

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: P1269363

Luminaire Tested: P3A09R209740DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269363
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R209740DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 4000K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

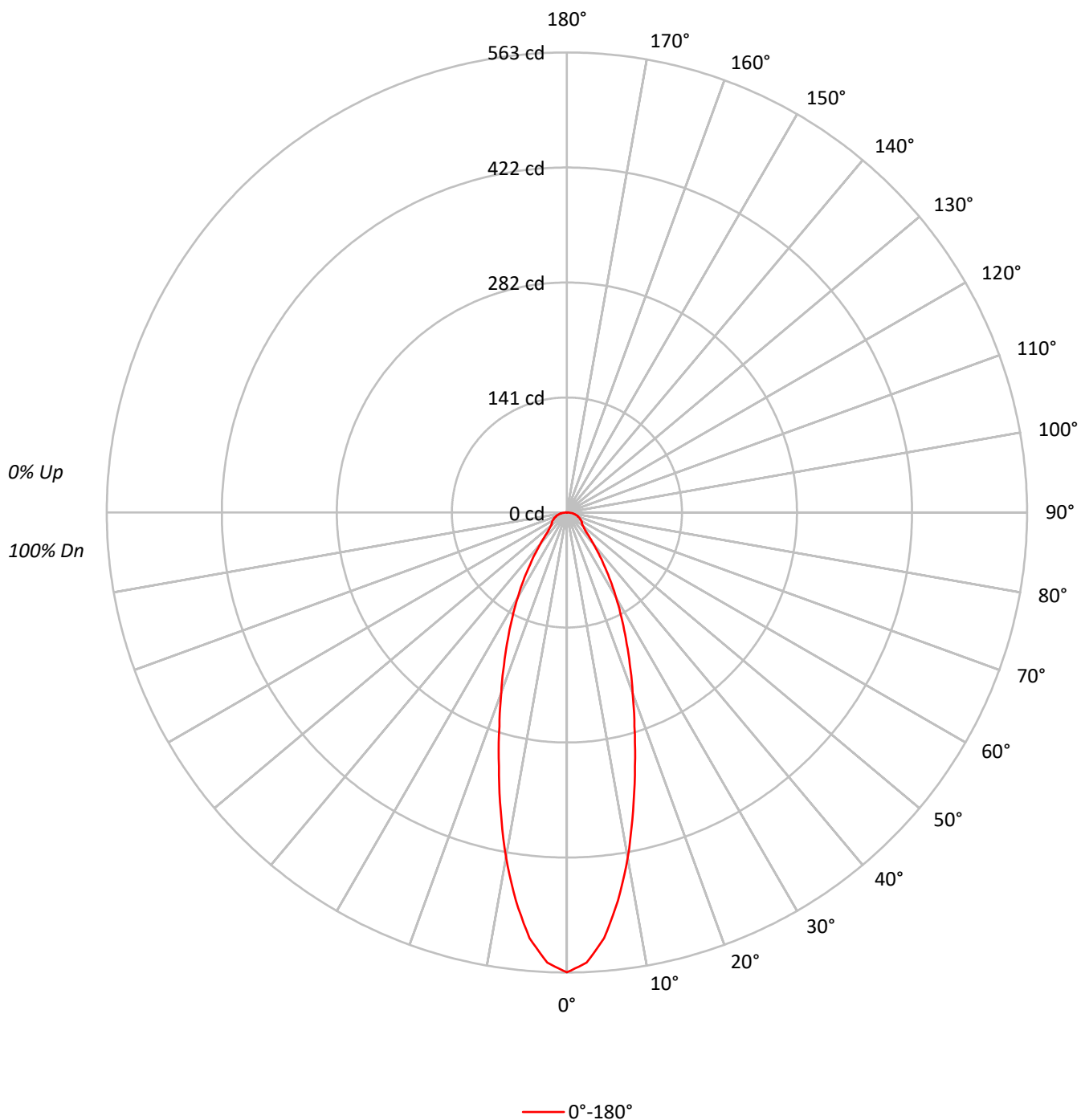
Lumens per Lamp: N/A
Luminaire Lumens: 347.0 lumens
Efficiency: N/A
Efficacy: 31.3 lumens/watt
Spacing Criteria (0/90/45): 0.55 / 0.55 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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	62	57		66	61	57		65
8	76	65	59	54	74	65	58	54	64	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		57	52	48		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	123389
5°	115100
10°	95500
15°	73031
20°	54815
25°	41277
30°	30511
35°	21335
40°	14627
45°	10141
50°	8699
55°	8602
60°	8947
65°	9028
70°	9168
75°	9489
80°	10355
85°	10315

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 11928 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.8	13.5
10°-20°	89.5	25.8
20°-30°	78.7	22.7
30°-40°	50.8	14.6
40°-50°	26.9	7.8
50°-60°	20.2	5.8
60°-70°	17.2	5.0
70°-80°	12.1	3.5
80°-90°	4.7	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°	215.0	62.0
0°-40°	265.8	76.6
0°-60°	313.0	90.2
0°-90°	347.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	347.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	563	
5°	523	47
15°	322	89
25°	171	79
35°	80	51
45°	33	27
55°	22	20
65°	17	17
75°	11	12
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	562.7
2.5°	551.5
5°	522.9
7.5°	479.0
10°	428.9
12.5°	373.8
15°	321.7
17.5°	274.7
20°	234.9
22.5°	201.2
25°	170.6
27.5°	144.0
30°	120.5
32.5°	99.1
35°	79.7
37.5°	64.3
40°	51.1
42.5°	40.9
45°	32.7
47.5°	28.6
50°	25.5
52.5°	23.5
55°	22.5
57.5°	21.4
60°	20.4
62.5°	18.4
65°	17.4
67.5°	16.3
70°	14.3
72.5°	13.3
75°	11.2
77.5°	10.2
80°	8.2
82.5°	7.1
85°	4.1
87.5°	2.0
90°	0.0

(END OF REPORT)