

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: P1271140

Luminaire Tested: P3AS02R709827DE010 E3D1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271140
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-48)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R709827DE010 E3D1MW
Description: 3in Adjustable LED luminaire with, R70 optic, 2700K CCT AND, 98CRI , E3D1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

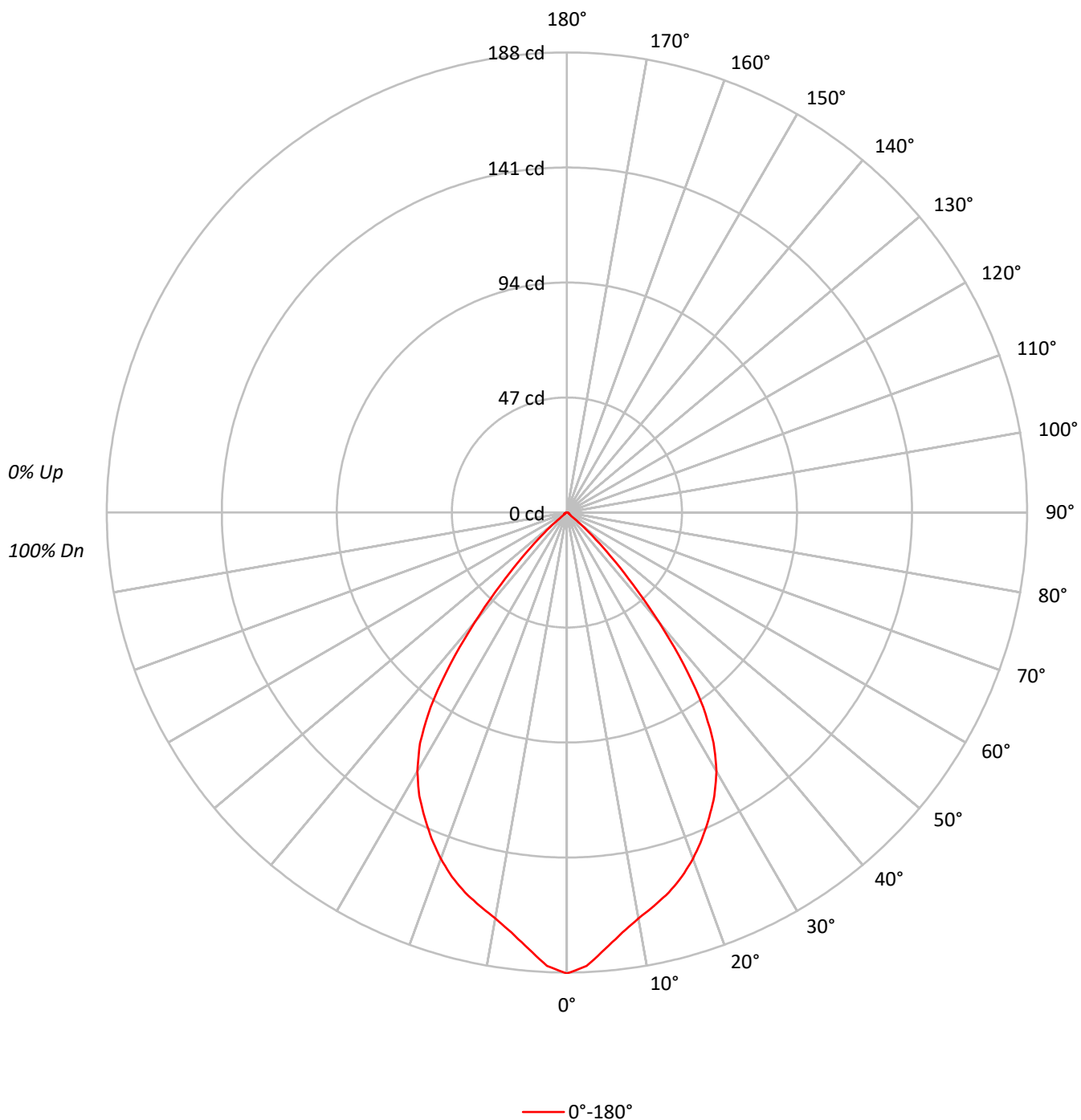
Lumens per Lamp: N/A
Luminaire Lumens: 208.0 lumens
Efficiency: N/A
Efficacy: 57.8 lumens/watt
Spacing Criteria (0/90/45): 1.01 / 1.01 / 1.03
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1271140

CATALOG NUMBER: P3AS02R709827DE010 E3D1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1271140

CATALOG NUMBER: P3AS02R709827DE010 E3D1MW

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	113	110	107	105	111	108	106	103	104	102	100		100	99	97		97
2	107	102	97	94	105	100	96	93	97	94	91		94	91	89		91
3	101	94	89	85	99	93	88	84	90	86	83		88	84	81		85
4	95	87	81	77	94	86	81	76	84	79	75		82	78	75		80
5	90	81	75	70	88	80	74	70	78	73	69		77	72	69		75
6	85	75	69	64	83	75	69	64	73	68	64		72	67	63		70
7	80	70	64	59	79	70	64	59	68	63	59		67	62	59		66
8	76	66	59	55	75	65	59	55	64	58	55		63	58	54		62
9	72	62	55	51	71	61	55	51	60	55	51		59	54	50		58
10	68	58	52	47	67	57	51	47	56	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	41312
5°	39401
10°	37497
15°	36504
20°	35143
25°	33268
30°	30941
35°	25993
40°	16746
45°	7784
50°	2047
55°	497
60°	526
65°	415
70°	449
75°	424
80°	379
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 7784 cd/sqm

TEST NUMBER: P1271140

CATALOG NUMBER: P3AS02R709827DE010 E3D1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.8	8.1
10°-20°	45.2	21.7
20°-30°	63.1	30.3
30°-40°	58.5	28.1
40°-50°	21.0	10.1
50°-60°	1.8	0.9
60°-70°	0.9	0.4
70°-80°	0.6	0.3
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°	125.0	60.1
0°-40°	183.6	88.2
0°-60°	206.3	99.2
0°-90°	208.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	208.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	188	
5°	179	17
15°	161	45
25°	138	63
35°	97	59
45°	25	21
55°	1	2
65°	1	1
75°	0	1
85°	0	0
90°	0	

TEST NUMBER: P1271140

CATALOG NUMBER: P3AS02R709827DE010 E3D1MW

CANDELA DISTRIBUTION (FULL):

	0°
0°	188.4
2.5°	185.5
5°	179.0
7.5°	173.1
10°	168.4
12.5°	164.6
15°	160.8
17.5°	156.1
20°	150.6
22.5°	144.3
25°	137.5
27.5°	130.5
30°	122.2
32.5°	111.6
35°	97.1
37.5°	78.6
40°	58.5
42.5°	39.9
45°	25.1
47.5°	14.0
50°	6.0
52.5°	2.0
55°	1.3
57.5°	1.2
60°	1.2
62.5°	1.0
65°	0.8
67.5°	0.8
70°	0.7
72.5°	0.7
75°	0.5
77.5°	0.5
80°	0.3
82.5°	0.3
85°	0.2
87.5°	0.2
90°	0.0

(END OF REPORT)