

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: P1273262

Luminaire Tested: P3A05R209830DE010 E3CD1MB

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273262
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R209830DE010 E3CD1MB
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 98CRI , E3CD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

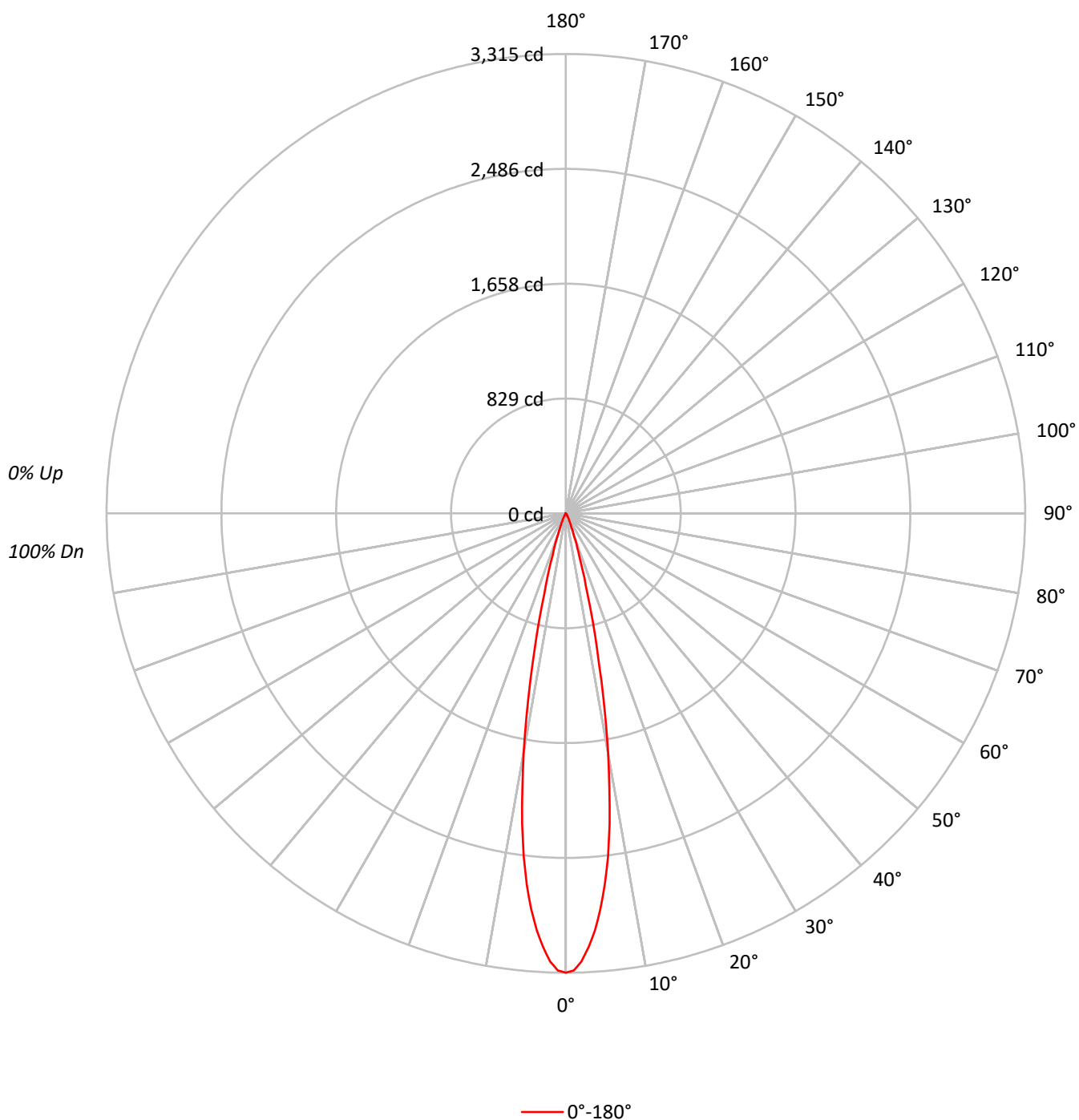
Lumens per Lamp: N/A
Luminaire Lumens: 468.0 lumens
Efficiency: N/A
Efficacy: 65.0 lumens/watt
Spacing Criteria (0/90/45): 0.35 / 0.35 / 0.34
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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	116	114	112	110	113	112	110	109	108	106	105		104	103	102		101
2	112	109	106	104	110	108	105	103	104	103	101		102	100	99		99
3	109	105	102	100	108	104	101	99	102	99	97		99	98	96		97
4	107	102	99	96	105	101	98	96	99	97	94		97	95	93		96
5	104	99	96	93	103	98	95	93	97	94	92		95	93	91		94
6	102	97	93	91	101	96	93	90	95	92	90		94	91	89		93
7	100	94	91	88	99	94	91	88	93	90	88		92	89	87		91
8	98	92	89	86	97	92	89	86	91	88	86		90	88	86		89
9	96	90	87	85	95	90	87	85	89	86	84		89	86	84		88
10	94	89	85	83	93	88	85	83	88	85	83		87	84	83		86

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	726850
5°	630881
10°	389817
15°	135392
20°	41584
25°	14711
30°	5444
35°	2168
40°	1174
45°	465
50°	239
55°	268
60°	307
65°	208
70°	256
75°	339
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 465 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	237.9	50.8
10°-20°	188.7	40.3
20°-30°	32.7	7.0
30°-40°	5.9	1.3
40°-50°	1.4	0.3
50°-60°	0.6	0.1
60°-70°	0.4	0.1
70°-80°	0.4	0.1
80°-90°	0.0	0.0
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°	459.3	98.1
0°-40°	465.2	99.4
0°-60°	467.2	99.8
0°-90°	468.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	468.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3315	
5°	2866	238
15°	596	189
25°	61	33
35°	8	6
45°	2	1
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	3314.7
1°	3298.8
2°	3235.8
3°	3134.7
4°	3016.2
5°	2866.1
6°	2694.2
7°	2494.2
8°	2266.4
9°	2010.4
10°	1750.7
12.5°	1104.3
15°	596.4
17.5°	318.6
20°	178.2
22.5°	101.9
25°	60.8
27.5°	37.0
30°	21.5
32.5°	12.6
35°	8.1
37.5°	5.6
40°	4.1
42.5°	2.6
45°	1.5
47.5°	0.7
50°	0.7
52.5°	0.7
55°	0.7
57.5°	0.7
60°	0.7
62.5°	0.4
65°	0.4
67.5°	0.4
70°	0.4
72.5°	0.4
75°	0.4
77.5°	0.4
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)