

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: P1274319

Luminaire Tested: P3A17R209830DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274319
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R209830DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 98CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

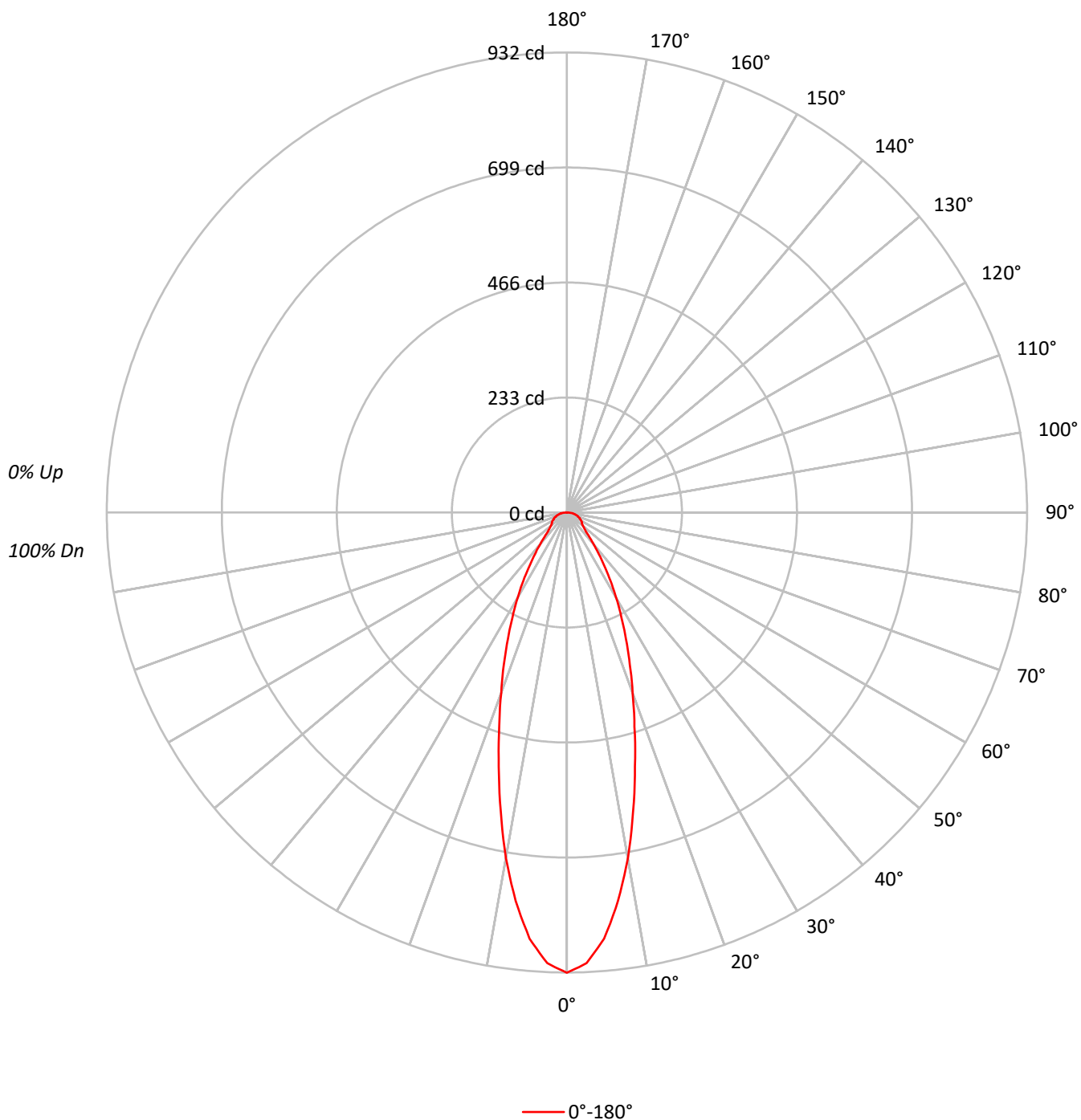
Lumens per Lamp: N/A
Luminaire Lumens: 575.0 lumens
Efficiency: N/A
Efficacy: 28.2 lumens/watt
Spacing Criteria (0/90/45): 0.55 / 0.55 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
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	101	102	100	97		98	96	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	97	90	84	80	87	82	78		84	80	77		82
4	93	84	78	73	91	83	77	73	81	76	72		79	74	71		77
5	88	79	72	67	86	78	71	67	76	70	66		74	69	66		72
6	84	74	67	62	82	73	66	62	71	66	61		70	65	61		68
7	79	69	63	58	78	68	62	58	67	62	57		66	61	57		65
8	76	65	59	54	74	65	58	54	64	58	54		62	57	54		61
9	72	62	55	51	71	61	55	51	60	55	51		59	54	51		58
10	69	59	52	48	68	58	52	48	57	52	48		57	52	48		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	204479
5°	190733
10°	158269
15°	121022
20°	90821
25°	68375
30°	50565
35°	35335
40°	24217
45°	16808
50°	14430
55°	14222
60°	14823
65°	14943
70°	15195
75°	15759
80°	17048
85°	17109

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 19824 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	77.6	13.5
10°-20°	148.2	25.8
20°-30°	130.4	22.7
30°-40°	84.2	14.6
40°-50°	44.6	7.8
50°-60°	33.5	5.8
60°-70°	28.5	5.0
70°-80°	20.1	3.5
80°-90°	7.8	1.4
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°	356.2	62.0
0°-40°	440.4	76.6
0°-60°	518.5	90.2
0°-90°	575.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	575.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	932	
5°	866	78
15°	533	148
25°	283	130
35°	132	84
45°	54	45
55°	37	33
65°	29	29
75°	19	20
85°	7	8
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	932.5
2.5°	913.9
5°	866.5
7.5°	793.7
10°	710.8
12.5°	619.4
15°	533.1
17.5°	455.2
20°	389.2
22.5°	333.4
25°	282.6
27.5°	238.6
30°	199.7
32.5°	164.2
35°	132.0
37.5°	106.6
40°	84.6
42.5°	67.7
45°	54.2
47.5°	47.4
50°	42.3
52.5°	38.9
55°	37.2
57.5°	35.5
60°	33.8
62.5°	30.5
65°	28.8
67.5°	27.1
70°	23.7
72.5°	22.0
75°	18.6
77.5°	16.9
80°	13.5
82.5°	11.8
85°	6.8
87.5°	3.4
90°	0.0

(END OF REPORT)