

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: P1275297

Luminaire Tested: P3AS05R159835DE010 E3CB1MB

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275297
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-4)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R159835DE010 E3CB1MB
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 98CRI , E3CB1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

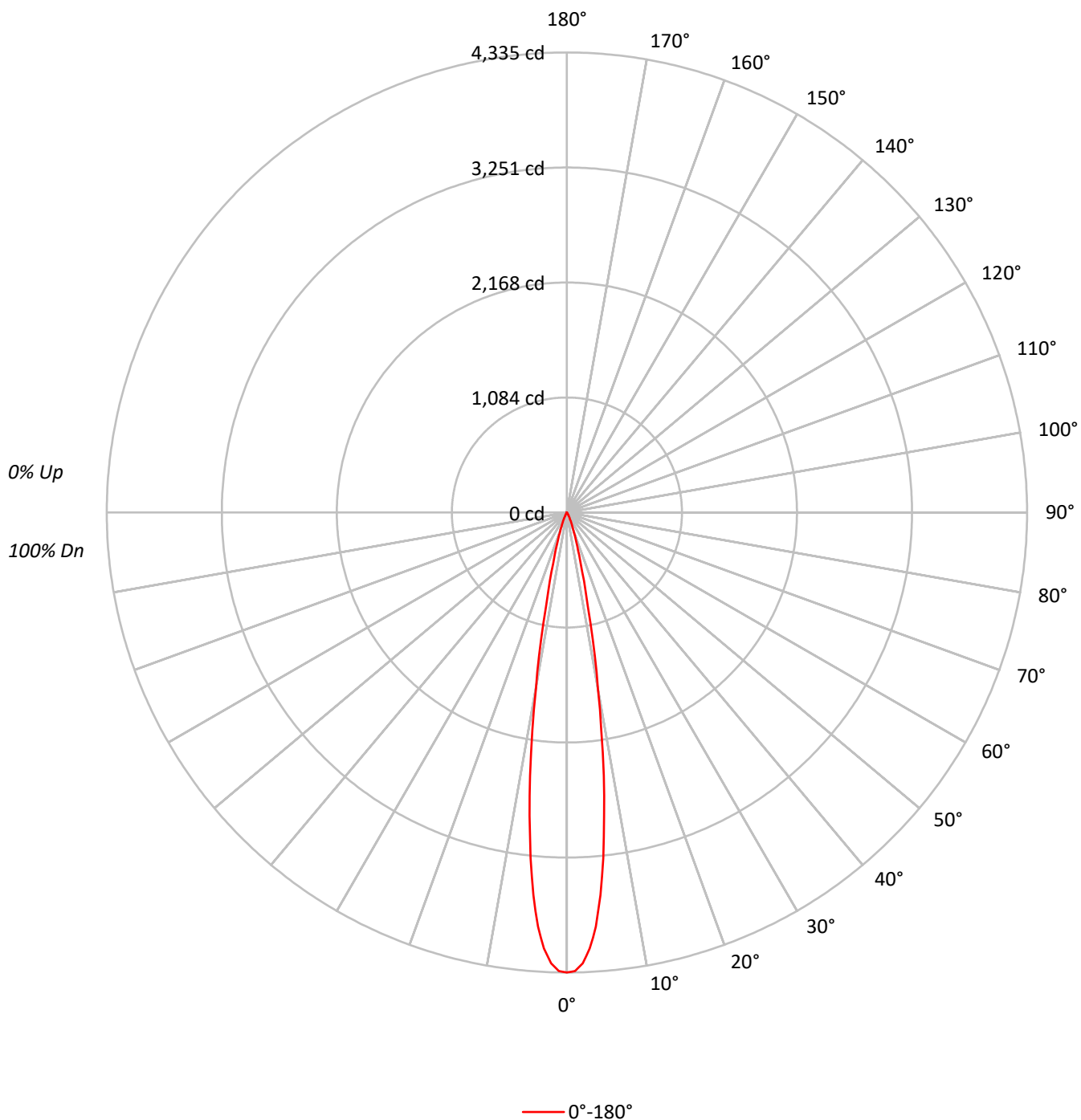
Lumens per Lamp: N/A
Luminaire Lumens: 489.1 lumens
Efficiency: N/A
Efficacy: 67.9 lumens/watt
Spacing Criteria (0/90/45): 0.3 / 0.3 / 0.29
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1275297

CATALOG NUMBER: P3AS05R159835DE010 E3CB1MB

Luminous Intensity Polar Plot



TEST NUMBER: P1275297

CATALOG NUMBER: P3AS05R159835DE010 E3CB1MB

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20					20					20					20					20
RC	80					70					30					10					0
RW	70	50	30	10		70	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
1	116	114	112	111		113	112	110	109		108	107	106		104	103	103		101	100	100
2	113	110	107	105		111	108	106	104		105	103	101		102	101	99		99	98	97
3	110	106	103	100		108	105	102	100		102	100	98		100	98	97		98	97	95
4	107	103	100	97		106	102	99	97		100	97	95		98	96	94		97	95	93
5	105	100	97	94		104	99	96	94		98	95	93		96	94	92		95	93	92
6	103	98	94	92		102	97	94	92		96	93	91		95	92	91		94	92	90
7	101	96	92	90		100	95	92	90		94	91	89		93	91	89		92	90	89
8	99	94	90	88		98	93	90	88		92	90	88		92	89	87		91	89	87
9	97	92	89	87		97	92	89	86		91	88	86		90	88	86		90	87	86
10	96	90	87	85		95	90	87	85		89	87	85		89	86	85		88	86	85

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	950494
5°	796608
10°	375232
15°	113122
20°	41864
25°	16283
30°	6077
35°	1874
40°	658
45°	372
50°	273
55°	306
60°	351
65°	208
70°	256
75°	339
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 372 cd/sqm

TEST NUMBER: P1275297

CATALOG NUMBER: P3AS05R159835DE010 E3CB1MB

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	279.8	57.2
10°-20°	166.3	34.0
20°-30°	34.9	7.1
30°-40°	5.6	1.2
40°-50°	1.0	0.2
50°-60°	0.7	0.1
60°-70°	0.4	0.1
70°-80°	0.3	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°	481.0	98.4
0°-40°	486.7	99.5
0°-60°	488.4	99.9
0°-90°	489.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	489.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4335	
5°	3619	280
15°	498	166
25°	67	35
35°	7	6
45°	1	1
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1275297

CATALOG NUMBER: P3AS05R159835DE010 E3CB1MB

CANDELA DISTRIBUTION (FULL):

0°	
0°	4334.6
1°	4321.1
2°	4252.3
3°	4114.6
4°	3912.8
5°	3619.0
6°	3273.8
7°	2879.1
8°	2502.1
9°	2075.3
10°	1685.2
12.5°	909.3
15°	498.3
17.5°	291.9
20°	179.4
22.5°	109.8
25°	67.3
27.5°	40.6
30°	24.0
32.5°	13.5
35°	7.0
37.5°	3.9
40°	2.3
42.5°	1.5
45°	1.2
47.5°	0.8
50°	0.8
52.5°	0.8
55°	0.8
57.5°	0.8
60°	0.8
62.5°	0.4
65°	0.4
67.5°	0.4
70°	0.4
72.5°	0.4
75°	0.4
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)