

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: P1262637

Luminaire Tested: P3A13R209727DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262637
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: P3A13R209727DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 2700K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

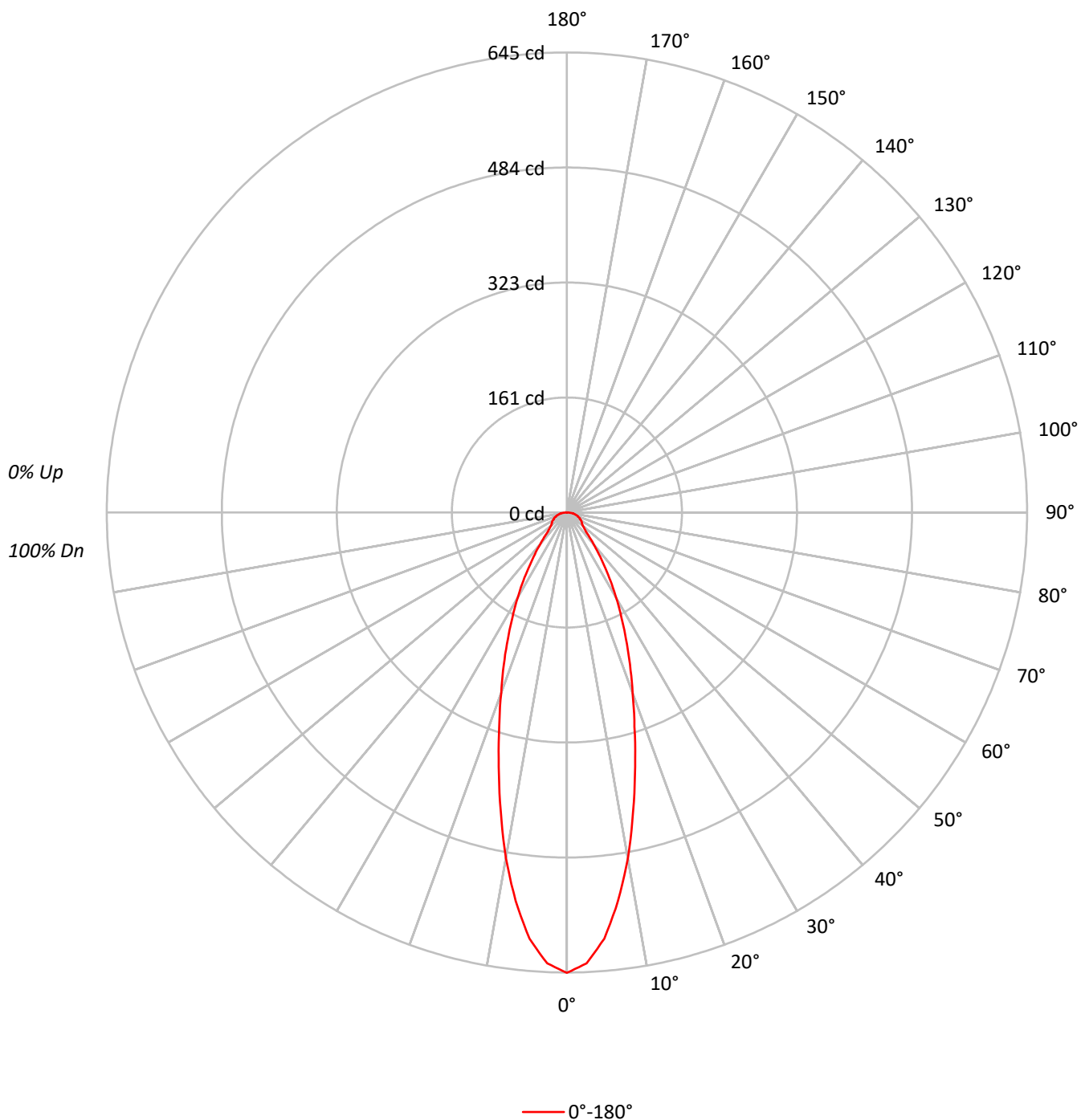
Lumens per Lamp: N/A
Luminaire Lumens: 398.0 lumens
Efficiency: N/A
Efficacy: 27.3 lumens/watt
Spacing Criteria (0/90/45): 0.55 / 0.55 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	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°	141524
5°	132027
10°	109550
15°	83769
20°	62865
25°	47325
30°	34993
35°	24467
40°	16774
45°	11629
50°	9995
55°	9863
60°	10262
65°	10325
70°	10515
75°	10929
80°	11870
85°	11825

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 13776 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	53.7	13.5
10°-20°	102.6	25.8
20°-30°	90.3	22.7
30°-40°	58.3	14.6
40°-50°	30.9	7.8
50°-60°	23.2	5.8
60°-70°	19.7	5.0
70°-80°	13.9	3.5
80°-90°	5.4	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°	246.6	62.0
0°-40°	304.9	76.6
0°-60°	359.0	90.2
0°-90°	398.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	398.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	645	
5°	600	54
15°	369	103
25°	196	90
35°	91	58
45°	38	31
55°	26	23
65°	20	20
75°	13	14
85°	5	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	645.4
2.5°	632.6
5°	599.8
7.5°	549.4
10°	492.0
12.5°	428.7
15°	369.0
17.5°	315.1
20°	269.4
22.5°	230.8
25°	195.6
27.5°	165.2
30°	138.2
32.5°	113.6
35°	91.4
37.5°	73.8
40°	58.6
42.5°	46.9
45°	37.5
47.5°	32.8
50°	29.3
52.5°	26.9
55°	25.8
57.5°	24.6
60°	23.4
62.5°	21.1
65°	19.9
67.5°	18.7
70°	16.4
72.5°	15.2
75°	12.9
77.5°	11.7
80°	9.4
82.5°	8.2
85°	4.7
87.5°	2.3
90°	0.0

(END OF REPORT)