

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: P1273258

Luminaire Tested: P3A05R159830DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273258
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: P3A05R159830DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 98CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

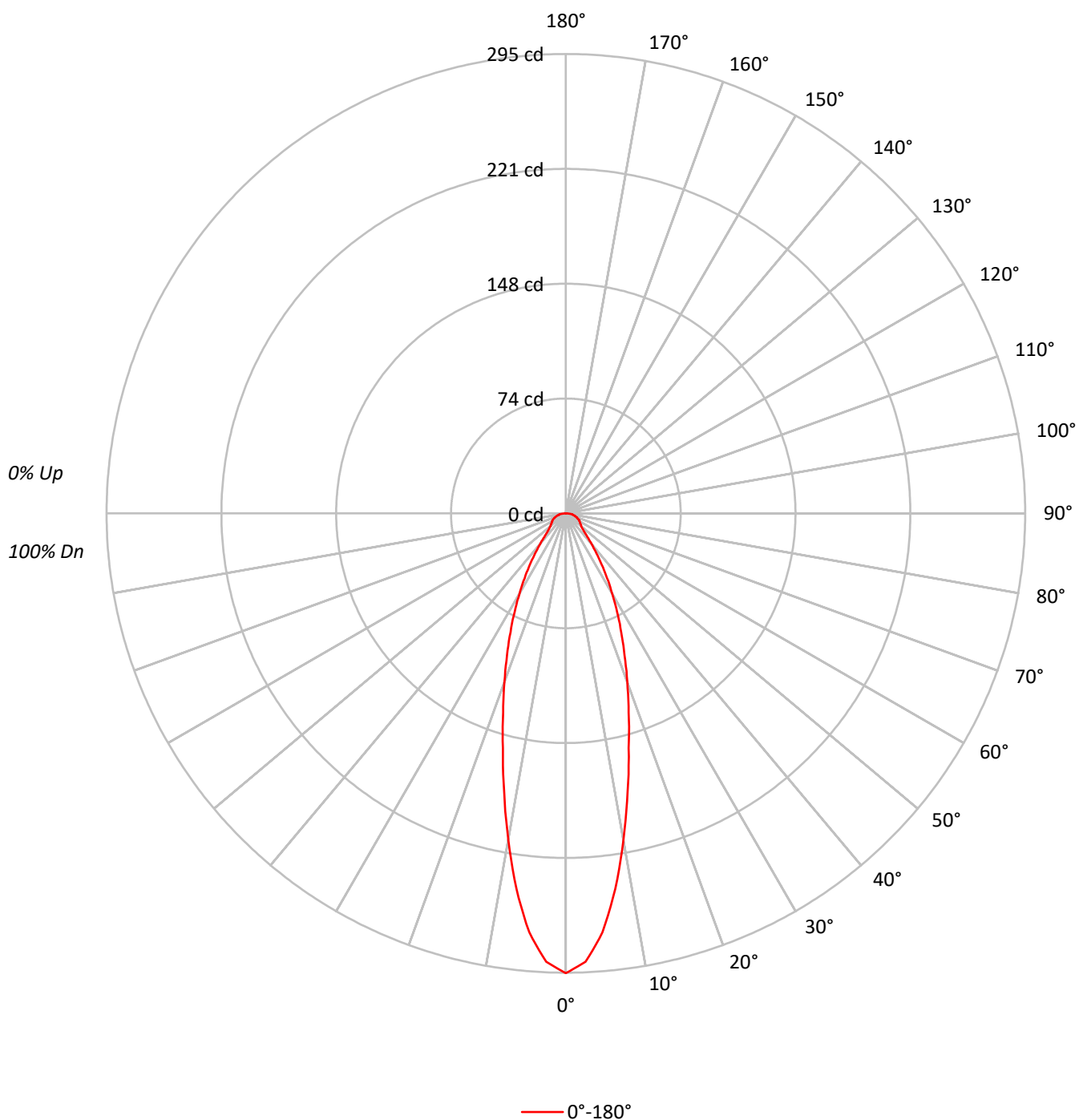
Lumens per Lamp: N/A
Luminaire Lumens: 173.0 lumens
Efficiency: N/A
Efficacy: 24.0 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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°	64754
5°	59454
10°	47383
15°	35415
20°	26882
25°	20348
30°	15066
35°	10761
40°	7357
45°	5148
50°	4401
55°	4320
60°	4473
65°	4722
70°	4809
75°	4999
80°	5430
85°	5284

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 82.5°
Luminance: 6384 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.9	13.8
10°-20°	43.7	25.3
20°-30°	38.8	22.4
30°-40°	25.4	14.7
40°-50°	13.6	7.8
50°-60°	10.3	5.9
60°-70°	8.8	5.1
70°-80°	6.1	3.5
80°-90°	2.5	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°	106.4	61.5
0°-40°	131.8	76.2
0°-60°	155.6	90.0
0°-90°	173.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	173.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	295	
5°	270	24
15°	156	44
25°	84	39
35°	40	25
45°	17	14
55°	11	10
65°	9	9
75°	6	6
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	295.3
2.5°	288.3
5°	270.1
7.5°	243.3
10°	212.8
12.5°	183.3
15°	156.0
17.5°	134.0
20°	115.2
22.5°	98.6
25°	84.1
27.5°	71.3
30°	59.5
32.5°	49.3
35°	40.2
37.5°	32.2
40°	25.7
42.5°	20.4
45°	16.6
47.5°	14.5
50°	12.9
52.5°	12.3
55°	11.3
57.5°	10.7
60°	10.2
62.5°	9.6
65°	9.1
67.5°	8.0
70°	7.5
72.5°	6.4
75°	5.9
77.5°	4.8
80°	4.3
82.5°	3.8
85°	2.1
87.5°	1.1
90°	0.0

(END OF REPORT)