

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: P1253413

Luminaire Tested: P3AS02R209035DE010 E3CD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253413
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: P3AS02R209035DE010 E3CD1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 90CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

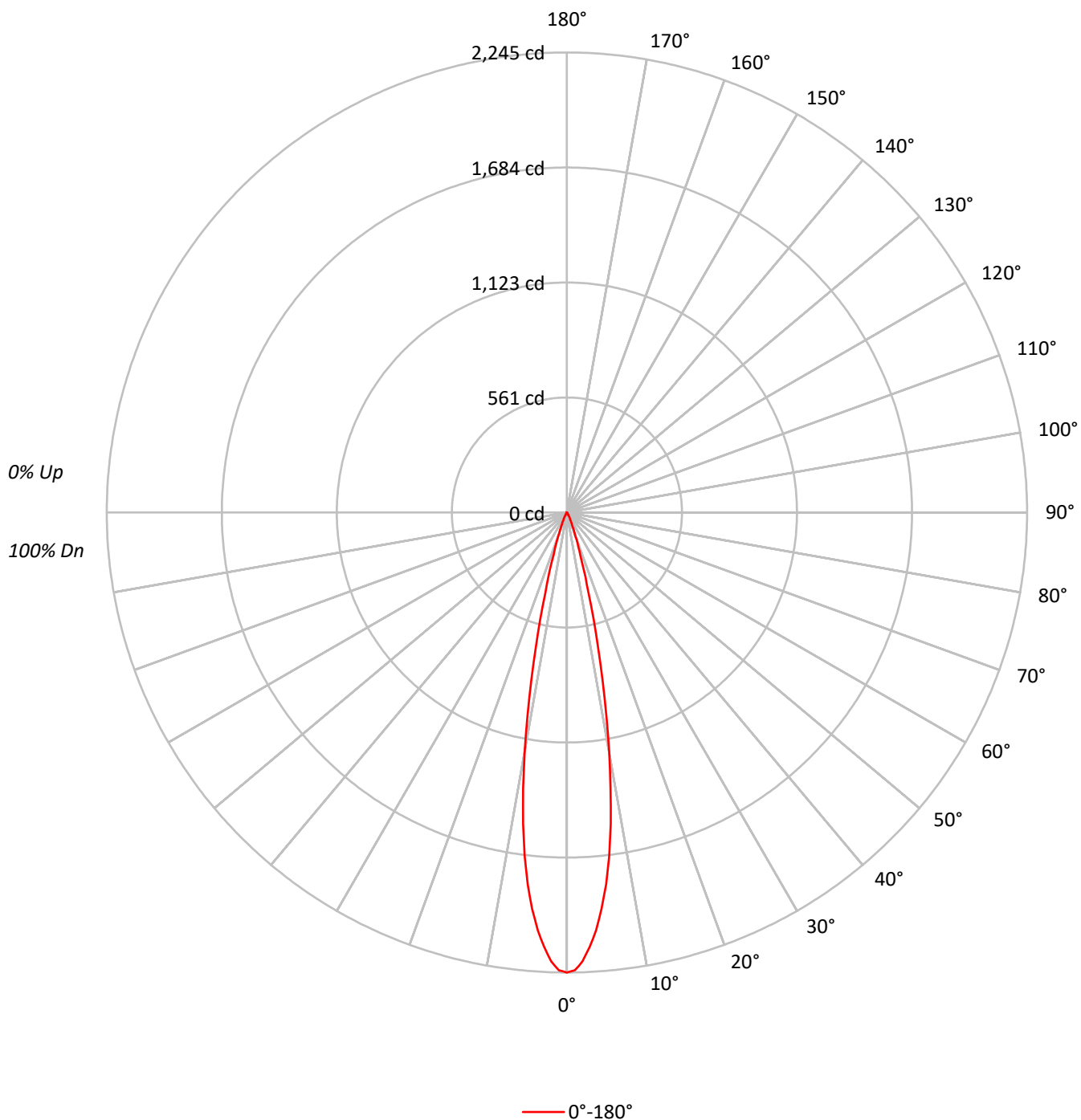
Lumens per Lamp: N/A
Luminaire Lumens: 317.1 lumens
Efficiency: N/A
Efficacy: 88.1 lumens/watt
Spacing Criteria (0/90/45): 0.35 / 0.35 / 0.34
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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

TEST NUMBER: P1253413

CATALOG NUMBER: P3AS02R209035DE010 E3CD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1253413

CATALOG NUMBER: P3AS02R209035DE010 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
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	116	114	112	110		113	112	110	109		108	106	105		104	103	102		101	100	99
2	112	109	106	104		110	108	105	103		104	103	101		102	100	99		99	98	97
3	109	105	102	100		108	104	101	99		102	99	97		99	98	96		97	96	95
4	107	102	99	96		105	101	98	96		99	97	94		97	95	93		96	94	92
5	104	99	96	93		103	98	95	93		97	94	92		95	93	91		94	92	90
6	102	97	93	91		101	96	93	90		95	92	90		94	91	89		92	90	89
7	100	94	91	88		99	94	91	88		93	90	88		92	89	87		91	89	87
8	98	92	89	86		97	92	89	86		91	88	86		90	88	86		89	87	85
9	96	90	87	85		95	90	87	85		89	86	84		89	86	84		88	86	84
10	94	89	85	83		93	88	85	83		88	85	83		87	84	83		86	84	82

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	492329
5°	427338
10°	264057
15°	91714
20°	28166
25°	9968
30°	3697
35°	1472
40°	802
45°	310
50°	171
55°	191
60°	219
65°	156
70°	192
75°	254
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 310 cd/sqm

TEST NUMBER: P1253413

CATALOG NUMBER: P3AS02R209035DE010 E3CD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	161.1	50.8
10°-20°	127.8	40.3
20°-30°	22.1	7.0
30°-40°	4.0	1.3
40°-50°	0.9	0.3
50°-60°	0.4	0.1
60°-70°	0.3	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°	311.1	98.1
0°-40°	315.1	99.4
0°-60°	316.5	99.8
0°-90°	317.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	317.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2245	
5°	1941	161
15°	404	128
25°	41	22
35°	6	4
45°	1	1
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1253413

CATALOG NUMBER: P3AS02R209035DE010 E3CD1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	2245.2
1°	2234.4
2°	2191.8
3°	2123.3
4°	2043.0
5°	1941.4
6°	1824.9
7°	1689.4
8°	1535.1
9°	1361.7
10°	1185.9
12.5°	748.0
15°	404.0
17.5°	215.8
20°	120.7
22.5°	69.0
25°	41.2
27.5°	25.1
30°	14.6
32.5°	8.5
35°	5.5
37.5°	3.8
40°	2.8
42.5°	1.8
45°	1.0
47.5°	0.5
50°	0.5
52.5°	0.5
55°	0.5
57.5°	0.5
60°	0.5
62.5°	0.3
65°	0.3
67.5°	0.3
70°	0.3
72.5°	0.3
75°	0.3
77.5°	0.3
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)