

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: P1246877

Luminaire Tested: P3A13R259024DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246877
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: P3A13R259024DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 2400K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

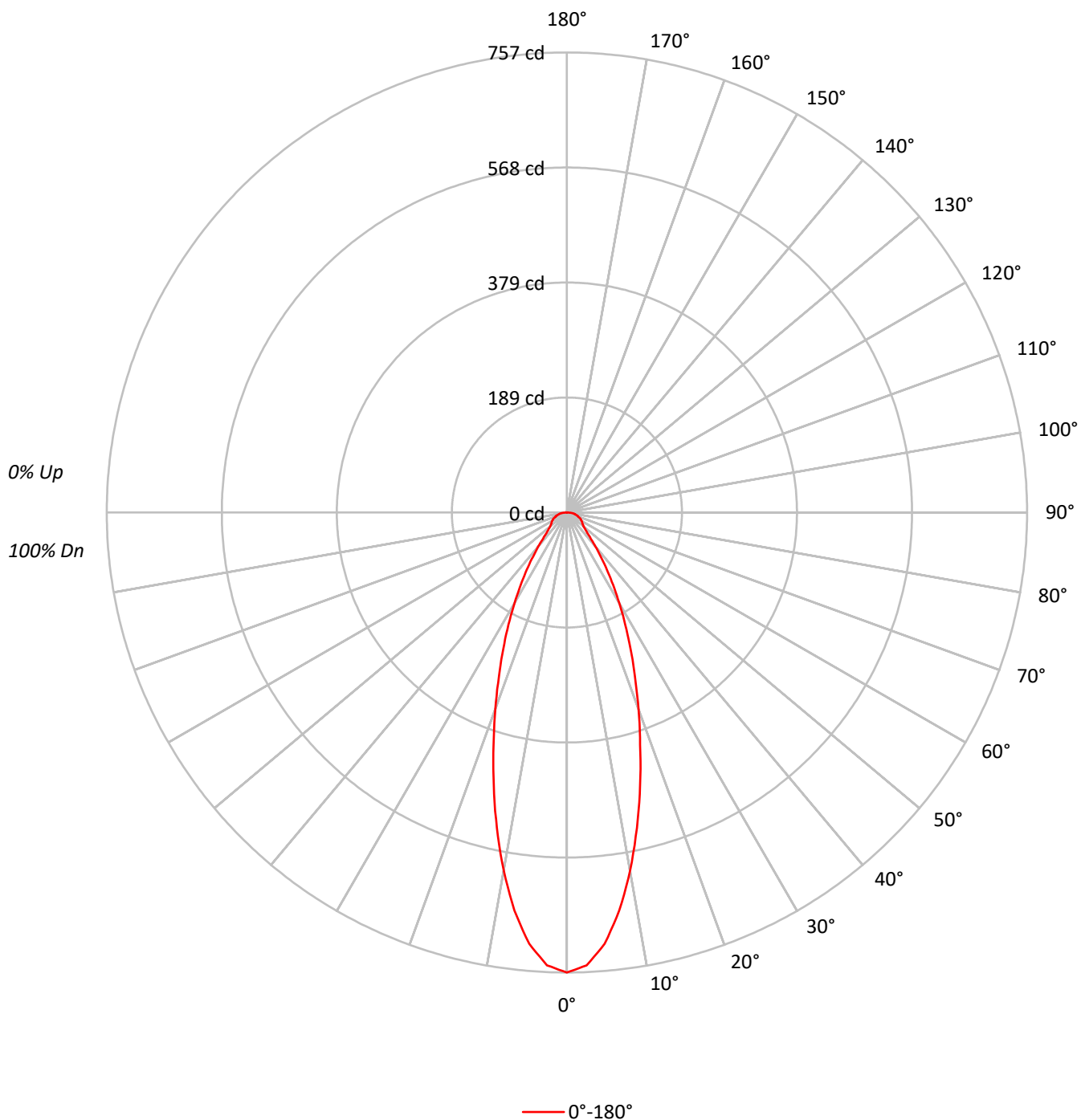
Lumens per Lamp: N/A
Luminaire Lumens: 494.0 lumens
Efficiency: N/A
Efficacy: 33.8 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.65
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	165995
5°	156812
10°	133286
15°	105585
20°	80227
25°	59858
30°	43526
35°	30785
40°	20896
45°	14575
50°	12247
55°	11813
60°	12455
65°	12816
70°	12694
75°	13640
80°	15659
85°	15599

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 16632 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	64.3	13.0
10°-20°	128.7	26.1
20°-30°	114.0	23.1
30°-40°	72.6	14.7
40°-50°	38.4	7.8
50°-60°	28.2	5.7
60°-70°	24.0	4.9
70°-80°	17.0	3.4
80°-90°	6.7	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°	307.0	62.1
0°-40°	379.6	76.8
0°-60°	446.2	90.3
0°-90°	494.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	494.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	757	
5°	712	64
15°	465	129
25°	247	114
35°	115	73
45°	47	38
55°	31	28
65°	25	24
75°	16	17
85°	6	7
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	757.0
2.5°	745.8
5°	712.4
7.5°	660.5
10°	598.6
12.5°	531.8
15°	465.1
17.5°	400.7
20°	343.8
22.5°	291.9
25°	247.4
27.5°	207.8
30°	171.9
32.5°	141.0
35°	115.0
37.5°	91.5
40°	73.0
42.5°	58.1
45°	47.0
47.5°	40.8
50°	35.9
52.5°	33.4
55°	30.9
57.5°	29.7
60°	28.4
62.5°	26.0
65°	24.7
67.5°	22.3
70°	19.8
72.5°	18.6
75°	16.1
77.5°	13.6
80°	12.4
82.5°	9.9
85°	6.2
87.5°	2.5
90°	0.0

(END OF REPORT)