

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: P1251890

Luminaire Tested: P3AS13R159030DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251890
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: P3AS13R159030DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

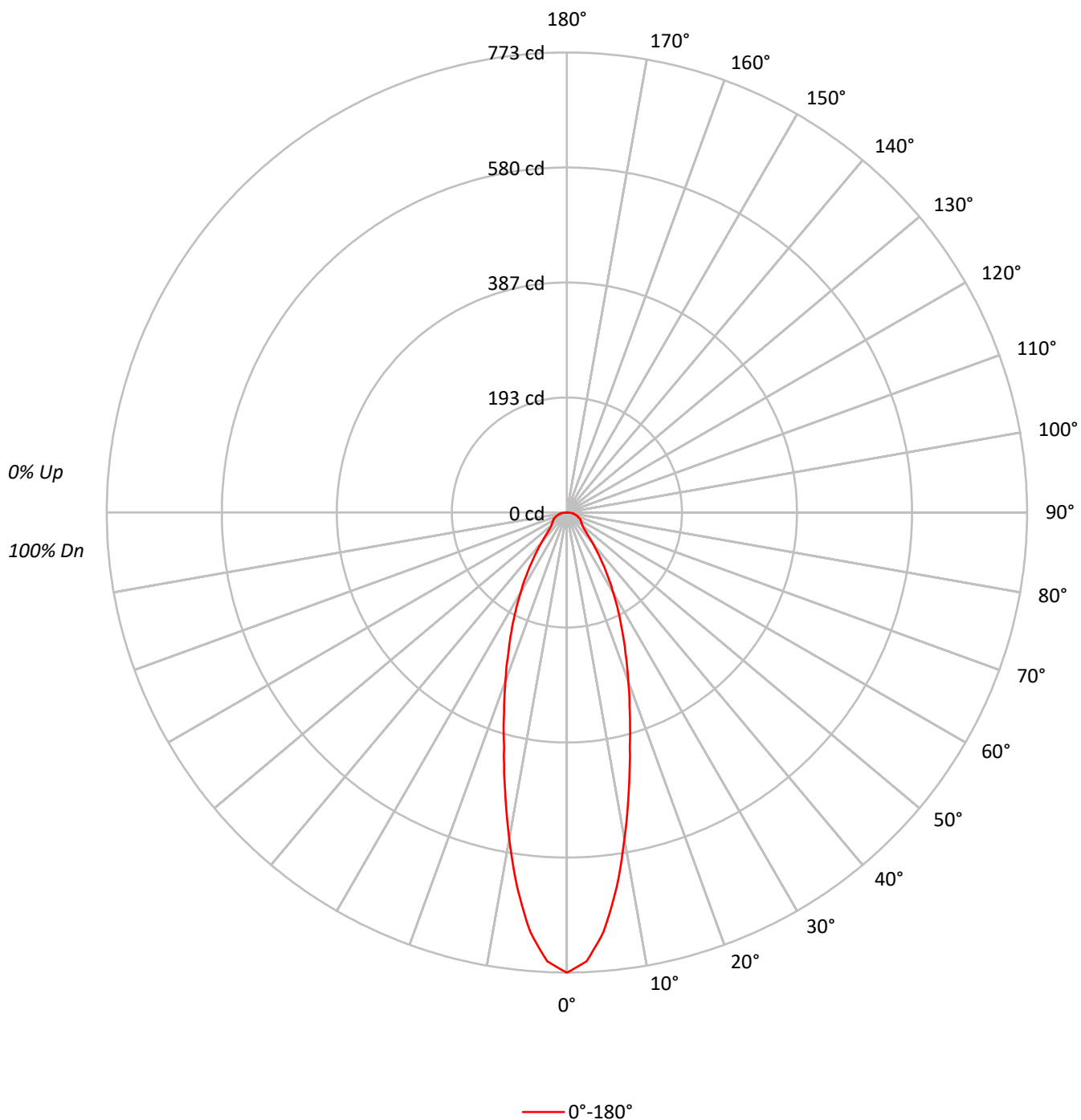
Lumens per Lamp: N/A
Luminaire Lumens: 453.0 lumens
Efficiency: N/A
Efficacy: 31.0 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	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°	169548
5°	155690
10°	124046
15°	92713
20°	70403
25°	53301
30°	39449
35°	28161
40°	19293
45°	13490
50°	11496
55°	11278
60°	11710
65°	12401
70°	12566
75°	13047
80°	14143
85°	14089

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 16464 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	62.6	13.8
10°-20°	114.5	25.3
20°-30°	101.5	22.4
30°-40°	66.5	14.7
40°-50°	35.5	7.8
50°-60°	26.9	5.9
60°-70°	23.1	5.1
70°-80°	15.9	3.5
80°-90°	6.5	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°	278.6	61.5
0°-40°	345.1	76.2
0°-60°	407.5	90.0
0°-90°	453.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	453.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	773	
5°	707	63
15°	408	115
25°	220	101
35°	105	66
45°	44	36
55°	30	27
65°	24	23
75°	15	16
85°	6	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	773.2
2.5°	755.0
5°	707.3
7.5°	637.1
10°	557.1
12.5°	479.9
15°	408.4
17.5°	350.8
20°	301.7
22.5°	258.2
25°	220.3
27.5°	186.6
30°	155.8
32.5°	129.1
35°	105.2
37.5°	84.2
40°	67.4
42.5°	53.3
45°	43.5
47.5°	37.9
50°	33.7
52.5°	32.3
55°	29.5
57.5°	28.1
60°	26.7
62.5°	25.3
65°	23.9
67.5°	21.0
70°	19.6
72.5°	16.8
75°	15.4
77.5°	12.6
80°	11.2
82.5°	9.8
85°	5.6
87.5°	2.8
90°	0.0

(END OF REPORT)