

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: P1287569

Luminaire Tested: P3AS17R459030D2WDE010 E3DLD1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287569
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-26)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R459030D2WDE010 E3DLD1WMH
Description: 3in Adjustable Dim to Warm LED luminaire with, R45 optic, 3000K CCT AND, 90CRI ,
E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

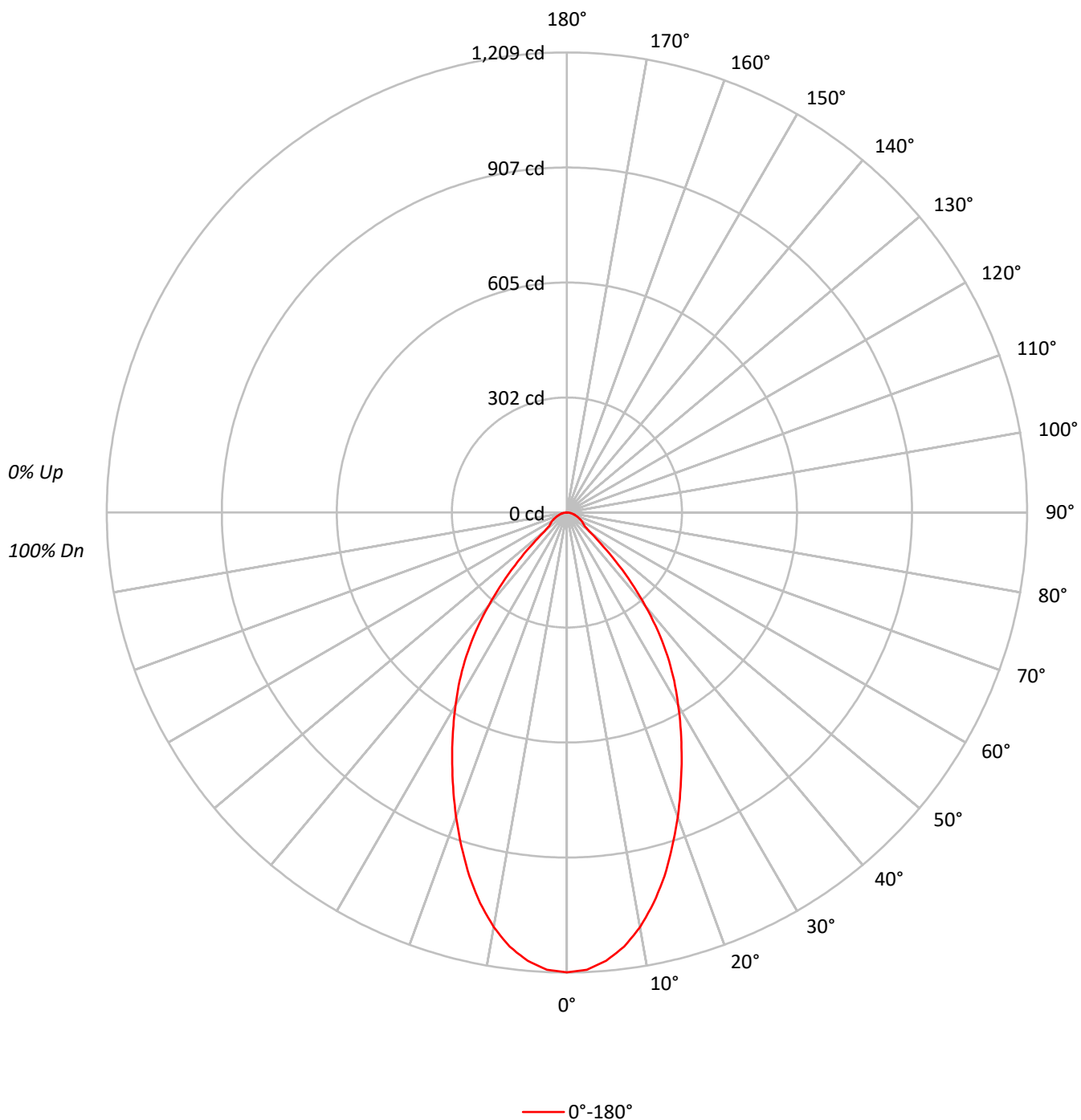
Lumens per Lamp: N/A
Luminaire Lumens: 1250.0 lumens
Efficiency: N/A
Efficacy: 45.8 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	109	106	104	110	107	104	102	103	101	99		99	97	96		96
2	106	100	95	91	103	98	94	90	95	91	88		92	89	86		89
3	99	92	86	82	97	90	85	81	88	83	80		85	81	78		83
4	94	85	78	74	92	84	78	73	81	76	72		79	75	71		77
5	88	79	72	67	86	78	71	67	76	70	66		74	69	65		72
6	83	73	66	61	81	72	66	61	71	65	61		69	64	60		68
7	78	68	61	57	77	67	61	56	66	60	56		65	60	56		64
8	74	64	57	52	73	63	57	52	62	56	52		61	56	52		60
9	70	60	53	49	69	59	53	49	58	52	48		57	52	48		56
10	67	56	50	45	66	56	49	45	55	49	45		54	49	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	265023
5°	260334
10°	246333
15°	224678
20°	198677
25°	172534
30°	148099
35°	123406
40°	91944
45°	56285
50°	26029
55°	20377
60°	19604
65°	17953
70°	16605
75°	15843
80°	14522
85°	10819

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 56285 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	110.5	8.8
10°-20°	275.5	22.0
20°-30°	327.4	26.2
30°-40°	284.5	22.8
40°-50°	142.7	11.4
50°-60°	49.5	4.0
60°-70°	34.7	2.8
70°-80°	19.4	1.5
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°	713.4	57.1
0°-40°	997.9	79.8
0°-60°	1190.0	95.2
0°-90°	1250.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1250.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1209	
5°	1183	110
15°	990	276
25°	713	327
35°	461	284
45°	182	143
55°	53	50
65°	35	35
75°	19	19
85°	4	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1208.6
2.5°	1202.9
5°	1182.7
7.5°	1151.0
10°	1106.3
12.5°	1051.6
15°	989.7
17.5°	920.5
20°	851.4
22.5°	780.8
25°	713.1
27.5°	648.2
30°	584.9
32.5°	524.4
35°	461.0
37.5°	393.3
40°	321.2
42.5°	250.7
45°	181.5
47.5°	119.6
50°	76.3
52.5°	59.1
55°	53.3
57.5°	49.0
60°	44.7
62.5°	40.3
65°	34.6
67.5°	30.3
70°	25.9
72.5°	21.6
75°	18.7
77.5°	14.4
80°	11.5
82.5°	8.6
85°	4.3
87.5°	2.9
90°	0.0

(END OF REPORT)