

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: P1252266

Luminaire Tested: P3AS17R159030DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252266
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-5)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R159030DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

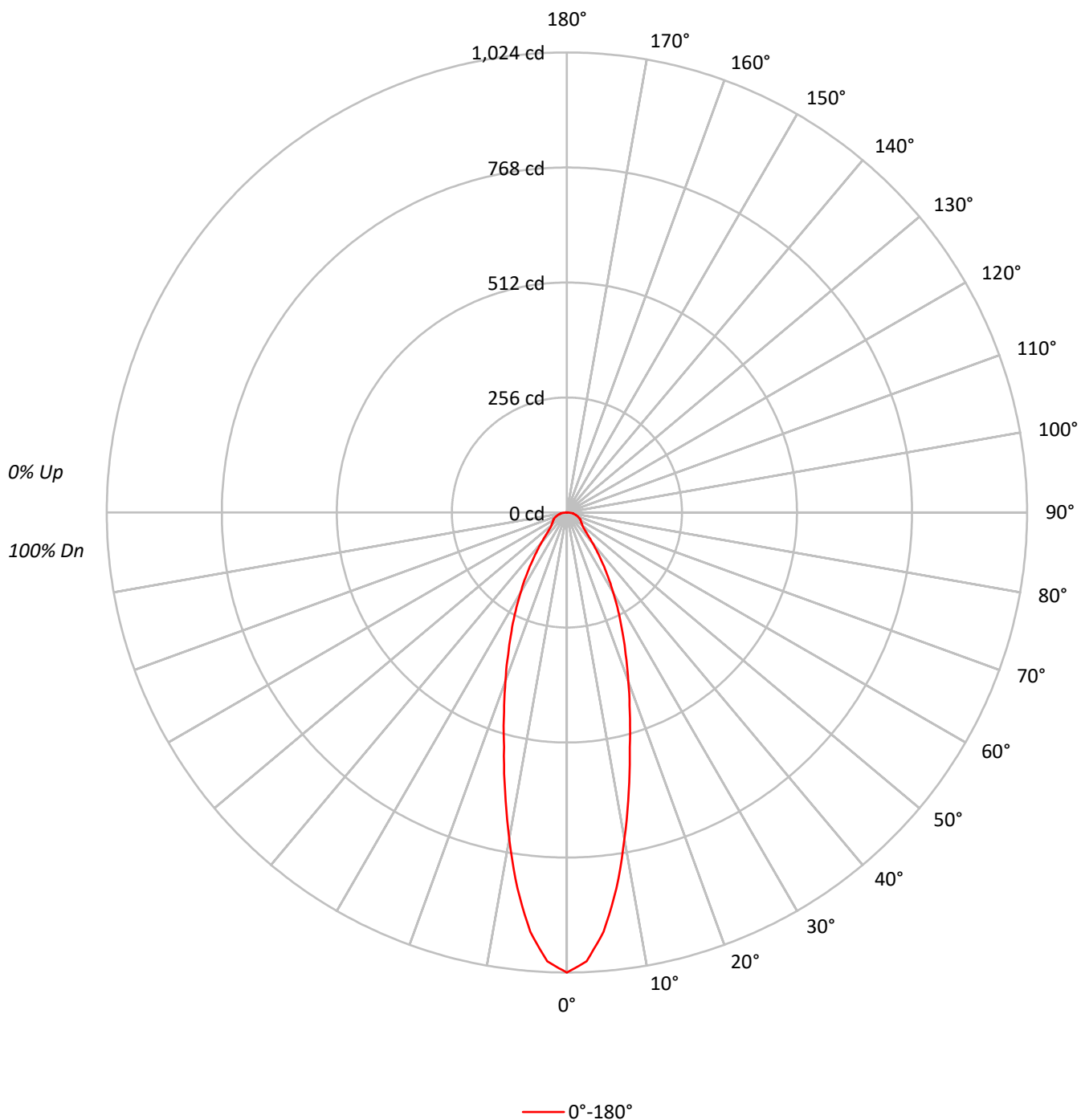
Lumens per Lamp: N/A
Luminaire Lumens: 600.0 lumens
Efficiency: N/A
Efficacy: 28.3 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	105	99	94	90	102	97	92	89	94	90	87		91	87	85		88
3	99	91	85	80	96	89	84	80	87	82	78		84	80	77		82
4	93	84	78	73	91	83	77	72	81	76	71		79	74	71		77
5	88	78	72	67	86	77	71	67	76	70	66		74	69	65		72
6	83	73	67	62	82	73	66	62	71	65	61		70	65	61		68
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	59	54	74	65	58	54	63	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		56	51	48		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	224565
5°	206207
10°	164303
15°	122793
20°	93248
25°	70601
30°	52236
35°	37316
40°	25534
45°	17862
50°	15215
55°	14910
60°	15481
65°	16396
70°	16669
75°	17284
80°	18816
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°	83.0	13.8
10°-20°	151.7	25.3
20°-30°	134.4	22.4
30°-40°	88.0	14.7
40°-50°	47.0	7.8
50°-60°	35.5	5.9
60°-70°	30.6	5.1
70°-80°	21.1	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°	369.1	61.5
0°-40°	457.1	76.2
0°-60°	539.7	90.0
0°-90°	600.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	600.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1024	
5°	937	83
15°	541	152
25°	292	134
35°	139	88
45°	58	47
55°	39	36
65°	32	31
75°	20	21
85°	7	9
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1024.1
2.5°	1000.0
5°	936.8
7.5°	843.8
10°	737.9
12.5°	635.7
15°	540.9
17.5°	464.7
20°	399.6
22.5°	342.0
25°	291.8
27.5°	247.2
30°	206.3
32.5°	171.0
35°	139.4
37.5°	111.5
40°	89.2
42.5°	70.6
45°	57.6
47.5°	50.2
50°	44.6
52.5°	42.7
55°	39.0
57.5°	37.2
60°	35.3
62.5°	33.5
65°	31.6
67.5°	27.9
70°	26.0
72.5°	22.3
75°	20.4
77.5°	16.7
80°	14.9
82.5°	13.0
85°	7.4
87.5°	3.7
90°	0.0

(END OF REPORT)