

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: P1269806

Luminaire Tested: P3A13R259740DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269806
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: P3A13R259740DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

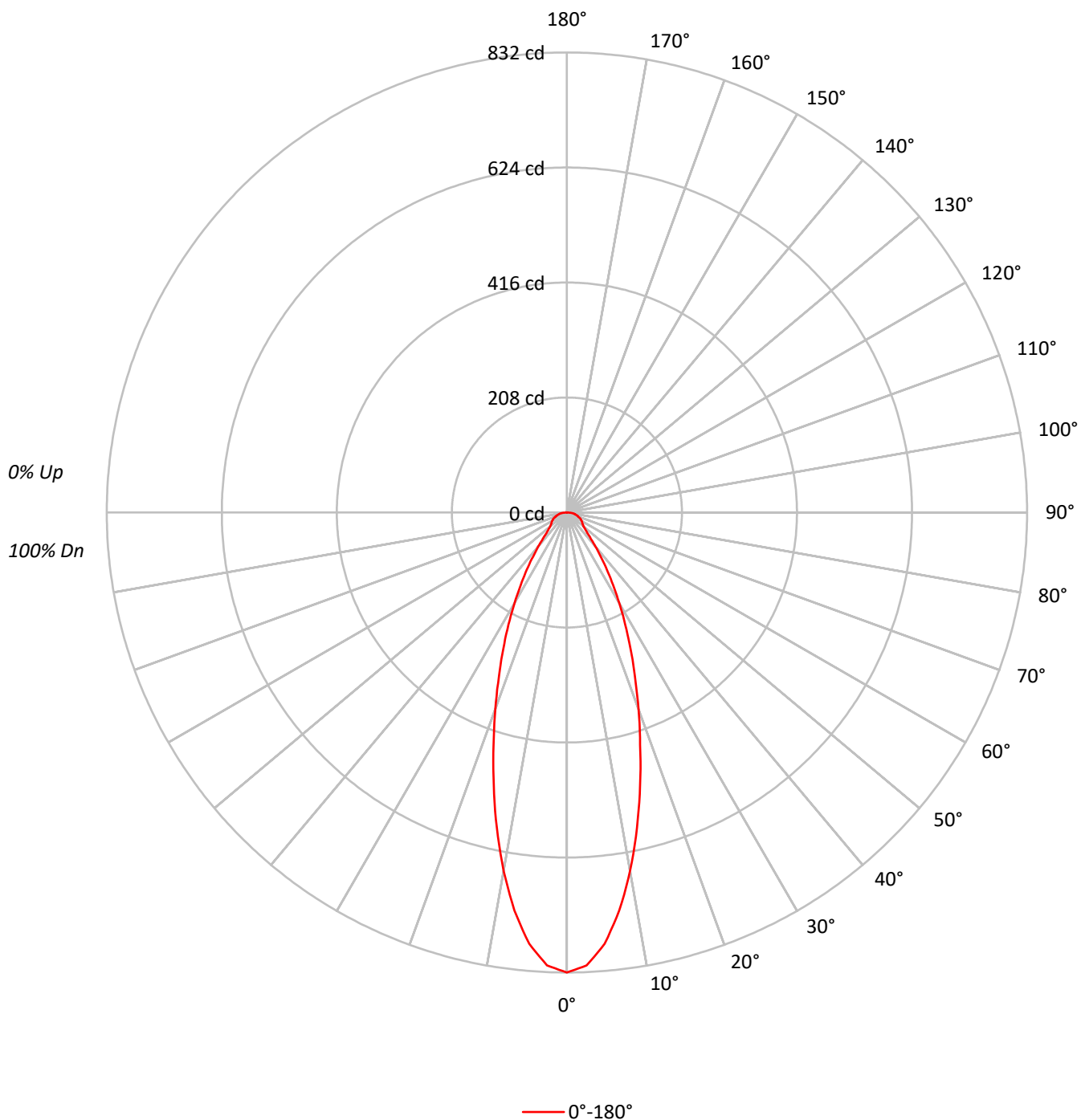
Lumens per Lamp: N/A
Luminaire Lumens: 543.1 lumens
Efficiency: N/A
Efficacy: 37.2 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.65
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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°	182442
5°	172375
10°	146513
15°	116051
20°	88184
25°	65786
30°	47855
35°	33836
40°	22957
45°	16033
50°	13441
55°	12998
60°	13727
65°	14113
70°	13977
75°	14996
80°	17174
85°	17109

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 18312 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	70.7	13.0
10°-20°	141.5	26.1
20°-30°	125.3	23.1
30°-40°	79.8	14.7
40°-50°	42.2	7.8
50°-60°	31.0	5.7
60°-70°	26.5	4.9
70°-80°	18.7	3.4
80°-90°	7.4	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°	337.5	62.1
0°-40°	417.2	76.8
0°-60°	490.5	90.3
0°-90°	543.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	543.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	832	
5°	783	71
15°	511	141
25°	272	125
35°	126	80
45°	52	42
55°	34	31
65°	27	26
75°	18	19
85°	7	7
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	832.0
2.5°	819.8
5°	783.1
7.5°	726.0
10°	658.0
12.5°	584.6
15°	511.2
17.5°	440.5
20°	377.9
22.5°	320.8
25°	271.9
27.5°	228.4
30°	189.0
32.5°	155.0
35°	126.4
37.5°	100.6
40°	80.2
42.5°	63.9
45°	51.7
47.5°	44.9
50°	39.4
52.5°	36.7
55°	34.0
57.5°	32.6
60°	31.3
62.5°	28.6
65°	27.2
67.5°	24.5
70°	21.8
72.5°	20.4
75°	17.7
77.5°	15.0
80°	13.6
82.5°	10.9
85°	6.8
87.5°	2.7
90°	0.0

(END OF REPORT)