

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: P1249585

Luminaire Tested: P3AS17R209027DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1249585
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: P3AS17R209027DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 2700K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

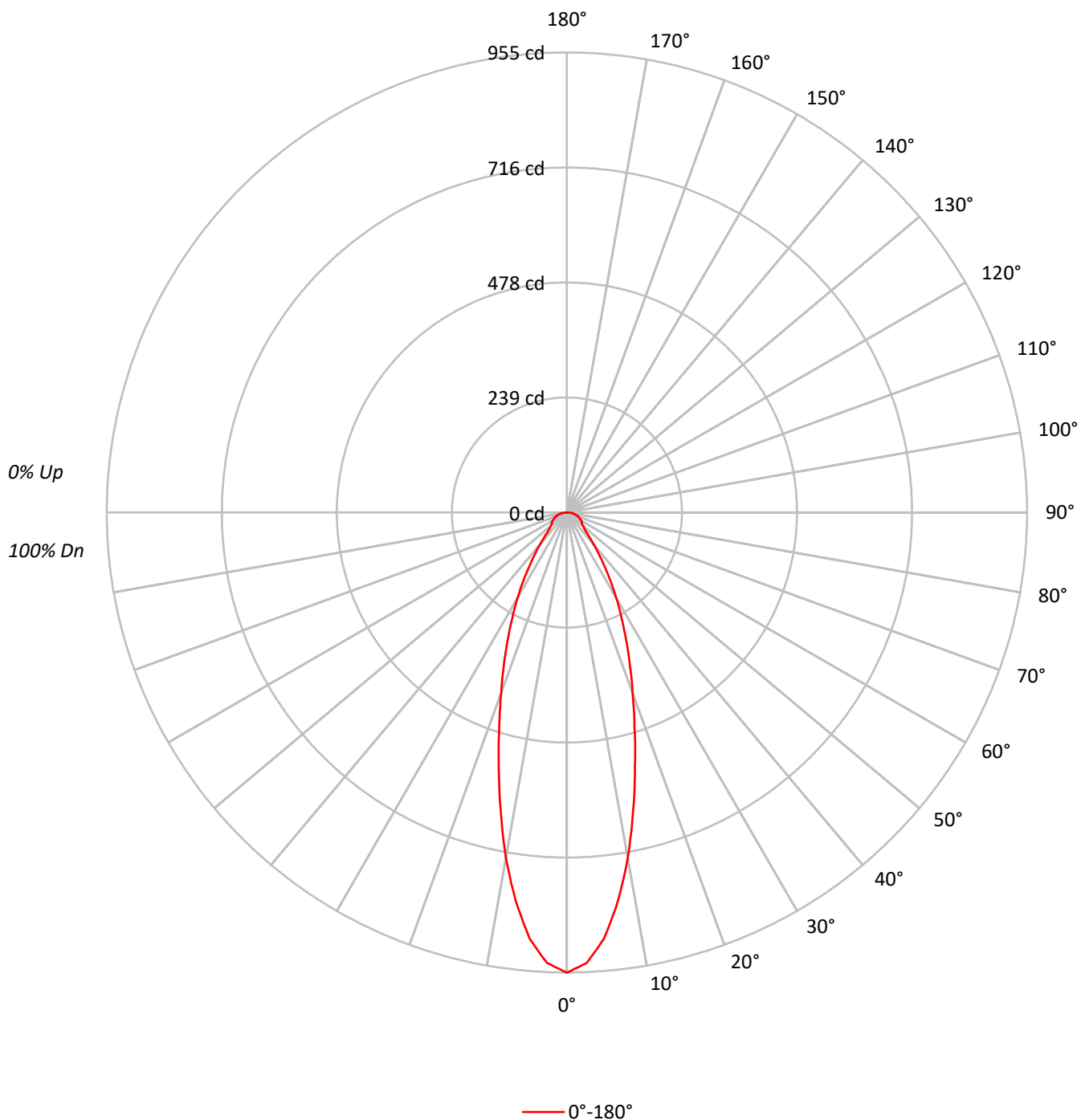
Lumens per Lamp: N/A
Luminaire Lumens: 589.0 lumens
Efficiency: N/A
Efficacy: 27.8 lumens/watt
Spacing Criteria (0/90/45): 0.55 / 0.55 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	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°	209457
5°	195377
10°	162121
15°	123973
20°	93038
25°	70044
30°	51805
35°	36192
40°	24818
45°	17211
50°	14771
55°	14566
60°	15218
65°	15306
70°	15580
75°	16182
80°	17553
85°	17360

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 20328 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	79.5	13.5
10°-20°	151.8	25.8
20°-30°	133.6	22.7
30°-40°	86.2	14.6
40°-50°	45.7	7.8
50°-60°	34.3	5.8
60°-70°	29.2	5.0
70°-80°	20.6	3.5
80°-90°	8.0	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°	364.9	62.0
0°-40°	451.2	76.6
0°-60°	531.2	90.2
0°-90°	589.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	589.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	955	
5°	888	80
15°	546	152
25°	290	134
35°	135	86
45°	56	46
55°	38	34
65°	30	29
75°	19	21
85°	7	8
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	955.2
2.5°	936.1
5°	887.6
7.5°	813.0
10°	728.1
12.5°	634.5
15°	546.1
17.5°	466.3
20°	398.7
22.5°	341.5
25°	289.5
27.5°	244.4
30°	204.6
32.5°	168.2
35°	135.2
37.5°	109.2
40°	86.7
42.5°	69.3
45°	55.5
47.5°	48.5
50°	43.3
52.5°	39.9
55°	38.1
57.5°	36.4
60°	34.7
62.5°	31.2
65°	29.5
67.5°	27.7
70°	24.3
72.5°	22.5
75°	19.1
77.5°	17.3
80°	13.9
82.5°	12.1
85°	6.9
87.5°	3.5
90°	0.0

(END OF REPORT)