

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: P1258461

Luminaire Tested: P3AS24R359040D010 E3CB1MB

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258461
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: P3AS24R359040D010 E3CB1MB
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 90CRI , E3CB1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

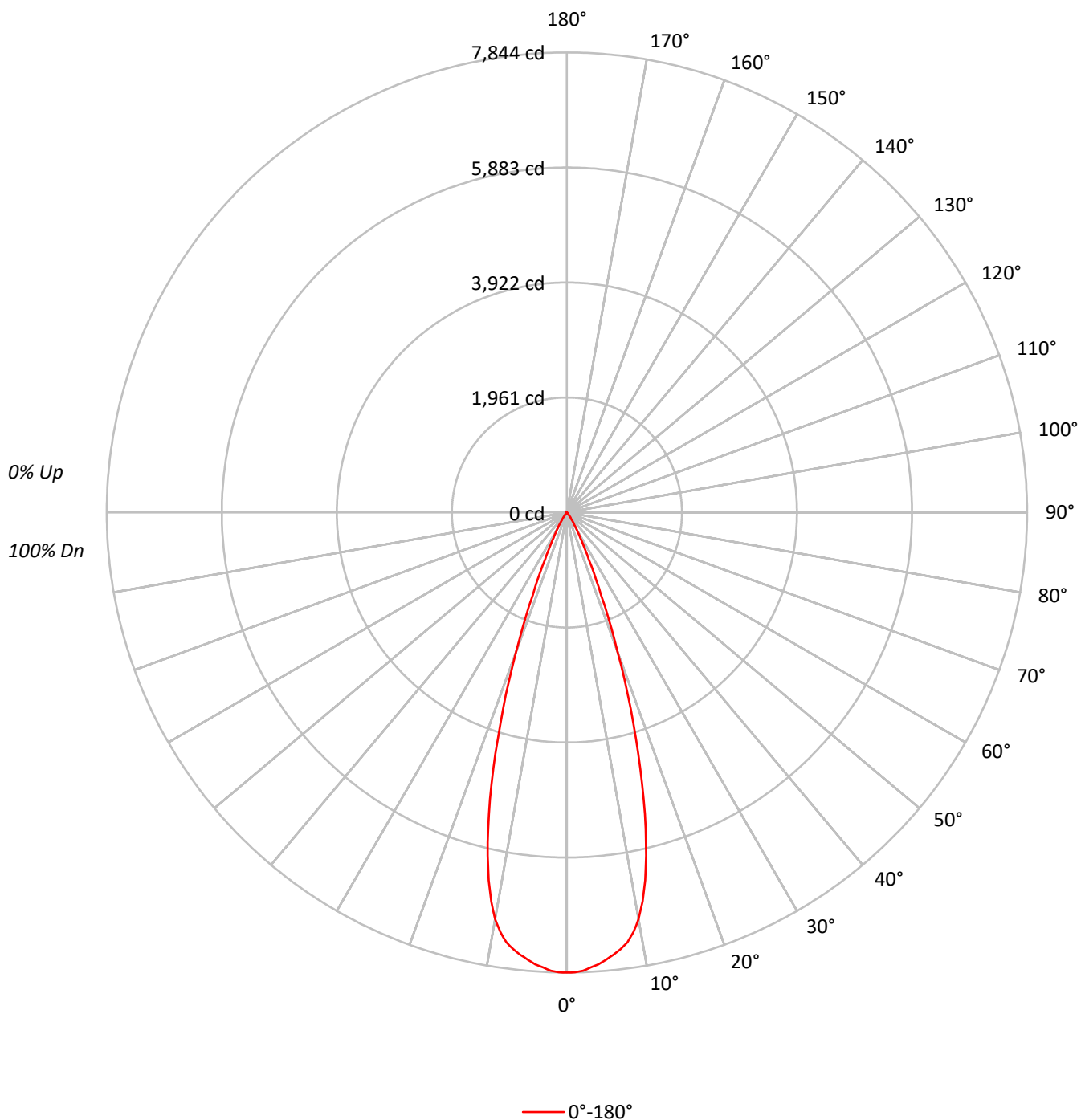
Lumens per Lamp: N/A
Luminaire Lumens: 2638.0 lumens
Efficiency: N/A
Efficacy: 91.6 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.52
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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

TEST NUMBER: P1258461

CATALOG NUMBER: P3AS24R359040D010 E3CB1MB

Luminous Intensity Polar Plot



TEST NUMBER: P1258461

CATALOG NUMBER: P3AS24R359040D010 E3CB1MB

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	115	113	111	109	112	110	109	107	106	105	104		103	102	101		99
2	111	107	104	101	109	105	103	100	102	100	98		99	98	96		97
3	107	102	98	95	105	101	97	95	98	96	93		96	94	92		94
4	104	98	94	91	102	97	93	90	95	92	89		93	90	88		91
5	100	94	90	87	99	93	89	86	92	88	86		90	87	85		89
6	97	91	86	83	96	90	86	83	89	85	82		87	84	82		86
7	94	87	83	80	93	87	83	80	86	82	79		85	81	79		84
8	91	84	80	77	90	84	80	77	83	79	77		82	79	76		81
9	89	82	77	74	88	81	77	74	80	77	74		80	76	74		79
10	86	79	75	72	85	79	75	72	78	74	72		77	74	72		77

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1720147
5°	1685116
10°	1567662
15°	1149337
20°	588518
25°	212117
30°	82595
35°	28911
40°	11879
45°	3225
50°	2831
55°	3173
60°	2719
65°	2179
70°	2693
75°	3558
80°	2652
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 75°

Luminance: 3558 cd/sqm

TEST NUMBER: P1258461

CATALOG NUMBER: P3AS24R359040D010 E3CB1MB

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	713.7	27.1
10°-20°	1339.0	50.8
20°-30°	474.1	18.0
30°-40°	83.0	3.1
40°-50°	12.1	0.5
50°-60°	6.7	0.3
60°-70°	4.9	0.2
70°-80°	3.6	0.1
80°-90°	0.9	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°	2526.8	95.8
0°-40°	2609.8	98.9
0°-60°	2628.7	99.6
0°-90°	2638.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2638.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	7844	
5°	7656	714
15°	5063	1339
25°	877	474
35°	108	83
45°	10	12
55°	8	7
65°	4	5
75°	4	4
85°	0	1
90°	0	

TEST NUMBER: P1258461

CATALOG NUMBER: P3AS24R359040D010 E3CB1MB

CANDELA DISTRIBUTION (FULL):

0°	
0°	7844.5
1°	7842.4
2°	7817.5
3°	7769.7
4°	7726.1
5°	7655.5
6°	7582.8
7°	7501.7
8°	7402.0
9°	7246.2
10°	7040.5
11°	6755.9
12°	6413.1
13°	6006.0
14°	5557.2
15°	5062.8
17.5°	3770.6
20°	2522.0
22.5°	1520.7
25°	876.7
27.5°	523.5
30°	326.2
32.5°	189.0
35°	108.0
37.5°	68.6
40°	41.5
42.5°	20.8
45°	10.4
47.5°	8.3
50°	8.3
52.5°	8.3
55°	8.3
57.5°	6.2
60°	6.2
62.5°	6.2
65°	4.2
67.5°	4.2
70°	4.2
72.5°	4.2
75°	4.2
77.5°	2.1
80°	2.1
82.5°	2.1
85°	0.0
87.5°	0.0



TEST NUMBER: P1258461
CATALOG NUMBER: P3AS24R359040D010 E3CB1MB

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)