

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: P1258931

Luminaire Tested: P3AS02R459050DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258931
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-27)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R459050DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R45 optic, 5000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

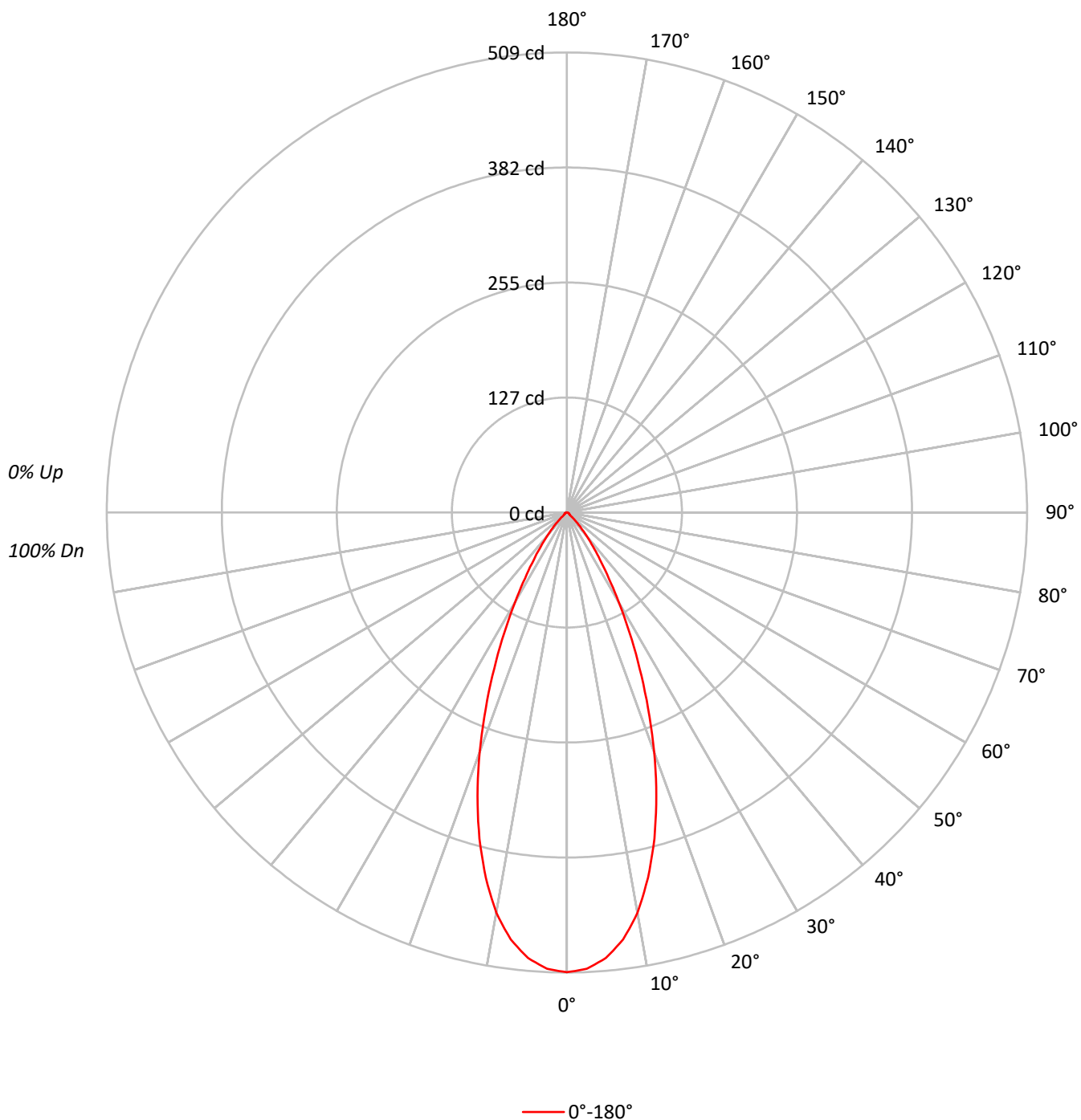
Lumens per Lamp: N/A
Luminaire Lumens: 297.0 lumens
Efficiency: N/A
Efficacy: 82.5 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.69
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1258931

CATALOG NUMBER: P3AS02R459050DE010 E3DL1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1258931

CATALOG NUMBER: P3AS02R459050DE010 E3DL1MW

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	109	107	111	109	107	105	105	103	102		101	100	99		98
2	109	104	100	97	106	102	99	96	99	96	94		96	94	92		93
3	104	98	93	89	102	96	92	88	94	90	87		91	88	86		89
4	99	92	87	83	97	91	86	82	89	85	81		87	83	80		85
5	94	87	81	77	93	86	81	77	84	80	76		82	79	76		81
6	90	82	76	73	89	81	76	72	80	75	72		78	74	71		77
7	86	78	72	68	85	77	72	68	76	71	68		75	71	67		74
8	83	74	68	65	82	73	68	64	72	68	64		71	67	64		70
9	79	70	65	61	78	70	65	61	69	64	61		68	64	61		67
10	76	67	62	58	75	67	62	58	66	61	58		65	61	58		65

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	111526
5°	108915
10°	100132
15°	84836
20°	65829
25°	46019
30°	28992
35°	17052
40°	9647
45°	4683
50°	1637
55°	1338
60°	1272
65°	1245
70°	1218
75°	1101
80°	1010
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 4683 cd/sqm

TEST NUMBER: P1258931

CATALOG NUMBER: P3AS02R459050DE010 E3DL1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	45.8	15.4
10°-20°	102.6	34.5
20°-30°	87.1	29.3
30°-40°	41.6	14.0
40°-50°	12.5	4.2
50°-60°	3.2	1.1
60°-70°	2.4	0.8
70°-80°	1.4	0.5
80°-90°	0.4	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°	235.6	79.3
0°-40°	277.1	93.3
0°-60°	292.8	98.6
0°-90°	297.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	297.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	509	
5°	495	46
15°	374	103
25°	190	87
35°	64	42
45°	15	13
55°	4	3
65°	2	2
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1258931

CATALOG NUMBER: P3AS02R459050DE010 E3DL1MW

CANDELA DISTRIBUTION (FULL):

	0°
0°	508.6
2.5°	505.4
5°	494.8
7.5°	476.5
10°	449.7
12.5°	414.1
15°	373.7
17.5°	328.8
20°	282.1
22.5°	234.5
25°	190.2
27.5°	149.8
30°	114.5
32.5°	86.1
35°	63.7
37.5°	47.0
40°	33.7
42.5°	23.4
45°	15.1
47.5°	8.5
50°	4.8
52.5°	3.7
55°	3.5
57.5°	3.2
60°	2.9
62.5°	2.7
65°	2.4
67.5°	2.1
70°	1.9
72.5°	1.6
75°	1.3
77.5°	1.1
80°	0.8
82.5°	0.5
85°	0.3
87.5°	0.3
90°	0.0

(END OF REPORT)