPORT)