

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: P1264333

Luminaire Tested: P3A05R409730DE010 E3DL1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264333
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R409730DE010 E3DL1LI
Description: 3in Adjustable LED luminaire with, R40 optic, 3000K CCT AND, 97CRI , E3DL1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

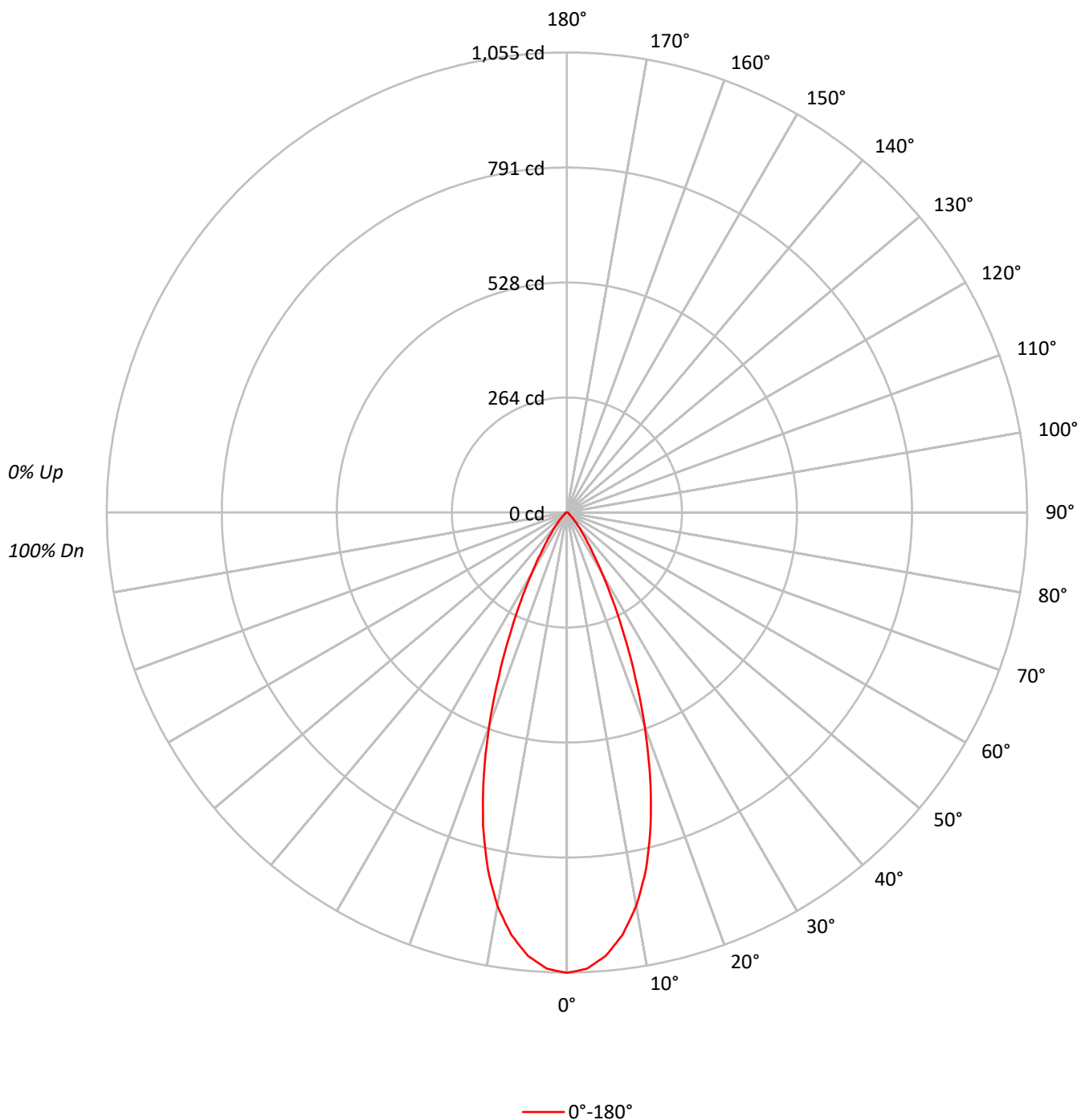
Lumens per Lamp: N/A
Luminaire Lumens: 522.9 lumens
Efficiency: N/A
Efficacy: 72.6 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1264333

CATALOG NUMBER: P3A05R409730DE010 E3DL1LI

Luminous Intensity Polar Plot



TEST NUMBER: P1264333

CATALOG NUMBER: P3A05R409730DE010 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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	114	111	109	107	112	109	107	105	105	104	102		102	100	99		98
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94
3	104	99	94	91	102	97	93	90	95	91	88		92	89	87		90
4	100	93	88	85	98	92	88	84	90	86	83		88	85	82		86
5	96	88	83	79	94	88	83	79	86	82	78		84	81	78		83
6	92	84	79	75	91	83	78	75	82	78	74		81	77	74		79
7	88	80	75	71	87	79	74	71	78	74	71		77	73	70		76
8	85	76	71	68	84	76	71	67	75	70	67		74	70	67		73
9	82	73	68	64	81	73	68	64	72	67	64		71	67	64		70
10	78	70	65	62	78	70	65	62	69	64	61		68	64	61		67

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	231429
5°	224697
10°	203915
15°	168446
20°	121507
25°	75150
30°	40690
35°	21041
40°	11450
45°	6388
50°	3207
55°	2409
60°	2149
65°	2075
70°	1988
75°	1864
80°	1642
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 6388 cd/sqm

TEST NUMBER: P1264333

CATALOG NUMBER: P3A05R409730DE010 E3DL1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	94.1	18.0
10°-20°	202.1	38.6
20°-30°	144.2	27.6
30°-40°	53.1	10.2
40°-50°	16.7	3.2
50°-60°	5.8	1.1
60°-70°	4.0	0.8
70°-80°	2.3	0.4
80°-90°	0.6	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°	440.3	84.2
0°-40°	493.4	94.4
0°-60°	515.9	98.7
0°-90°	522.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	522.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1055	
5°	1021	94
15°	742	202
25°	311	144
35°	79	53
45°	21	17
55°	6	6
65°	4	4
75°	2	2
85°	0	1
90°	0	

TEST NUMBER: P1264333

CATALOG NUMBER: P3A05R409730DE010 E3DL1LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	1055.4
2.5°	1047.3
5°	1020.8
7.5°	976.8
10°	915.8
12.5°	838.1
15°	742.0
17.5°	634.3
20°	520.7
22.5°	409.0
25°	310.6
27.5°	228.0
30°	160.7
32.5°	112.7
35°	78.6
37.5°	55.7
40°	40.0
42.5°	28.7
45°	20.6
47.5°	13.9
50°	9.4
52.5°	6.7
55°	6.3
57.5°	5.8
60°	4.9
62.5°	4.5
65°	4.0
67.5°	3.6
70°	3.1
72.5°	2.7
75°	2.2
77.5°	1.8
80°	1.3
82.5°	0.9
85°	0.4
87.5°	0.4
90°	0.0

(END OF REPORT)