

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: P1275424

Luminaire Tested: P3AS05R359835DE010 E3CD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275424
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: P3AS05R359835DE010 E3CD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 98CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

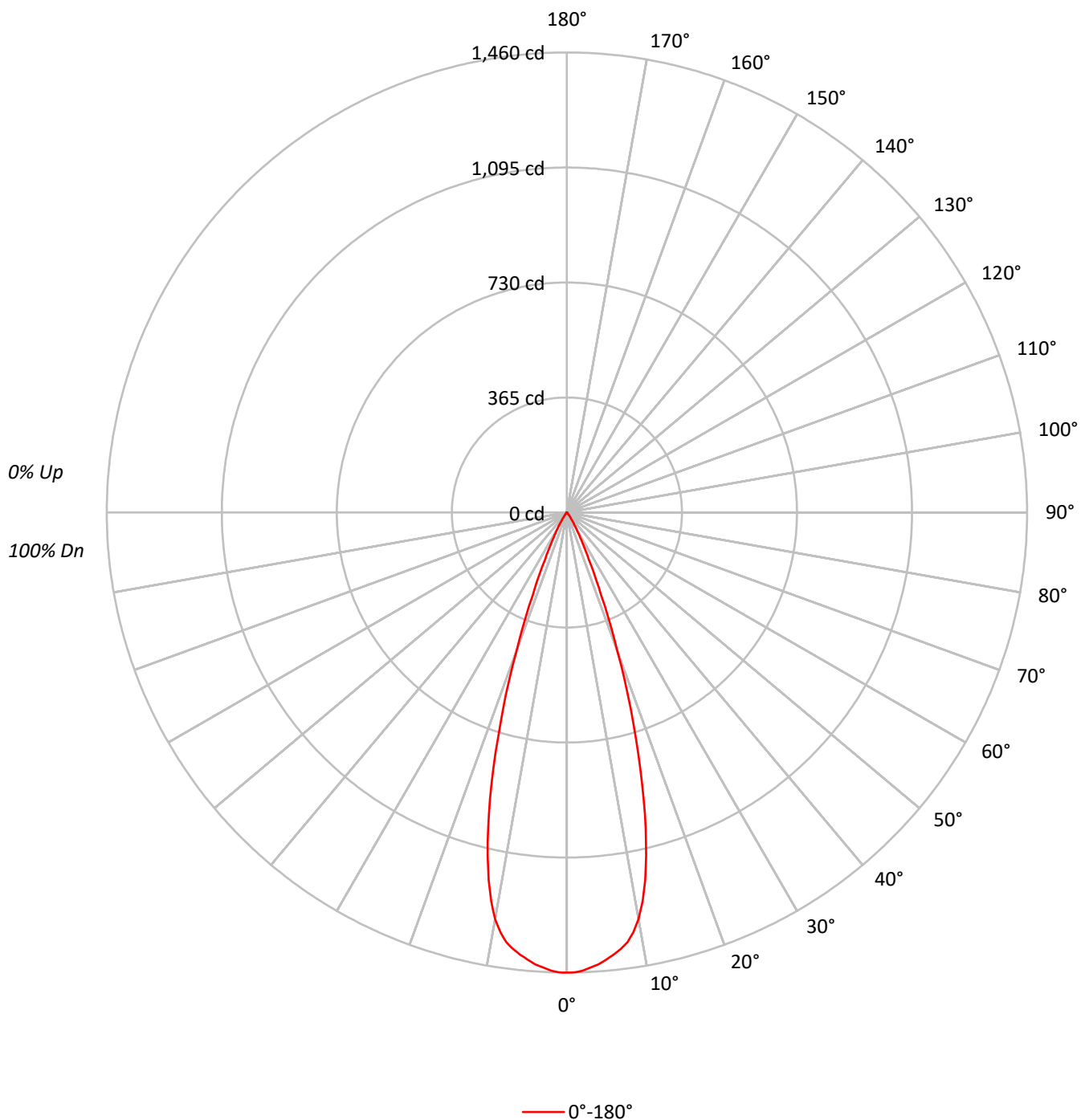
Lumens per Lamp: N/A
Luminaire Lumens: 491.0 lumens
Efficiency: N/A
Efficacy: 68.2 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.52
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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

TEST NUMBER: P1275424

CATALOG NUMBER: P3AS05R359835DE010 E3CD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1275424

CATALOG NUMBER: P3AS05R359835DE010 E3CD1MW

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	77		
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°	320172
5°	313647
10°	291778
15°	213917
20°	109536
25°	39486
30°	15369
35°	5381
40°	2204
45°	589
50°	512
55°	573
60°	526
65°	415
70°	513
75°	678
80°	505
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 75°

Luminance: 678 cd/sqm

TEST NUMBER: P1275424

CATALOG NUMBER: P3AS05R359835DE010 E3CD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	132.8	27.1
10°-20°	249.2	50.8
20°-30°	88.2	18.0
30°-40°	15.5	3.1
40°-50°	2.2	0.5
50°-60°	1.2	0.3
60°-70°	0.9	0.2
70°-80°	0.7	0.1
80°-90°	0.2	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°	470.3	95.8
0°-40°	485.8	98.9
0°-60°	489.2	99.6
0°-90°	491.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	491.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1460	
5°	1425	133
15°	942	249
25°	163	88
35°	20	15
45°	2	2
55°	2	1
65°	1	1
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1275424

CATALOG NUMBER: P3AS05R359835DE010 E3CD1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	1460.1
1°	1459.7
2°	1455.0
3°	1446.1
4°	1438.0
5°	1424.9
6°	1411.3
7°	1396.3
8°	1377.7
9°	1348.7
10°	1310.4
11°	1257.5
12°	1193.7
13°	1117.9
14°	1034.3
15°	942.3
17.5°	701.8
20°	469.4
22.5°	283.0
25°	163.2
27.5°	97.4
30°	60.7
32.5°	35.2
35°	20.1
37.5°	12.8
40°	7.7
42.5°	3.9
45°	1.9
47.5°	1.5
50°	1.5
52.5°	1.5
55°	1.5
57.5°	1.2
60°	1.2
62.5°	1.2
65°	0.8
67.5°	0.8
70°	0.8
72.5°	0.8
75°	0.8
77.5°	0.4
80°	0.4
82.5°	0.4
85°	0.0
87.5°	0.0



TEST NUMBER: P1275424

CATALOG NUMBER: P3AS05R359835DE010 E3CD1MW

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)