

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: P1267771

Luminaire Tested: P3A17R259735DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1267771
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R259735DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

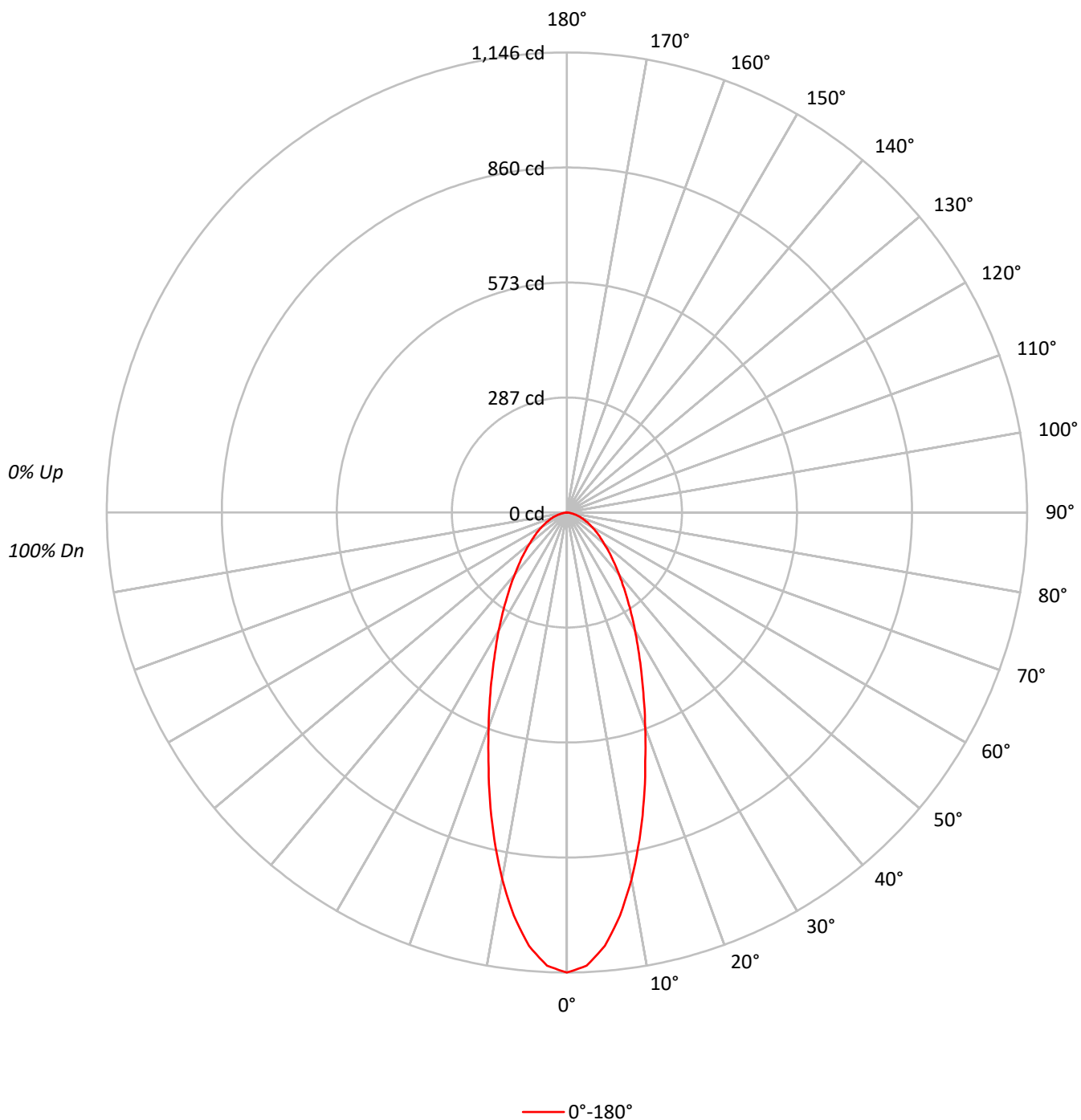
Lumens per Lamp: N/A
Luminaire Lumens: 963.0 lumens
Efficiency: N/A
Efficacy: 45.4 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	112	108	105	102	109	106	103	100	102	99	97		98	96	94		95
2	104	98	93	89	102	96	92	88	93	89	86		90	87	84		87
3	97	89	83	78	95	88	82	77	85	80	76		83	78	75		80
4	91	82	75	70	89	81	74	69	78	73	69		76	72	68		74
5	86	76	68	63	84	75	68	63	73	67	62		71	66	62		69
6	81	70	63	58	79	69	62	57	68	62	57		66	61	57		65
7	76	65	58	53	75	64	58	53	63	57	53		62	56	52		61
8	72	61	54	49	71	60	54	49	59	53	49		58	53	49		57
9	68	57	50	46	67	57	50	46	56	50	46		55	49	45		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	43		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	251274
5°	238520
10°	206587
15°	168173
20°	132895
25°	105950
30°	85912
35°	69975
40°	57966
45°	48842
50°	41346
55°	36395
60°	31883
65°	27863
70°	24427
75°	20503
80°	15280
85°	8806

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 48842 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	98.4	10.2
10°-20°	205.4	21.3
20°-30°	202.5	21.0
30°-40°	164.8	17.1
40°-50°	122.3	12.7
50°-60°	85.4	8.9
60°-70°	53.5	5.6
70°-80°	25.8	2.7
80°-90°	4.9	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	52.6
0°-40°	671.1	69.7
0°-60°	878.8	91.3
0°-90°	963.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	963.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1146	
5°	1084	98
15°	741	205
25°	438	202
35°	261	165
45°	158	122
55°	95	85
65°	54	53
75°	24	26
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1145.9
2.5°	1130.3
5°	1083.6
7.5°	1012.6
10°	927.8
12.5°	834.3
15°	740.8
17.5°	649.1
20°	569.5
22.5°	500.2
25°	437.9
27.5°	384.3
30°	339.3
32.5°	297.7
35°	261.4
37.5°	230.2
40°	202.5
42.5°	178.3
45°	157.5
47.5°	138.5
50°	121.2
52.5°	107.3
55°	95.2
57.5°	83.1
60°	72.7
62.5°	62.3
65°	53.7
67.5°	45.0
70°	38.1
72.5°	31.2
75°	24.2
77.5°	17.3
80°	12.1
82.5°	6.9
85°	3.5
87.5°	1.7
90°	0.0

(END OF REPORT)