

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: P1251947

Luminaire Tested: P3AS13R259030DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251947
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R259030DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

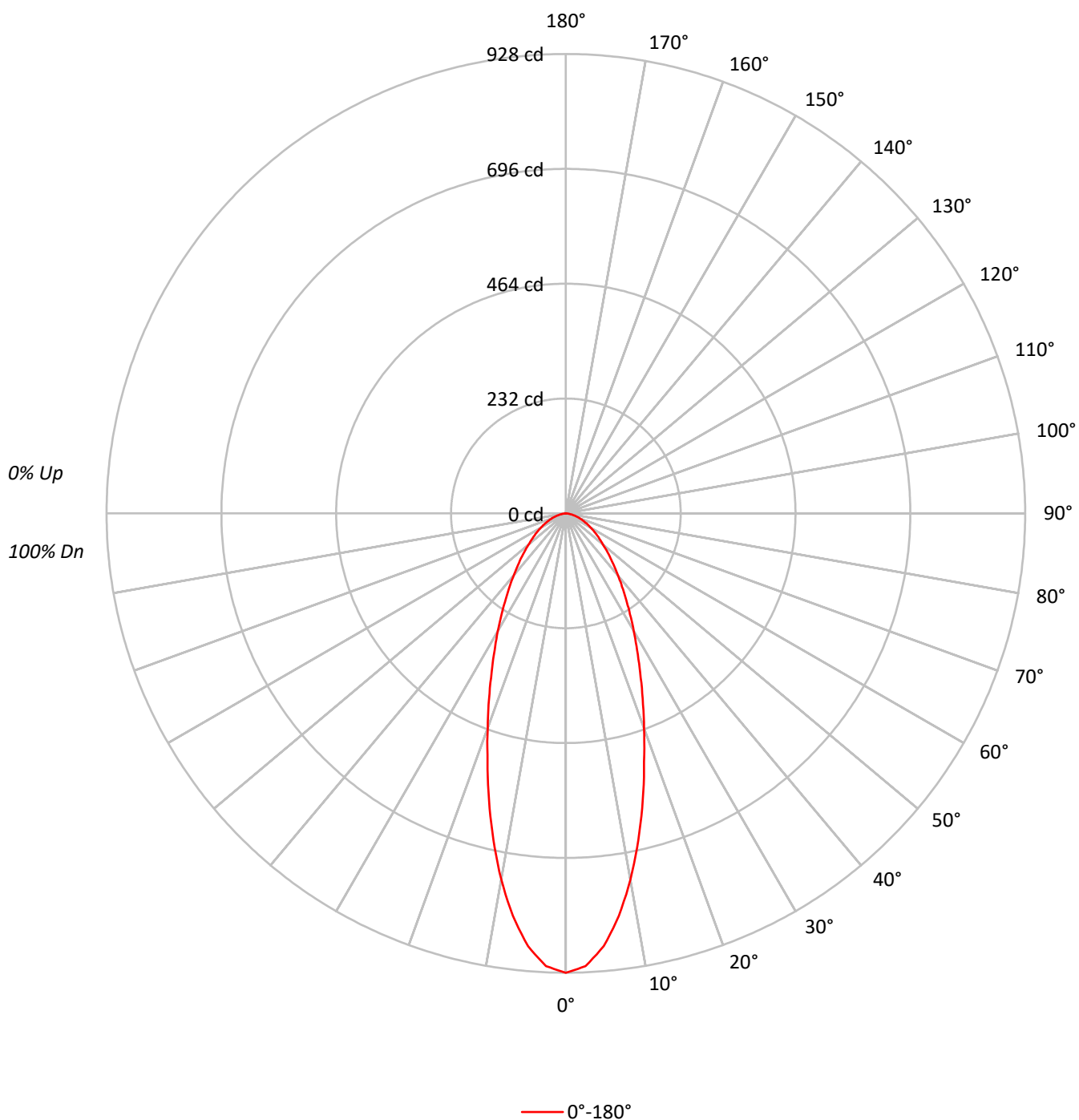
Lumens per Lamp: N/A
Luminaire Lumens: 780.0 lumens
Efficiency: N/A
Efficacy: 53.4 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	112	108	105	102	109	106	103	100	102	99	97	98	96	94	95	93	92	90		
2	104	98	93	89	102	96	92	88	93	89	86	90	87	84	87	84	82	80		
3	97	89	83	78	95	88	82	77	85	80	76	83	78	75	80	77	74	72		
4	91	82	75	70	89	81	74	69	78	73	69	76	72	68	74	70	67	65		
5	86	76	68	63	84	75	68	63	73	67	62	71	66	62	69	65	61	59		
6	81	70	63	58	79	69	62	57	68	62	57	66	61	57	65	60	56	55		
7	76	65	58	53	75	64	58	53	63	57	53	62	56	52	61	56	52	50		
8	72	61	54	49	71	60	54	49	59	53	49	58	53	49	57	52	48	47		
9	68	57	50	46	67	57	50	46	56	50	46	55	49	45	54	49	45	44		
10	65	54	47	43	64	53	47	43	52	47	43	52	46	43	51	46	42	41		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	203514
5°	193176
10°	167332
15°	136232
20°	107646
25°	85819
30°	69580
35°	56670
40°	46945
45°	39570
50°	33466
55°	29476
60°	25831
65°	22571
70°	19747
75°	16606
80°	12375
85°	7045

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 39570 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	79.7	10.2
10°-20°	166.4	21.3
20°-30°	164.0	21.0
30°-40°	133.5	17.1
40°-50°	99.1	12.7
50°-60°	69.1	8.9
60°-70°	43.3	5.6
70°-80°	20.8	2.7
80°-90°	4.0	0.5
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°	410.1	52.6
0°-40°	543.6	69.7
0°-60°	711.8	91.3
0°-90°	780.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	780.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	928	
5°	878	80
15°	600	166
25°	355	164
35°	212	134
45°	128	99
55°	77	69
65°	44	43
75°	20	21
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	928.1
2.5°	915.5
5°	877.6
7.5°	820.2
10°	751.5
12.5°	675.8
15°	600.1
17.5°	525.7
20°	461.3
22.5°	405.2
25°	354.7
27.5°	311.2
30°	274.8
32.5°	241.1
35°	211.7
37.5°	186.5
40°	164.0
42.5°	144.4
45°	127.6
47.5°	112.2
50°	98.1
52.5°	86.9
55°	77.1
57.5°	67.3
60°	58.9
62.5°	50.5
65°	43.5
67.5°	36.5
70°	30.8
72.5°	25.2
75°	19.6
77.5°	14.0
80°	9.8
82.5°	5.6
85°	2.8
87.5°	1.4
90°	0.0

(END OF REPORT)