

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: P1252292

Luminaire Tested: P3AS17R209030DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252292
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: P3AS17R209030DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

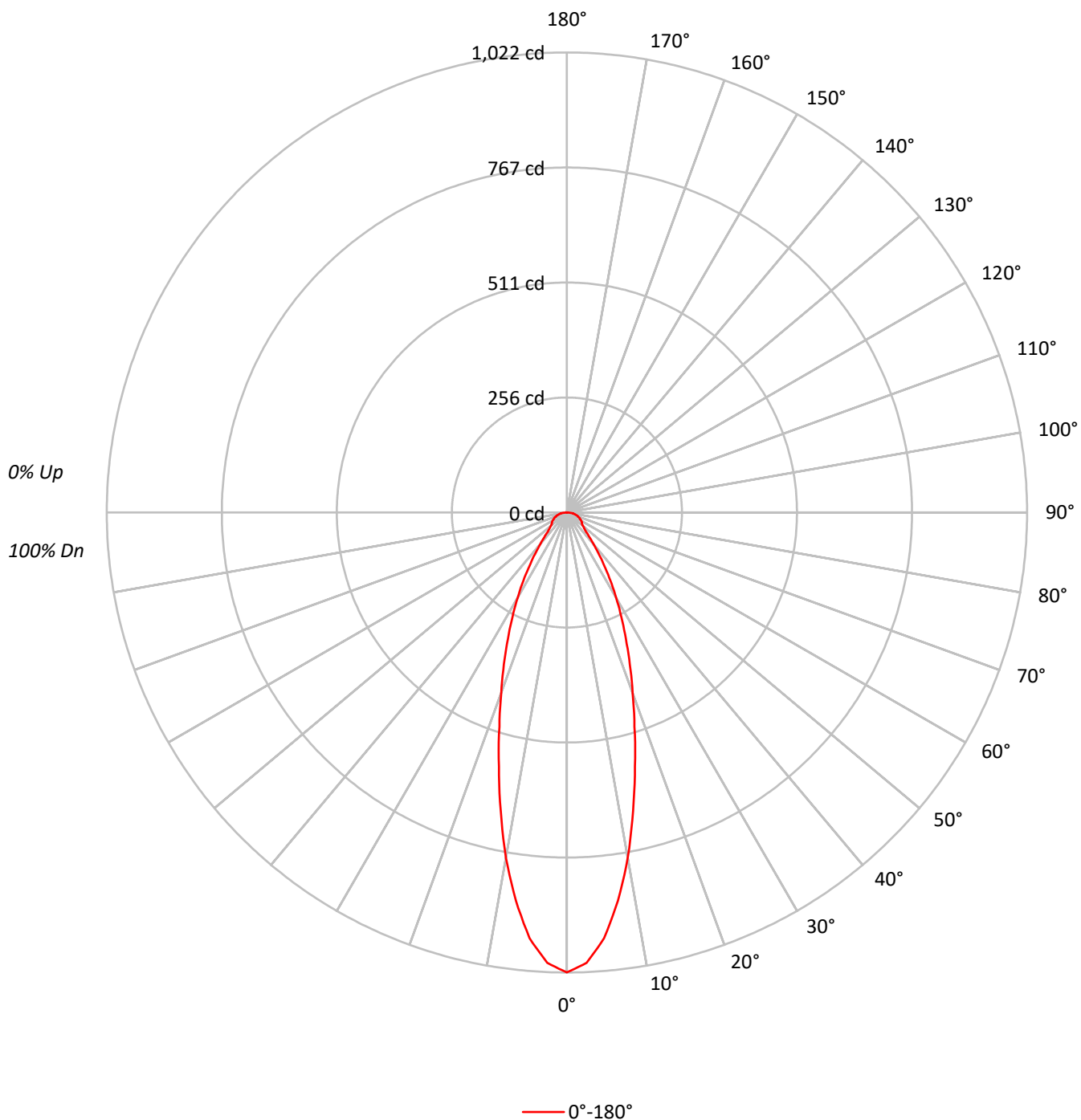
Lumens per Lamp: N/A
Luminaire Lumens: 630.0 lumens
Efficiency: N/A
Efficacy: 29.7 lumens/watt
Spacing Criteria (0/90/45): 0.55 / 0.55 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	224039
5°	208980
10°	173410
15°	132600
20°	99525
25°	74932
30°	55401
35°	38708
40°	26535
45°	18390
50°	15829
55°	15598
60°	16271
65°	16344
70°	16669
75°	17284
80°	18689
85°	18618

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 21840 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	85.1	13.5
10°-20°	162.4	25.8
20°-30°	142.9	22.7
30°-40°	92.2	14.6
40°-50°	48.9	7.8
50°-60°	36.7	5.8
60°-70°	31.2	5.0
70°-80°	22.0	3.5
80°-90°	8.6	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°	390.3	62.0
0°-40°	482.6	76.6
0°-60°	568.2	90.2
0°-90°	630.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	630.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1022	
5°	949	85
15°	584	162
25°	310	143
35°	145	92
45°	59	49
55°	41	37
65°	32	31
75°	20	22
85°	7	9
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1021.7
2.5°	1001.3
5°	949.4
7.5°	869.6
10°	778.8
12.5°	678.6
15°	584.1
17.5°	498.8
20°	426.5
22.5°	365.3
25°	309.7
27.5°	261.4
30°	218.8
32.5°	179.9
35°	144.6
37.5°	116.8
40°	92.7
42.5°	74.2
45°	59.3
47.5°	51.9
50°	46.4
52.5°	42.6
55°	40.8
57.5°	38.9
60°	37.1
62.5°	33.4
65°	31.5
67.5°	29.7
70°	26.0
72.5°	24.1
75°	20.4
77.5°	18.5
80°	14.8
82.5°	13.0
85°	7.4
87.5°	3.7
90°	0.0

(END OF REPORT)