

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: P1257789

Luminaire Tested: P3AS17R359040DE010 E3DLD1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257789
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R359040DE010 E3DLD1WMH
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 90CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

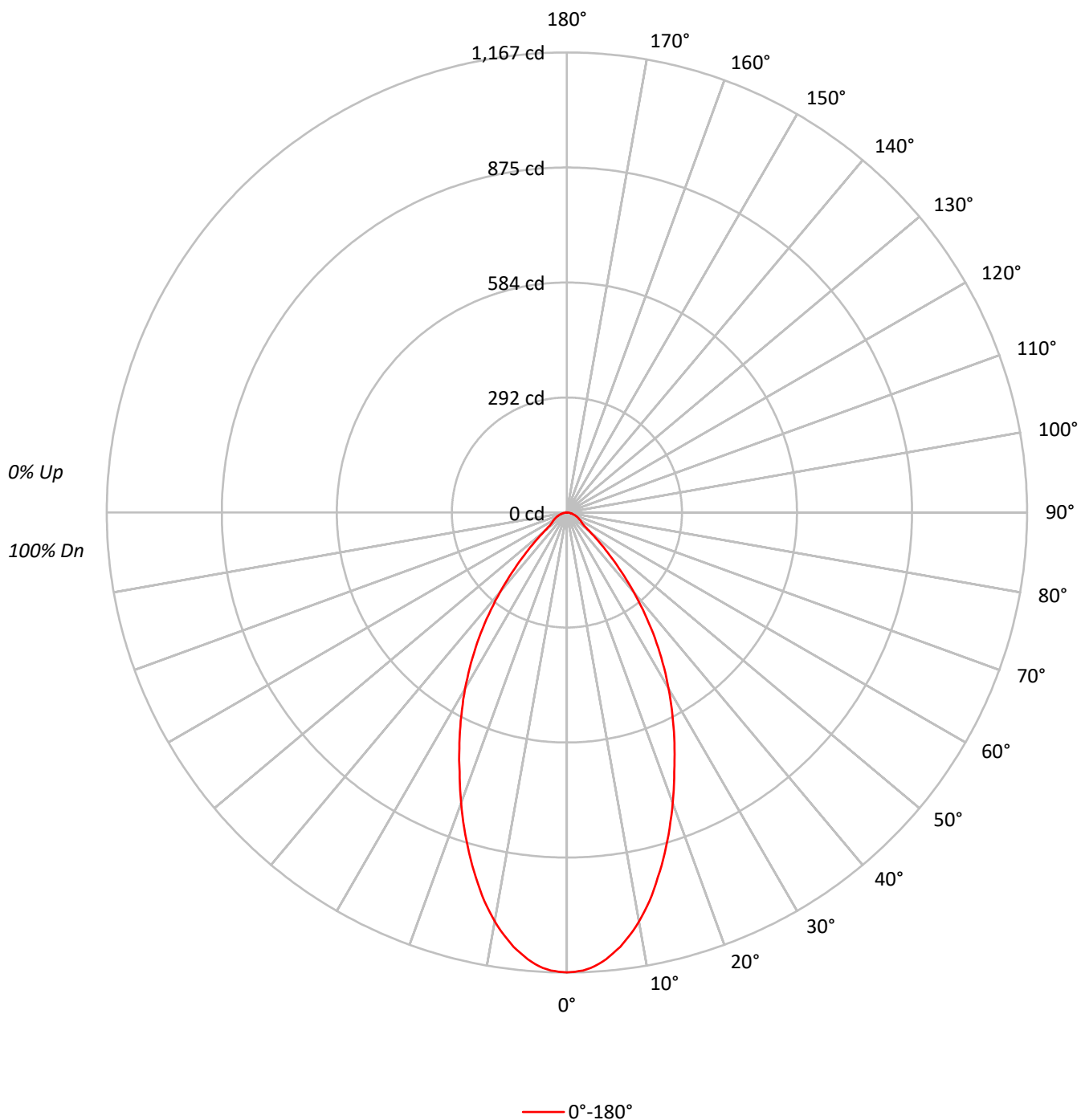
Lumens per Lamp: N/A
Luminaire Lumens: 1120.0 lumens
Efficiency: N/A
Efficacy: 52.8 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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	109	106	104	110	107	104	102	103	101	99		99	98	96		96
2	106	100	96	92	104	98	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	81	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	75	72		78
5	89	79	73	68	87	78	72	67	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	61		70	65	61		68
7	79	69	62	57	78	68	62	57	67	61	57		65	60	57		64
8	75	64	58	53	74	64	57	53	63	57	53		62	56	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	51	46	66	56	50	46	56	50	46		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	255835
5°	250429
10°	234509
15°	210512
20°	183113
25°	156057
30°	130704
35°	104106
40°	75284
45°	47633
50°	25961
55°	18007
60°	17016
65°	15773
70°	15067
75°	12878
80°	12249
85°	10567

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 47633 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	105.9	9.5
10°-20°	258.0	23.0
20°-30°	295.7	26.4
30°-40°	241.3	21.5
40°-50°	121.7	10.9
50°-60°	45.2	4.0
60°-70°	30.3	2.7
70°-80°	16.8	1.5
80°-90°	5.1	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°	659.6	58.9
0°-40°	901.0	80.4
0°-60°	1067.8	95.3
0°-90°	1120.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1120.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1167	
5°	1138	106
15°	927	258
25°	645	296
35°	389	241
45°	154	122
55°	47	45
65°	30	30
75°	15	17
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1166.7
1°	1165.3
2°	1162.6
3°	1157.0
4°	1148.7
5°	1137.7
6°	1123.8
7°	1110.0
8°	1092.0
9°	1074.0
10°	1053.2
11°	1031.1
12°	1007.6
13°	981.3
14°	953.6
15°	927.3
17.5°	856.7
20°	784.7
22.5°	711.4
25°	645.0
27.5°	579.9
30°	516.2
32.5°	452.6
35°	388.9
37.5°	325.2
40°	263.0
42.5°	204.8
45°	153.6
47.5°	110.7
50°	76.1
52.5°	55.4
55°	47.1
57.5°	42.9
60°	38.8
62.5°	34.6
65°	30.4
67.5°	26.3
70°	23.5
72.5°	19.4
75°	15.2
77.5°	12.5
80°	9.7
82.5°	6.9
85°	4.2
87.5°	2.8



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)