

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: P1251948

Luminaire Tested: P3AS13R259030DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251948
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R259030DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

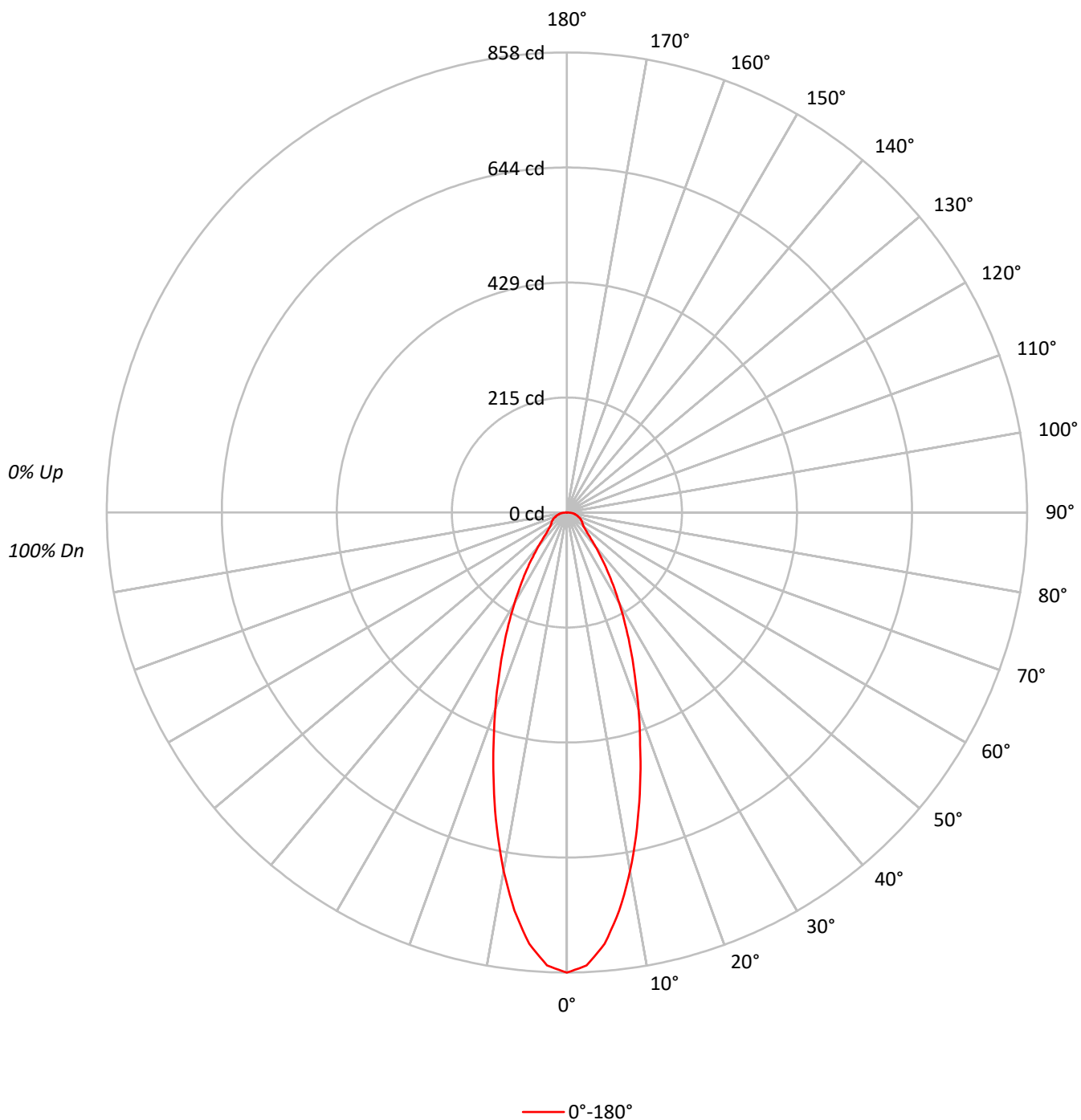
Lumens per Lamp: N/A
Luminaire Lumens: 560.0 lumens
Efficiency: N/A
Efficacy: 38.4 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.65
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	61	57		66	61	57		65
8	76	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°	188165
5°	177768
10°	151099
15°	119683
20°	90961
25°	67843
30°	49349
35°	34907
40°	23673
45°	16529
50°	13884
55°	13419
60°	14122
65°	14528
70°	14361
75°	15420
80°	17679
85°	17612

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 18816 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	72.9	13.0
10°-20°	145.9	26.1
20°-30°	129.2	23.1
30°-40°	82.3	14.7
40°-50°	43.6	7.8
50°-60°	32.0	5.7
60°-70°	27.2	4.9
70°-80°	19.2	3.4
80°-90°	7.6	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°	348.0	62.2
0°-40°	430.3	76.8
0°-60°	505.9	90.3
0°-90°	560.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	560.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	858	
5°	808	73
15°	527	146
25°	280	129
35°	130	82
45°	53	44
55°	35	32
65°	28	27
75°	18	19
85°	7	8
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	858.1
2.5°	845.5
5°	807.6
7.5°	748.7
10°	678.6
12.5°	602.9
15°	527.2
17.5°	454.3
20°	389.8
22.5°	330.9
25°	280.4
27.5°	235.6
30°	194.9
32.5°	159.8
35°	130.4
37.5°	103.8
40°	82.7
42.5°	65.9
45°	53.3
47.5°	46.3
50°	40.7
52.5°	37.9
55°	35.1
57.5°	33.7
60°	32.2
62.5°	29.4
65°	28.0
67.5°	25.2
70°	22.4
72.5°	21.0
75°	18.2
77.5°	15.4
80°	14.0
82.5°	11.2
85°	7.0
87.5°	2.8
90°	0.0

(END OF REPORT)