

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: P1252399

Luminaire Tested: P3AS17R409030DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252399
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: P3AS17R409030DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R40 optic, 3000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

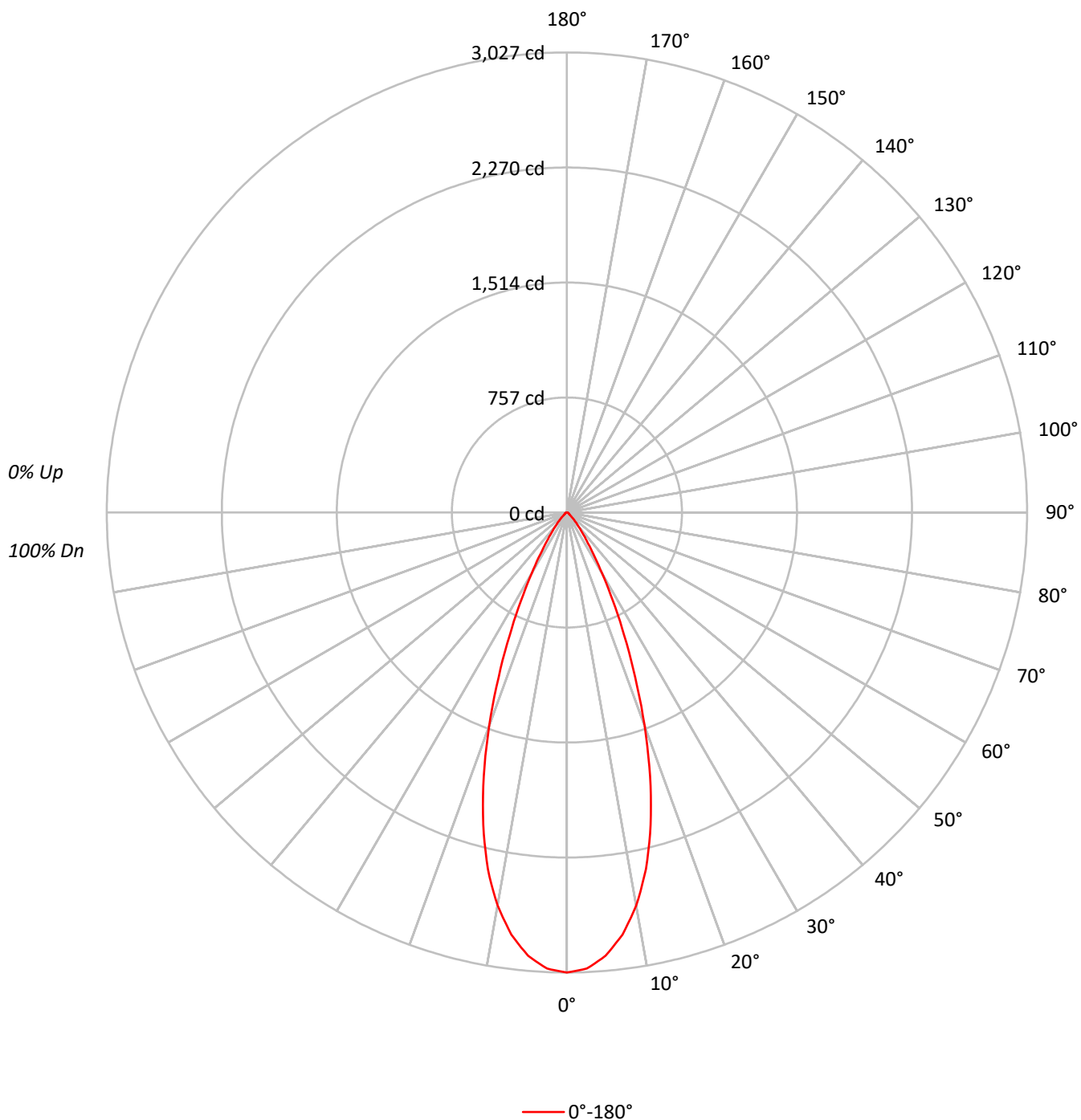
Lumens per Lamp: N/A
Luminaire Lumens: 1500.0 lumens
Efficiency: N/A
Efficacy: 70.8 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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

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Luminous Intensity Polar Plot



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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°	663741
5°	644462
10°	584826
15°	483136
20°	348514
25°	215553
30°	116702
35°	60311
40°	32804
45°	18358
50°	9211
55°	6881
60°	6228
65°	6019
70°	5770
75°	5422
80°	4925
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 18358 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	269.9	18.0
10°-20°	579.5	38.6
20°-30°	413.6	27.6
30°-40°	152.2	10.1
40°-50°	47.9	3.2
50°-60°	16.6	1.1
60°-70°	11.5	0.8
70°-80°	6.8	0.5
80°-90°	1.9	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°	1262.9	84.2
0°-40°	1415.2	94.3
0°-60°	1479.8	98.7
0°-90°	1500.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1500.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3027	
5°	2928	270
15°	2128	580
25°	891	414
35°	225	152
45°	59	48
55°	18	17
65°	12	11
75°	6	7
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	3026.9
2.5°	3003.7
5°	2927.8
7.5°	2801.6
10°	2626.5
12.5°	2403.7
15°	2128.2
17.5°	1819.2
20°	1493.5
22.5°	1172.9
25°	890.9
27.5°	654.0
30°	460.9
32.5°	323.2
35°	225.3
37.5°	159.6
40°	114.6
42.5°	82.4
45°	59.2
47.5°	39.9
50°	27.0
52.5°	19.3
55°	18.0
57.5°	16.7
60°	14.2
62.5°	12.9
65°	11.6
67.5°	10.3
70°	9.0
72.5°	7.7
75°	6.4
77.5°	5.1
80°	3.9
82.5°	2.6
85°	1.3
87.5°	1.3
90°	0.0

(END OF REPORT)