

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: P1265393

Luminaire Tested: P3A17R259730DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265393
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R259730DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

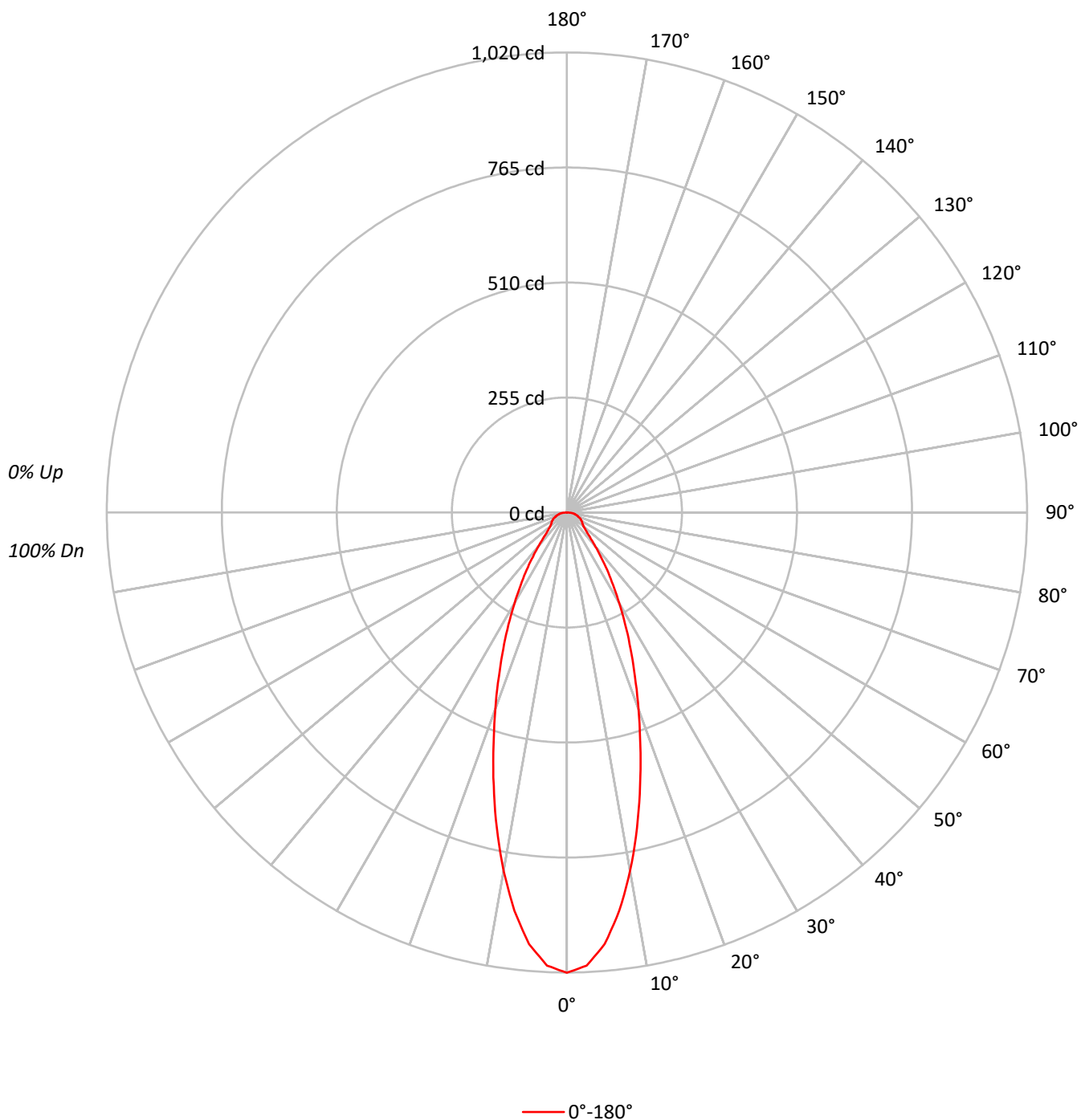
Lumens per Lamp: N/A
Luminaire Lumens: 666.0 lumens
Efficiency: N/A
Efficacy: 31.4 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.65
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	61	57		66	61	57		65
8	76	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°	223776
5°	211424
10°	179712
15°	142339
20°	108183
25°	80690
30°	58693
35°	41519
40°	28167
45°	19661
50°	16511
55°	15942
60°	16841
65°	17278
70°	17118
75°	18385
80°	21089
85°	20882

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 22344 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	86.7	13.0
10°-20°	173.5	26.1
20°-30°	153.7	23.1
30°-40°	97.9	14.7
40°-50°	51.8	7.8
50°-60°	38.1	5.7
60°-70°	32.4	4.9
70°-80°	22.9	3.4
80°-90°	9.0	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°	413.9	62.1
0°-40°	511.8	76.8
0°-60°	601.6	90.3
0°-90°	666.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	666.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1020	
5°	960	87
15°	627	174
25°	334	154
35°	155	98
45°	63	52
55°	42	38
65°	33	32
75°	22	23
85°	8	9
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1020.5
2.5°	1005.5
5°	960.5
7.5°	890.4
10°	807.1
12.5°	717.0
15°	627.0
17.5°	540.3
20°	463.6
22.5°	393.5
25°	333.5
27.5°	280.1
30°	231.8
32.5°	190.1
35°	155.1
37.5°	123.4
40°	98.4
42.5°	78.4
45°	63.4
47.5°	55.0
50°	48.4
52.5°	45.0
55°	41.7
57.5°	40.0
60°	38.4
62.5°	35.0
65°	33.3
67.5°	30.0
70°	26.7
72.5°	25.0
75°	21.7
77.5°	18.3
80°	16.7
82.5°	13.3
85°	8.3
87.5°	3.3
90°	0.0

(END OF REPORT)