

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: P1253641

Luminaire Tested: P3AS02R609035DE010 E3CD1MB

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253641
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-40)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R609035DE010 E3CD1MB
Description: 3in Adjustable LED luminaire with, R60 optic, 3500K CCT AND, 90CRI , E3CD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

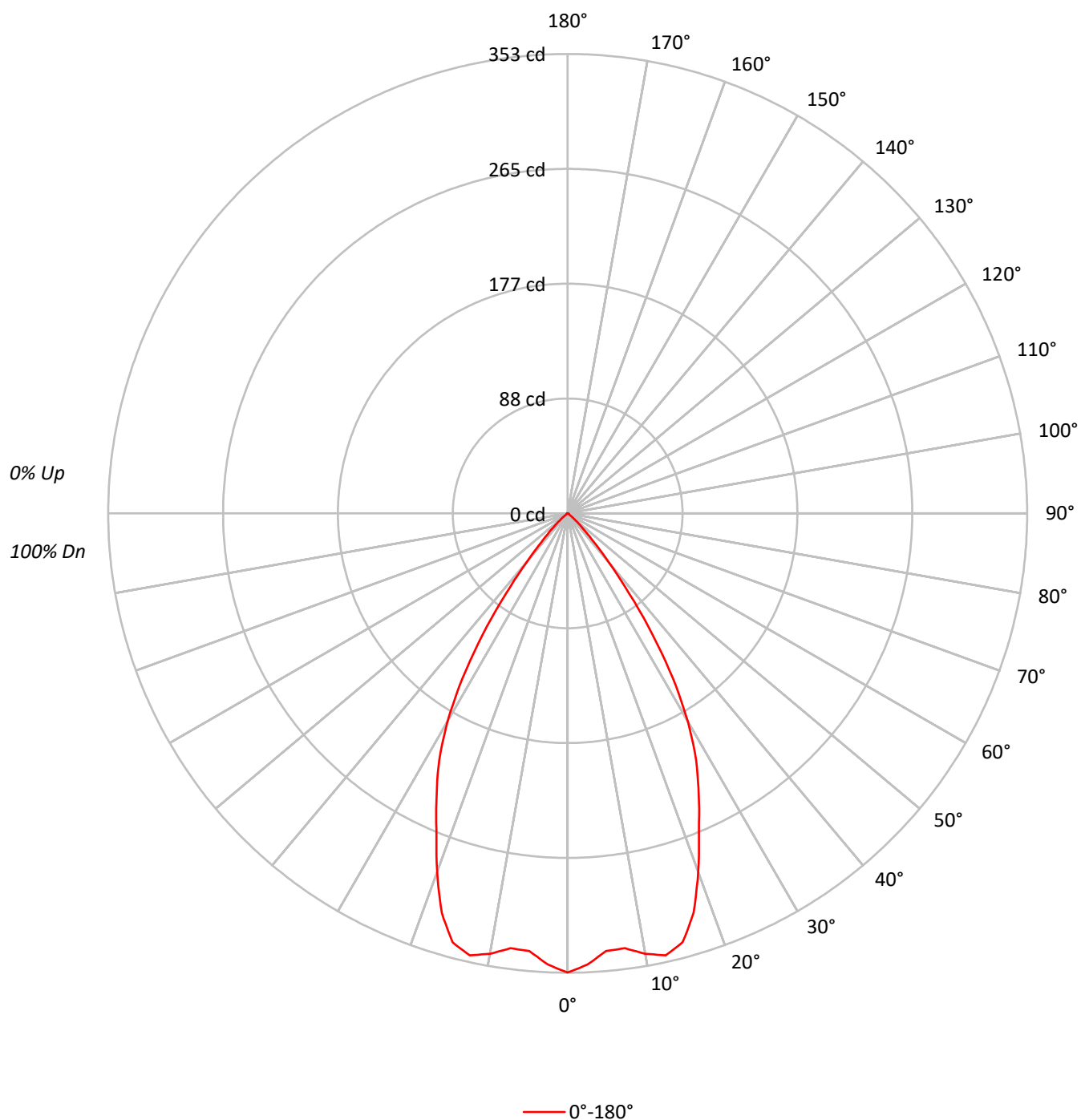
Lumens per Lamp: N/A
Luminaire Lumens: 324.1 lumens
Efficiency: N/A
Efficacy: 90.0 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.91
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1253641

CATALOG NUMBER: P3AS02R609035DE010 E3CD1MB

Luminous Intensity Polar Plot



TEST NUMBER: P1253641

CATALOG NUMBER: P3AS02R609035DE010 E3CD1MB

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	114	111	108	106	111	109	106	104	105	103	101		101	100	98		97
2	108	103	99	96	106	102	98	95	98	95	93		95	93	91		93
3	103	96	91	88	101	95	90	87	92	89	85		90	87	84		88
4	98	90	85	80	96	89	84	80	87	82	79		85	81	78		83
5	93	84	79	74	91	83	78	74	82	77	73		80	76	73		79
6	88	79	73	69	87	78	73	69	77	72	68		76	71	68		74
7	84	75	69	64	82	74	68	64	73	68	64		71	67	64		70
8	80	70	64	60	78	70	64	60	69	64	60		68	63	60		67
9	76	66	60	57	75	66	60	56	65	60	56		64	59	56		63
10	72	63	57	53	71	62	57	53	62	56	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	77362
5°	74290
10°	76507
15°	77481
20°	68419
25°	57657
30°	46767
35°	30463
40°	13998
45°	5365
50°	1808
55°	497
60°	439
65°	415
70°	321
75°	424
80°	379
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 5365 cd/sqm

TEST NUMBER: P1253641

CATALOG NUMBER: P3AS02R609035DE010 E3CD1MB

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.5	10.0
10°-20°	93.5	28.8
20°-30°	109.0	33.6
30°-40°	70.4	21.7
40°-50°	15.8	4.9
50°-60°	1.6	0.5
60°-70°	0.8	0.2
70°-80°	0.4	0.1
80°-90°	0.2	0.1
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°	235.0	72.5
0°-40°	305.3	94.2
0°-60°	322.7	99.6
0°-90°	324.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	324.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	353	
5°	338	32
15°	341	93
25°	238	109
35°	114	70
45°	17	16
55°	1	2
65°	1	1
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1253641

CATALOG NUMBER: P3AS02R609035DE010 E3CD1MB

CANDELA DISTRIBUTION (FULL):

0°	
0°	352.8
2.5°	347.1
5°	337.5
7.5°	337.0
10°	343.6
12.5°	347.8
15°	341.3
17.5°	321.8
20°	293.2
22.5°	263.4
25°	238.3
27.5°	213.8
30°	184.7
32.5°	150.6
35°	113.8
37.5°	77.7
40°	48.9
42.5°	29.3
45°	17.3
47.5°	10.0
50°	5.3
52.5°	1.8
55°	1.3
57.5°	1.0
60°	1.0
62.5°	0.8
65°	0.8
67.5°	0.8
70°	0.5
72.5°	0.5
75°	0.5
77.5°	0.3
80°	0.3
82.5°	0.3
85°	0.3
87.5°	0.0
90°	0.0

(END OF REPORT)