

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: P1246754

Luminaire Tested: P3A10R129024DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246754
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-5)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A10R129024DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R12 optic, 2400K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

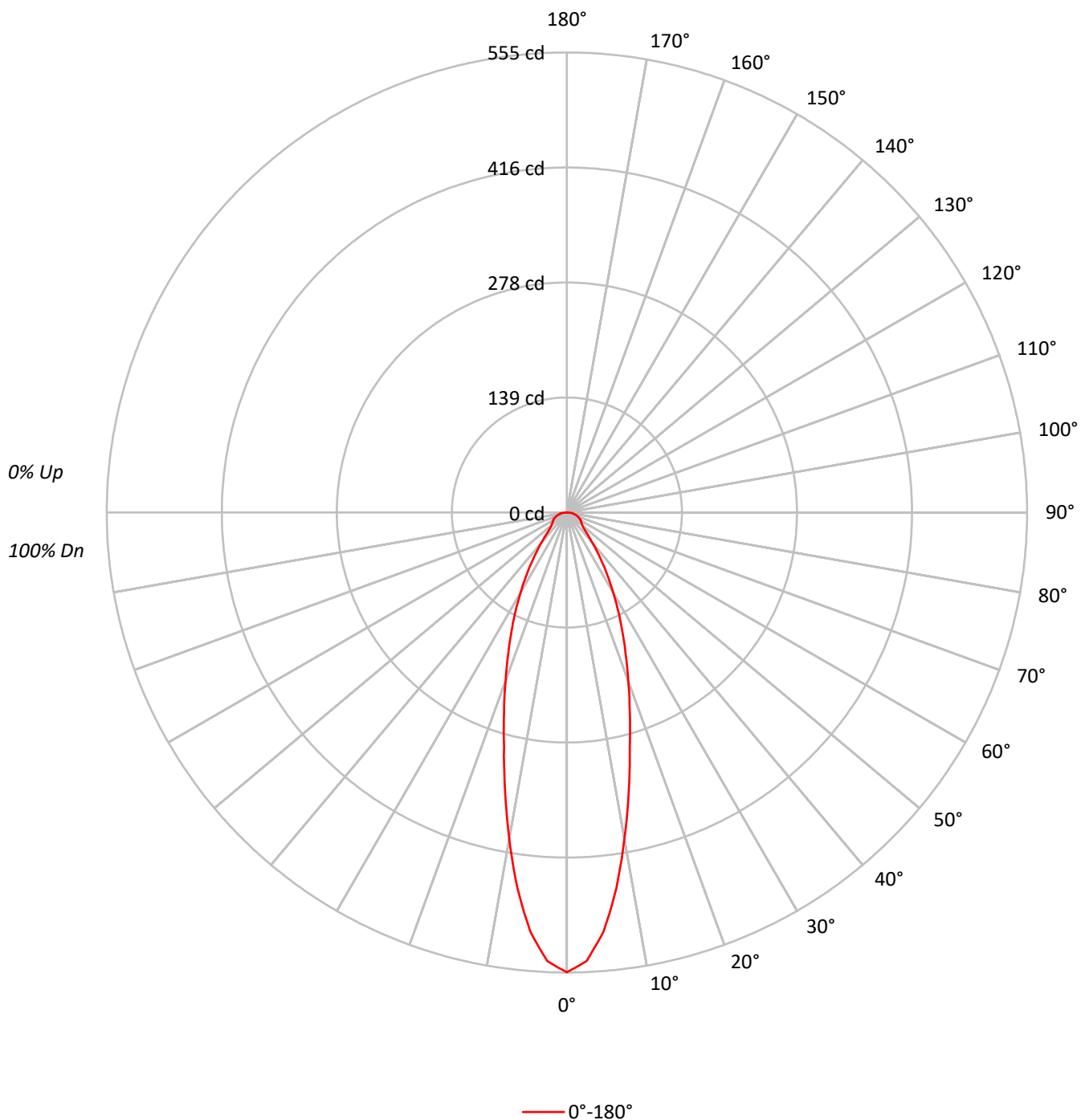
Lumens per Lamp: N/A
Luminaire Lumens: 325.0 lumens
Efficiency: N/A
Efficacy: 27.8 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.7
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	100	102	99	97		98	96	94		95
2	105	99	94	90	102	97	92	89	94	90	87		91	87	85		88
3	99	91	85	80	96	89	84	80	87	82	78		84	80	77		82
4	93	84	78	73	91	83	77	72	81	76	71		79	74	71		77
5	88	78	72	67	86	77	71	67	76	70	66		74	69	65		72
6	83	73	67	62	82	73	66	62	71	65	61		70	65	61		68
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	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°	121635
5°	111688
10°	88999
15°	66516
20°	50521
25°	38252
30°	28308
35°	20211
40°	13826
45°	9675
50°	8256
55°	8067
60°	8377
65°	8873
70°	9040
75°	9404
80°	10229
85°	10064

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 11760 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	44.9	13.8
10°-20°	82.2	25.3
20°-30°	72.8	22.4
30°-40°	47.7	14.7
40°-50°	25.5	7.8
50°-60°	19.3	5.9
60°-70°	16.6	5.1
70°-80°	11.5	3.5
80°-90°	4.6	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°	199.9	61.5
0°-40°	247.6	76.2
0°-60°	292.3	90.0
0°-90°	325.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	325.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	555	
5°	507	45
15°	293	82
25°	158	73
35°	76	48
45°	31	25
55°	21	19
65°	17	17
75°	11	11
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	554.7
2.5°	541.6
5°	507.4
7.5°	457.1
10°	399.7
12.5°	344.3
15°	293.0
17.5°	251.7
20°	216.5
22.5°	185.2
25°	158.1
27.5°	133.9
30°	111.8
32.5°	92.6
35°	75.5
37.5°	60.4
40°	48.3
42.5°	38.3
45°	31.2
47.5°	27.2
50°	24.2
52.5°	23.2
55°	21.1
57.5°	20.1
60°	19.1
62.5°	18.1
65°	17.1
67.5°	15.1
70°	14.1
72.5°	12.1
75°	11.1
77.5°	9.1
80°	8.1
82.5°	7.0
85°	4.0
87.5°	2.0
90°	0.0

(END OF REPORT)