

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: P1287703

Luminaire Tested: P3AS17R709030D2WDE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287703
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-47)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R709030D2WDE010 E3DL1GPH
Description: 3in Adjustable Dim to Warm LED luminaire with, R70 optic, 3000K CCT AND, 90CRI ,
E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

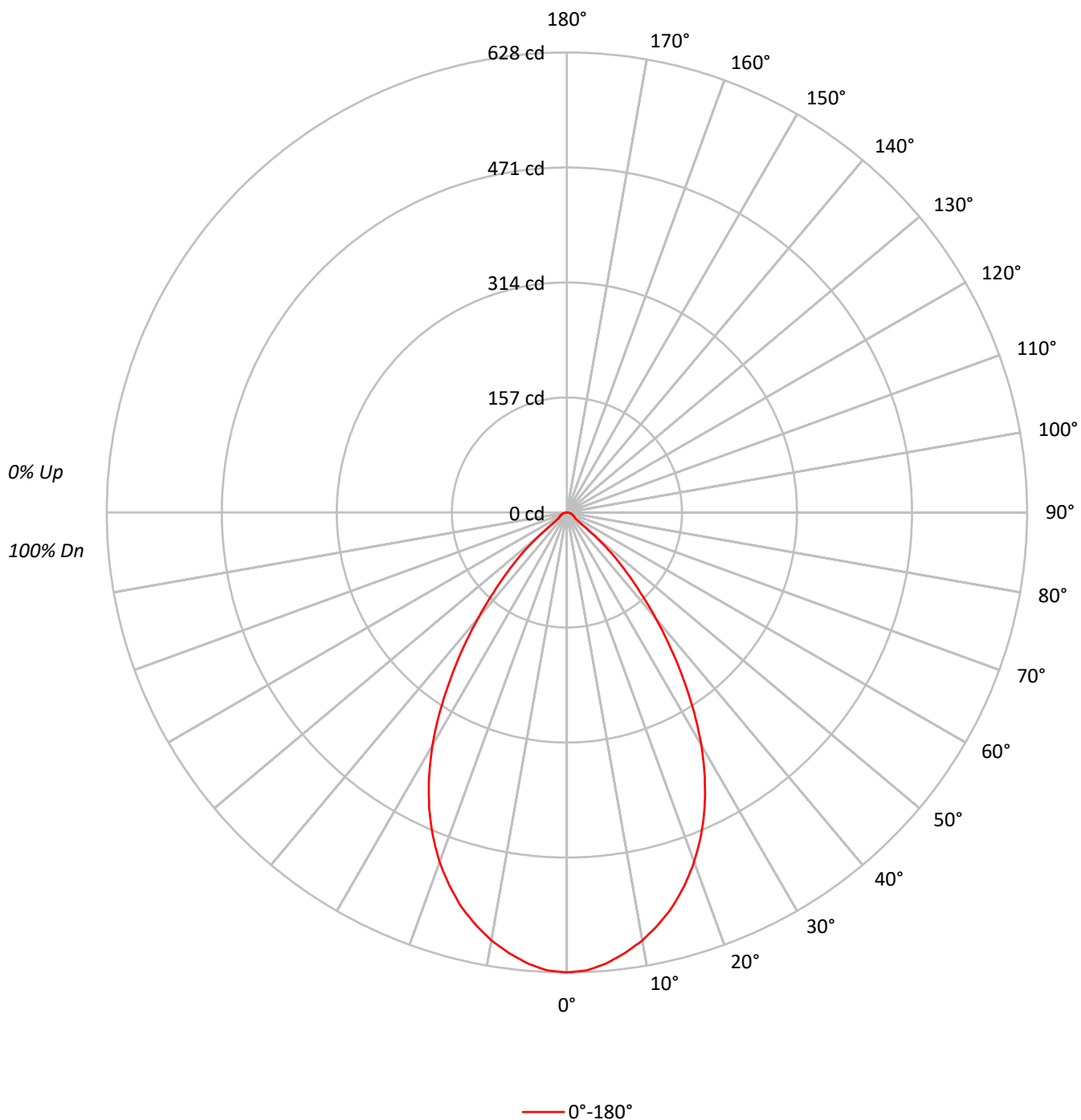
Lumens per Lamp: N/A
Luminaire Lumens: 711.0 lumens
Efficiency: N/A
Efficacy: 26.0 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.3
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					30					10					0
RW	70	50	30	10		70	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
1	113	110	107	104		110	107	105	103		103	101	100		100	98	97		96	95	94
2	106	101	96	93		104	99	95	92		96	93	90		93	90	88		90	88	86
3	100	93	88	83		98	92	87	82		89	85	81		86	83	80		84	81	79
4	94	86	80	75		93	85	79	75		83	78	74		81	76	73		79	75	72
5	89	80	73	69		87	79	73	68		77	72	68		75	71	67		74	70	66
6	84	74	68	63		82	73	67	63		72	66	62		70	65	62		69	65	61
7	79	69	62	58		78	68	62	58		67	61	57		66	61	57		65	60	57
8	75	65	58	53		74	64	58	53		63	57	53		62	57	53		61	56	53
9	71	60	54	50		70	60	54	50		59	53	49		58	53	49		57	52	49
10	67	57	50	46		66	56	50	46		55	50	46		55	49	46		54	49	46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	137642
5°	135989
10°	132062
15°	126471
20°	118474
25°	107619
30°	92976
35°	74097
40°	53958
45°	35477
50°	16614
55°	5123
60°	4956
65°	4774
70°	4552
75°	4745
80°	4420
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 35477 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	58.2	8.2
10°-20°	155.9	21.9
20°-30°	202.6	28.5
30°-40°	172.0	24.2
40°-50°	88.7	12.5
50°-60°	17.1	2.4
60°-70°	9.3	1.3
70°-80°	5.7	0.8
80°-90°	1.6	0.2
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°	416.7	58.6
0°-40°	588.7	82.8
0°-60°	694.4	97.7
0°-90°	711.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	711.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	628	
5°	618	58
15°	557	156
25°	445	203
35°	277	172
45°	114	89
55°	13	17
65°	9	9
75°	6	6
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	627.7
2.5°	625.6
5°	617.8
7.5°	606.5
10°	593.1
12.5°	576.2
15°	557.1
17.5°	533.8
20°	507.7
22.5°	478.0
25°	444.8
27.5°	407.4
30°	367.2
32.5°	322.7
35°	276.8
37.5°	231.6
40°	188.5
42.5°	148.3
45°	114.4
47.5°	84.0
50°	48.7
52.5°	21.2
55°	13.4
57.5°	12.7
60°	11.3
62.5°	10.6
65°	9.2
67.5°	8.5
70°	7.1
72.5°	6.4
75°	5.6
77.5°	4.2
80°	3.5
82.5°	2.1
85°	1.4
87.5°	0.7
90°	0.0

(END OF REPORT)