

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: P1287402

Luminaire Tested: P3AS17R159030D2WDE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287402
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R159030D2WDE010 E3PHLD1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R15 optic, 3000K CCT AND, 90CRI ,
E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

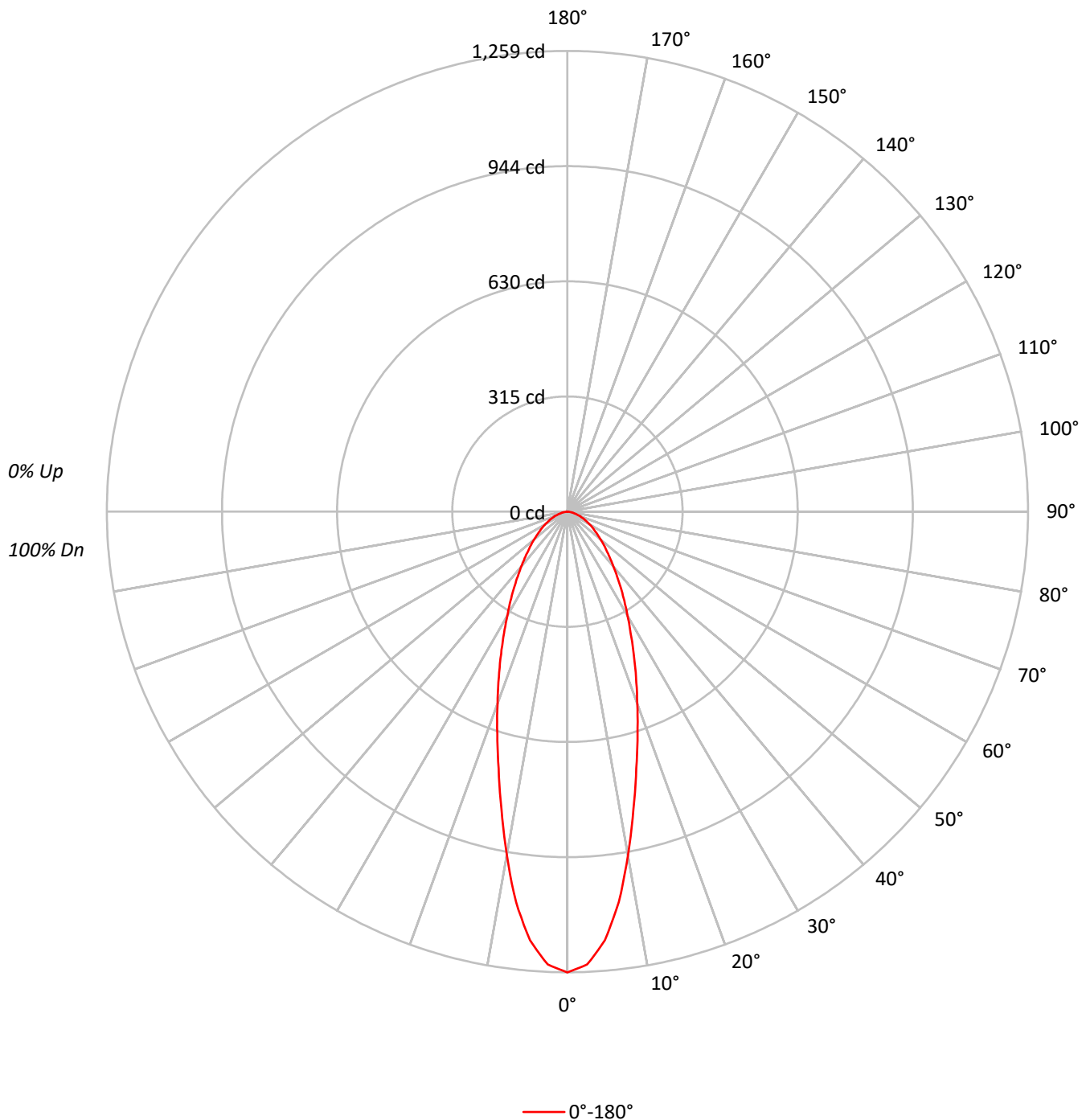
Lumens per Lamp: N/A
Luminaire Lumens: 949.1 lumens
Efficiency: N/A
Efficacy: 34.8 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.66
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	112	108	105	102		109	106	103	101		102	100	97		98	96	95		95	93	92
2	104	98	93	89		102	97	92	88		93	89	86		90	87	84		87	85	82
3	98	90	84	79		96	88	83	78		85	81	77		83	79	75		81	77	74
4	92	82	76	70		90	81	75	70		79	73	69		77	72	68		75	71	67
5	86	76	69	64		84	75	68	63		73	67	63		71	66	62		70	65	62
6	81	71	63	58		79	70	63	58		68	62	58		67	61	57		65	60	57
7	77	66	59	54		75	65	58	54		64	58	53		62	57	53		61	56	53
8	72	61	55	50		71	61	54	50		60	54	49		59	53	49		58	53	49
9	69	58	51	47		68	57	51	46		56	50	46		55	50	46		54	49	46
10	65	54	48	44		64	54	48	44		53	47	43		52	47	43		52	47	43

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	276162
5°	258881
10°	212287
15°	164927
20°	130188
25°	103748
30°	83279
35°	67994
40°	56019
45°	47137
50°	40493
55°	35019
60°	31050
65°	26981
70°	24043
75°	19402
80°	15785
85°	10567

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 47137 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	105.0	11.1
10°-20°	203.5	21.4
20°-30°	197.8	20.8
30°-40°	159.9	16.8
40°-50°	118.7	12.5
50°-60°	83.0	8.7
60°-70°	52.0	5.5
70°-80°	24.7	2.6
80°-90°	4.5	0.5
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°	506.3	53.4
0°-40°	666.2	70.2
0°-60°	867.9	91.4
0°-90°	949.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	949.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1259	
5°	1176	105
15°	726	204
25°	429	198
35°	254	160
45°	152	119
55°	92	83
65°	52	52
75°	23	25
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1259.4
2.5°	1238.6
5°	1176.1
7.5°	1076.2
10°	953.4
12.5°	832.7
15°	726.5
17.5°	637.0
20°	557.9
22.5°	489.2
25°	428.8
27.5°	374.7
30°	328.9
32.5°	289.4
35°	254.0
37.5°	222.7
40°	195.7
42.5°	172.8
45°	152.0
47.5°	135.3
50°	118.7
52.5°	104.1
55°	91.6
57.5°	81.2
60°	70.8
62.5°	60.4
65°	52.0
67.5°	43.7
70°	37.5
72.5°	29.1
75°	22.9
77.5°	16.7
80°	12.5
82.5°	6.2
85°	4.2
87.5°	0.0
90°	0.0

(END OF REPORT)