

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: P1286771

Luminaire Tested: P3AS09R259030D2WDE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286771
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: P3AS09R259030D2WDE010 E3PHLP1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,
E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

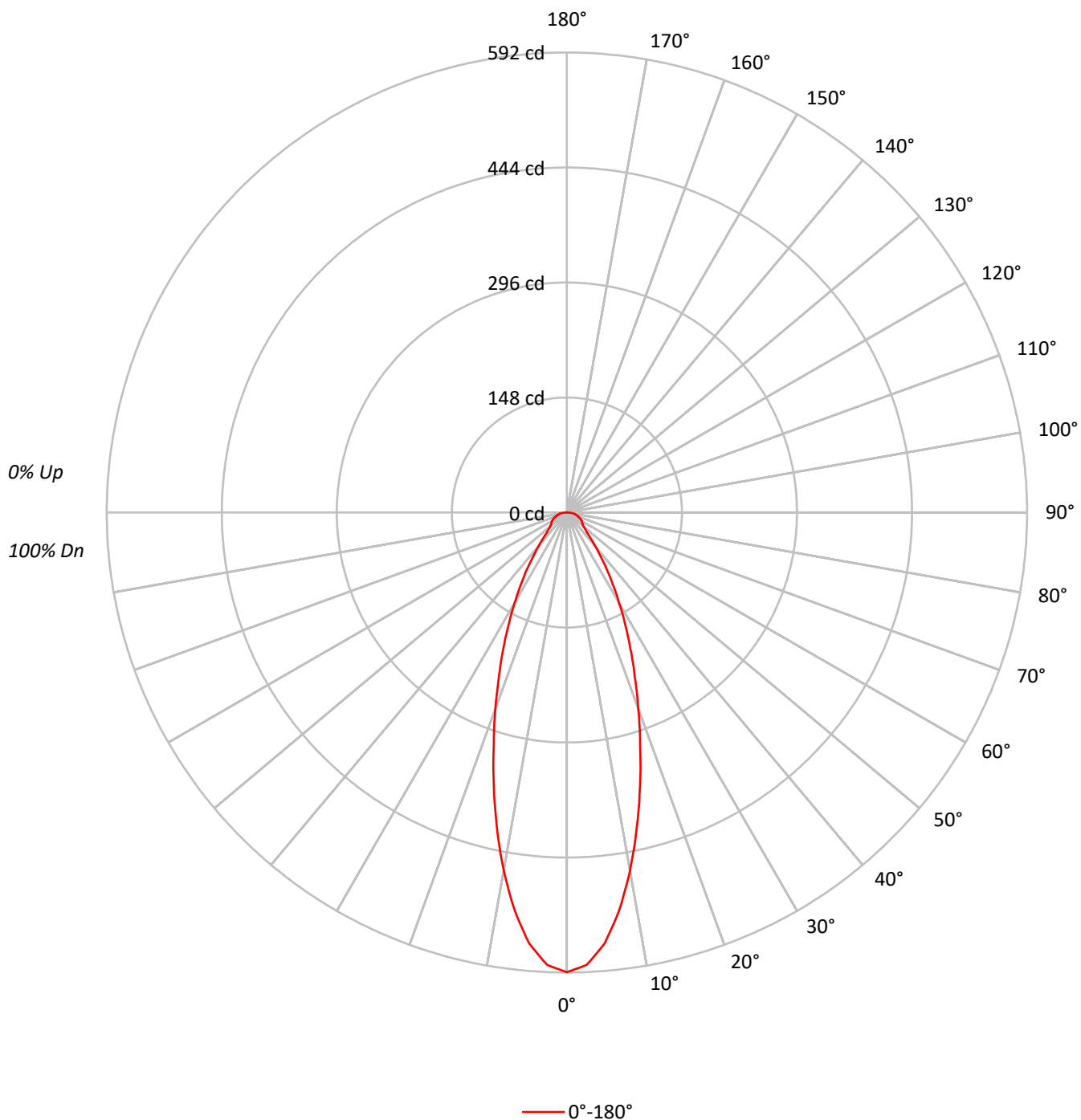
Lumens per Lamp: N/A
Luminaire Lumens: 386.0 lumens
Efficiency: N/A
Efficacy: 26.3 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.65
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.7
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°	129705
5°	122540
10°	104162
15°	82498
20°	62702
25°	46769
30°	34005
35°	24066
40°	16316
45°	11381
50°	9552
55°	9252
60°	9736
65°	10014
70°	9938
75°	10675
80°	12249
85°	12077

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 12936 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	50.3	13.0
10°-20°	100.6	26.1
20°-30°	89.1	23.1
30°-40°	56.7	14.7
40°-50°	30.0	7.8
50°-60°	22.1	5.7
60°-70°	18.8	4.9
70°-80°	13.3	3.4
80°-90°	5.2	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°	239.9	62.2
0°-40°	296.6	76.8
0°-60°	348.7	90.3
0°-90°	386.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	386.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	592	
5°	557	50
15°	363	101
25°	193	89
35°	90	57
45°	37	30
55°	24	22
65°	19	19
75°	13	13
85°	5	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	591.5
2.5°	582.8
5°	556.7
7.5°	516.1
10°	467.8
12.5°	415.6
15°	363.4
17.5°	313.1
20°	268.7
22.5°	228.1
25°	193.3
27.5°	162.4
30°	134.3
32.5°	110.2
35°	89.9
37.5°	71.5
40°	57.0
42.5°	45.4
45°	36.7
47.5°	31.9
50°	28.0
52.5°	26.1
55°	24.2
57.5°	23.2
60°	22.2
62.5°	20.3
65°	19.3
67.5°	17.4
70°	15.5
72.5°	14.5
75°	12.6
77.5°	10.6
80°	9.7
82.5°	7.7
85°	4.8
87.5°	1.9
90°	0.0

(END OF REPORT)