

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: P1255685

Luminaire Tested: P3A24R209035D010 E3DLD1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255685
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A24R209035D010 E3DLD1WMH
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 90CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

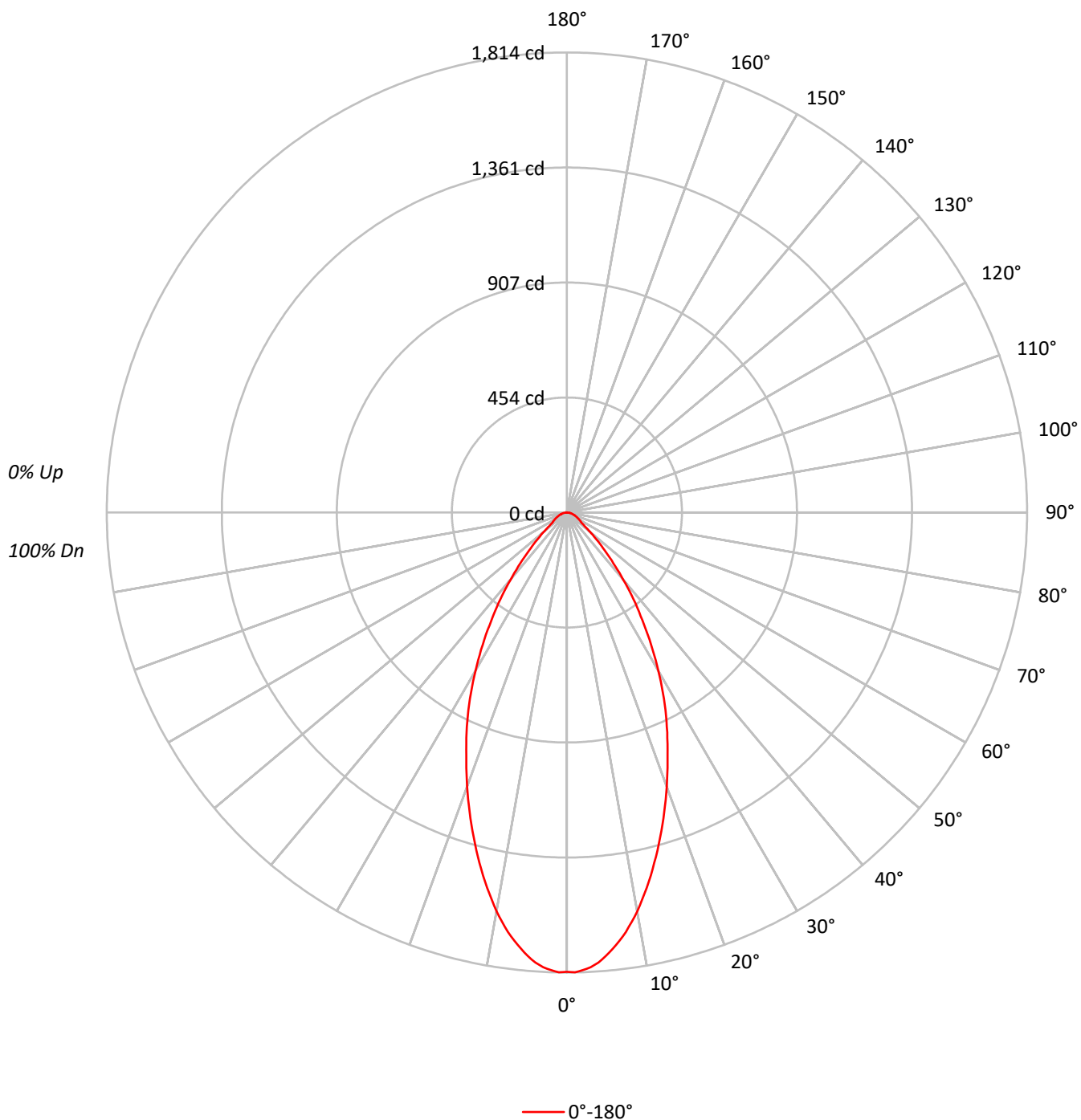
Lumens per Lamp: N/A
Luminaire Lumens: 1606.0 lumens
Efficiency: N/A
Efficacy: 55.8 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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	113	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		90
3	100	93	87	82	98	91	86	82	88	84	80		86	82	79		84
4	94	86	79	75	92	85	79	74	82	77	73		80	76	72		78
5	89	80	73	68	87	79	73	68	77	71	67		75	70	67		73
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		69
7	80	69	63	58	78	69	62	58	67	62	58		66	61	57		65
8	75	65	59	54	74	64	58	54	63	58	54		62	57	53		61
9	72	61	55	50	70	61	55	50	60	54	50		59	54	50		58
10	68	58	51	47	67	57	51	47	56	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	397249
5°	386638
10°	355683
15°	313078
20°	268497
25°	225569
30°	182332
35°	138718
40°	98699
45°	65154
50°	40357
55°	26532
60°	24165
65°	22207
70°	20901
75°	18978
80°	18058
85°	15347

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 65154 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	162.5	10.1
10°-20°	383.9	23.9
20°-30°	426.1	26.5
30°-40°	325.1	20.2
40°-50°	166.5	10.4
50°-60°	68.4	4.3
60°-70°	42.6	2.7
70°-80°	23.9	1.5
80°-90°	6.9	0.4
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°	972.6	60.6
0°-40°	1297.7	80.8
0°-60°	1532.5	95.4
0°-90°	1606.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1606.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1812	
5°	1756	162
15°	1379	384
25°	932	426
35°	518	325
45°	210	166
55°	69	68
65°	43	43
75°	22	24
85°	6	7
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1811.6
1°	1813.6
2°	1805.5
3°	1795.3
4°	1778.9
5°	1756.5
6°	1730.0
7°	1701.4
8°	1670.8
9°	1634.1
10°	1597.4
12.5°	1491.3
15°	1379.1
17.5°	1264.8
20°	1150.6
22.5°	1036.4
25°	932.3
27.5°	828.3
30°	720.1
32.5°	618.1
35°	518.2
37.5°	430.5
40°	344.8
42.5°	271.3
45°	210.1
47.5°	159.1
50°	118.3
52.5°	87.7
55°	69.4
57.5°	63.2
60°	55.1
62.5°	49.0
65°	42.8
67.5°	36.7
70°	32.6
72.5°	26.5
75°	22.4
77.5°	18.4
80°	14.3
82.5°	10.2
85°	6.1
87.5°	2.0
90°	0.0

(END OF REPORT)