

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: P1287460

Luminaire Tested: P3AS17R259030D2WDE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287460
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: P3AS17R259030D2WDE010 E3PHLD1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,
E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

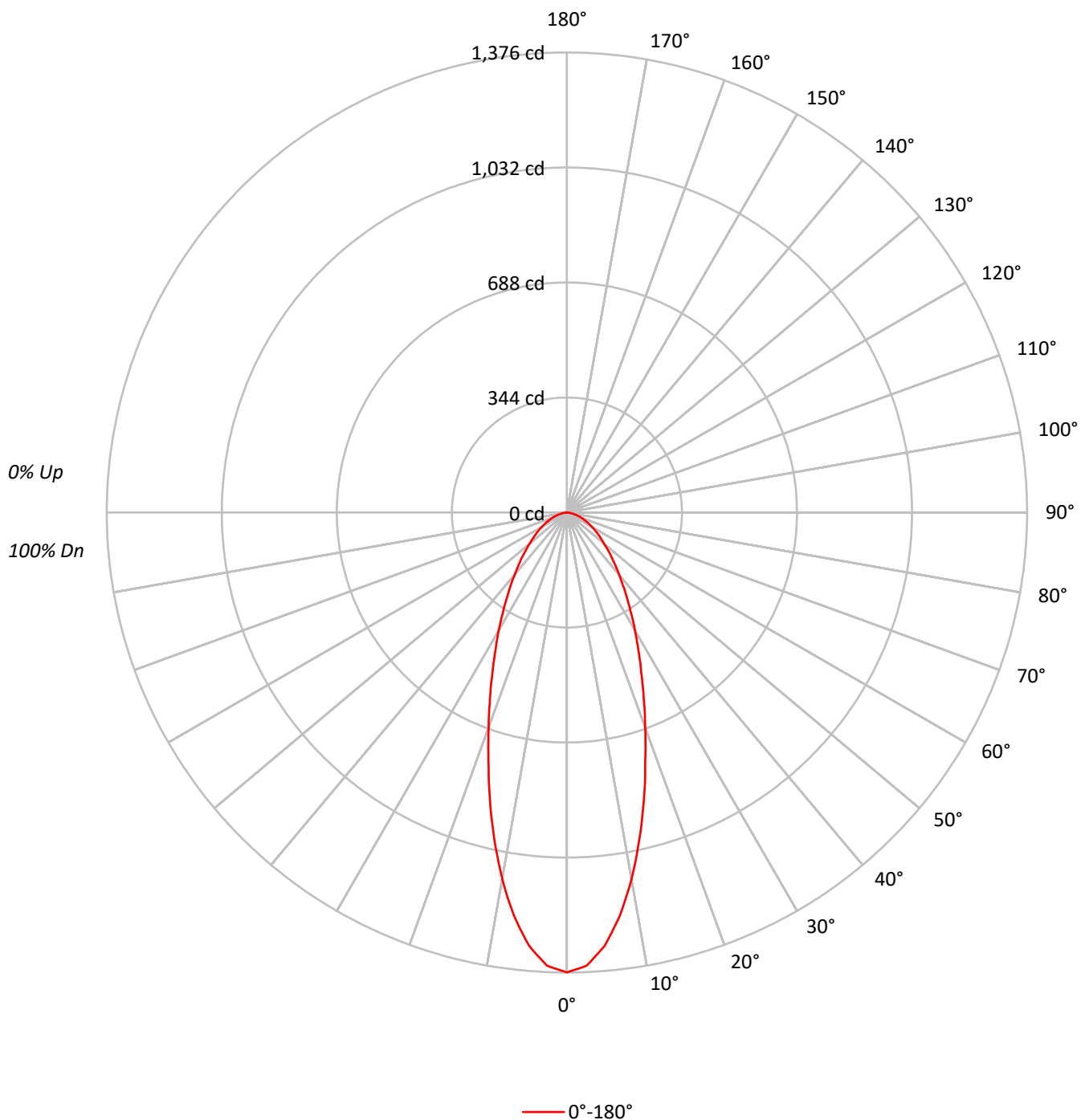
Lumens per Lamp: N/A
Luminaire Lumens: 1156.0 lumens
Efficiency: N/A
Efficacy: 42.3 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.3
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	104	98	93	89	102	96	92	88	93	89	86		90	87	84		87
3	97	89	83	78	95	88	82	77	85	80	76		83	78	75		80
4	91	82	75	70	89	81	74	69	78	73	69		76	72	68		74
5	86	76	68	63	84	75	68	63	73	67	62		71	66	62		69
6	81	70	63	58	79	69	62	57	68	62	57		66	61	57		65
7	76	65	58	53	75	64	58	53	63	57	53		62	56	52		61
8	72	61	54	49	71	60	54	49	59	53	49		58	53	49		57
9	68	57	50	46	67	57	50	46	56	50	46		55	49	45		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	43		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	301621
5°	286308
10°	247980
15°	201885
20°	159521
25°	127193
30°	103130
35°	84002
40°	69588
45°	58642
50°	49602
55°	43697
60°	38286
65°	33415
70°	29300
75°	24655
80°	18310
85°	10567

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 58642 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	118.1	10.2
10°-20°	246.6	21.3
20°-30°	243.1	21.0
30°-40°	197.9	17.1
40°-50°	146.8	12.7
50°-60°	102.5	8.9
60°-70°	64.2	5.6
70°-80°	30.9	2.7
80°-90°	5.9	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°	607.8	52.6
0°-40°	805.7	69.7
0°-60°	1055.0	91.3
0°-90°	1156.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1156.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1376	
5°	1301	118
15°	889	247
25°	526	243
35°	314	198
45°	189	147
55°	114	102
65°	64	64
75°	29	31
85°	4	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1375.5
2.5°	1356.8
5°	1300.7
7.5°	1215.5
10°	1113.7
12.5°	1001.5
15°	889.3
17.5°	779.2
20°	683.6
22.5°	600.5
25°	525.7
27.5°	461.3
30°	407.3
32.5°	357.4
35°	313.8
37.5°	276.4
40°	243.1
42.5°	214.0
45°	189.1
47.5°	166.2
50°	145.4
52.5°	128.8
55°	114.3
57.5°	99.7
60°	87.3
62.5°	74.8
65°	64.4
67.5°	54.0
70°	45.7
72.5°	37.4
75°	29.1
77.5°	20.8
80°	14.5
82.5°	8.3
85°	4.2
87.5°	2.1
90°	0.0

(END OF REPORT)