

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: P1246910

Luminaire Tested: P3A13R359024DE010 E3CB1MB

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246910
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-20)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R359024DE010 E3CB1MB
Description: 3in Adjustable LED luminaire with, R35 optic, 2400K CCT AND, 90CRI , E3CB1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

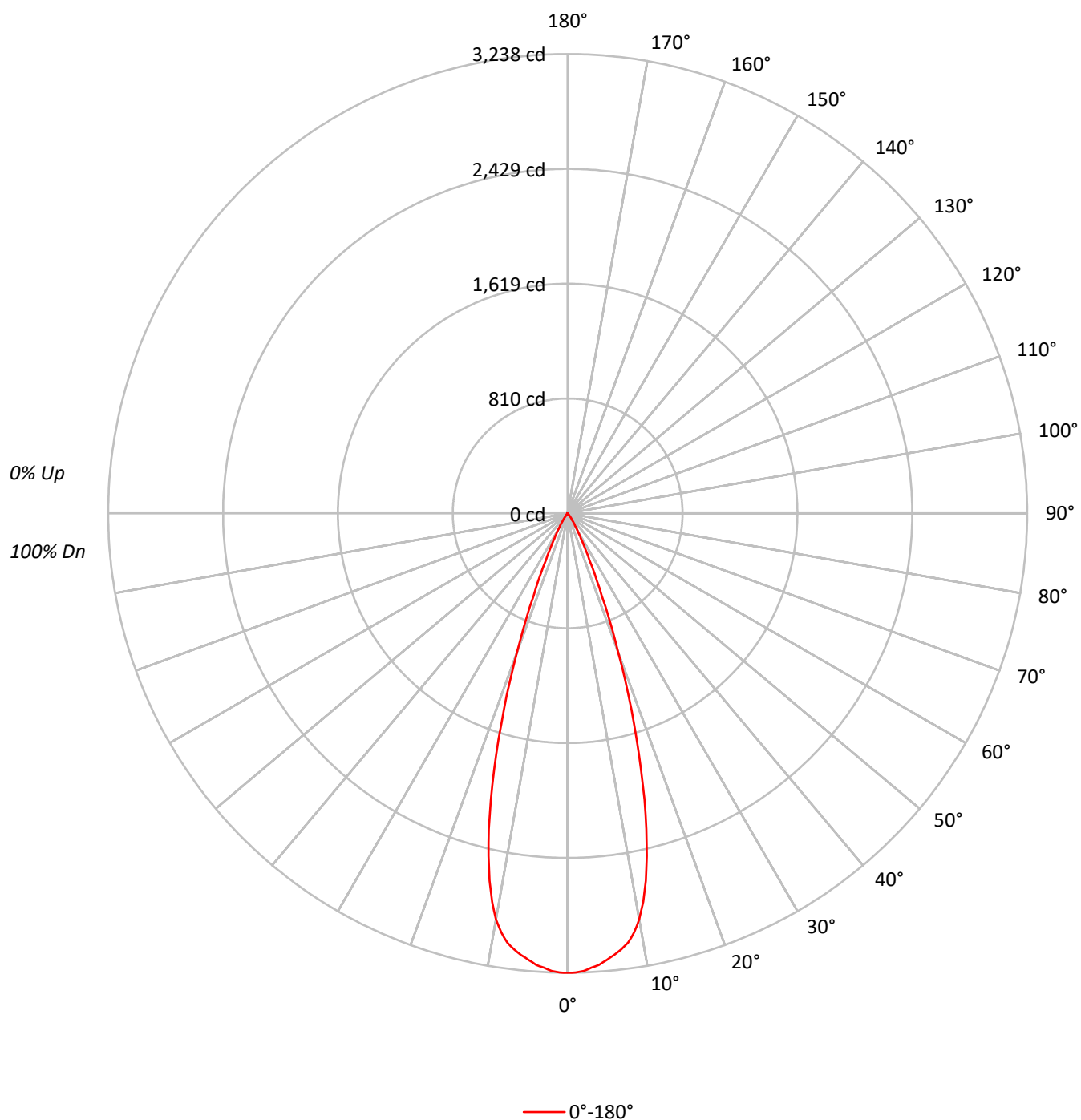
Lumens per Lamp: N/A
Luminaire Lumens: 1089.0 lumens
Efficiency: N/A
Efficacy: 74.6 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.52
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	115	113	111	109	112	110	109	107	106	105	104	103	102	101	99	99	98	96		
2	111	107	104	101	109	105	103	100	102	100	98	99	98	96	97	95	94	93		
3	107	102	98	95	105	101	97	95	98	96	93	96	94	92	94	92	90	89		
4	104	98	94	91	102	97	93	90	95	92	89	93	90	88	91	89	87	86		
5	100	94	90	87	99	93	89	86	92	88	86	90	87	85	89	86	84	83		
6	97	91	86	83	96	90	86	83	89	85	82	87	84	82	86	83	81	80		
7	94	87	83	80	93	87	83	80	86	82	79	85	81	79	84	81	79	78		
8	91	84	80	77	90	84	80	77	83	79	77	82	79	76	81	78	76	75		
9	89	82	77	74	88	81	77	74	80	77	74	80	76	74	79	76	74	73		
10	86	79	75	72	85	79	75	72	78	74	72	77	74	72	77	74	71	70		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	710097
5°	695640
10°	647149
15°	474464
20°	242944
25°	87562
30°	34081
35°	11939
40°	4924
45°	1333
50°	1160
55°	1300
60°	1140
65°	882
70°	1090
75°	1440
80°	1137
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 1512 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	294.6	27.1
10°-20°	552.8	50.8
20°-30°	195.7	18.0
30°-40°	34.3	3.1
40°-50°	5.0	0.5
50°-60°	2.8	0.3
60°-70°	2.0	0.2
70°-80°	1.5	0.1
80°-90°	0.4	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°	1043.1	95.8
0°-40°	1077.4	98.9
0°-60°	1085.2	99.6
0°-90°	1089.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1089.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3238	
5°	3160	295
15°	2090	553
25°	362	196
35°	45	34
45°	4	5
55°	3	3
65°	2	2
75°	2	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	3238.3
1°	3237.5
2°	3227.2
3°	3207.4
4°	3189.4
5°	3160.3
6°	3130.3
7°	3096.8
8°	3055.6
9°	2991.3
10°	2906.4
11°	2788.9
12°	2647.4
13°	2479.3
14°	2294.1
15°	2090.0
17.5°	1556.6
20°	1041.1
22.5°	627.8
25°	361.9
27.5°	216.1
30°	134.6
32.5°	78.0
35°	44.6
37.5°	28.3
40°	17.2
42.5°	8.6
45°	4.3
47.5°	3.4
50°	3.4
52.5°	3.4
55°	3.4
57.5°	2.6
60°	2.6
62.5°	2.6
65°	1.7
67.5°	1.7
70°	1.7
72.5°	1.7
75°	1.7
77.5°	0.9
80°	0.9
82.5°	0.9
85°	0.0
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)