

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: P1266302

Luminaire Tested: P3A02R409735DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1266302
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: P3A02R409735DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R40 optic, 3500K CCT AND, 97CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

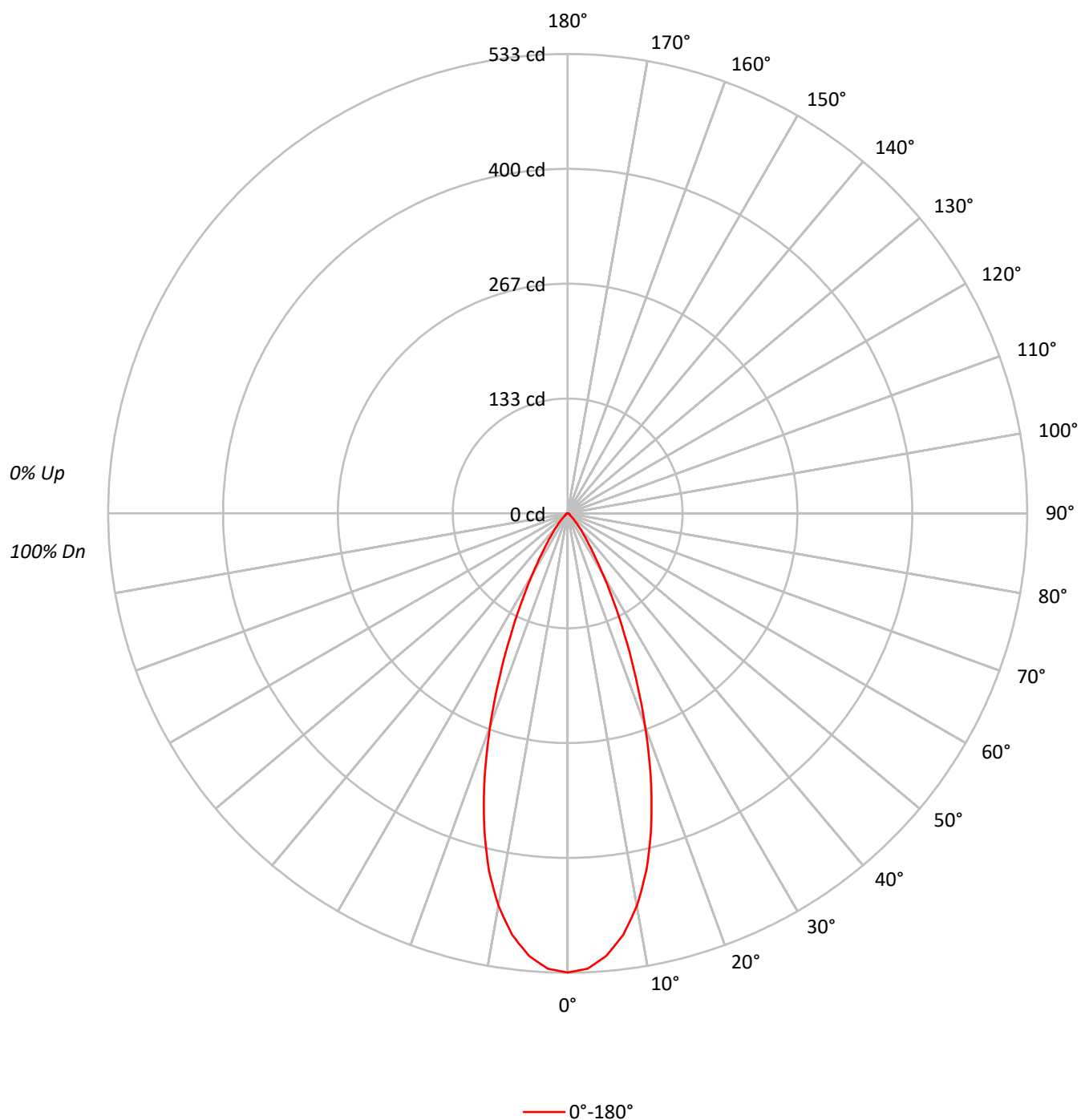
Lumens per Lamp: N/A
Luminaire Lumens: 264.0 lumens
Efficiency: N/A
Efficacy: 73.3 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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: P1266302

CATALOG NUMBER: P3A02R409735DE010 E3DL1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1266302

CATALOG NUMBER: P3A02R409735DE010 E3DL1MW

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	61	69	64	61		68	64	61		67

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	116811
5°	113427
10°	102937
15°	85040
20°	61349
25°	37938
30°	20535
35°	10627
40°	5782
45°	3225
50°	1637
55°	1223
60°	1096
65°	1038
70°	1026
75°	932
80°	884
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 3225 cd/sqm

TEST NUMBER: P1266302

CATALOG NUMBER: P3A02R409735DE010 E3DL1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	47.5	18.0
10°-20°	102.0	38.6
20°-30°	72.8	27.6
30°-40°	26.8	10.2
40°-50°	8.4	3.2
50°-60°	2.9	1.1
60°-70°	2.0	0.8
70°-80°	1.2	0.5
80°-90°	0.3	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°	222.3	84.2
0°-40°	249.1	94.3
0°-60°	260.5	98.7
0°-90°	264.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	264.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	533	
5°	515	48
15°	375	102
25°	157	73
35°	40	27
45°	10	8
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1266302

CATALOG NUMBER: P3A02R409735DE010 E3DL1MW

CANDELA DISTRIBUTION (FULL):

	0°
0°	532.7
2.5°	528.7
5°	515.3
7.5°	493.1
10°	462.3
12.5°	423.1
15°	374.6
17.5°	320.2
20°	262.9
22.5°	206.4
25°	156.8
27.5°	115.1
30°	81.1
32.5°	56.9
35°	39.7
37.5°	28.1
40°	20.2
42.5°	14.5
45°	10.4
47.5°	7.0
50°	4.8
52.5°	3.4
55°	3.2
57.5°	2.9
60°	2.5
62.5°	2.3
65°	2.0
67.5°	1.8
70°	1.6
72.5°	1.4
75°	1.1
77.5°	0.9
80°	0.7
82.5°	0.5
85°	0.2
87.5°	0.2
90°	0.0

(END OF REPORT)