

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: P1287257

Luminaire Tested: P3AS13R509030D2WDE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287257
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-29)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R509030D2WDE010 E3DLP1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R50 optic, 3000K CCT AND, 90CRI ,
E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

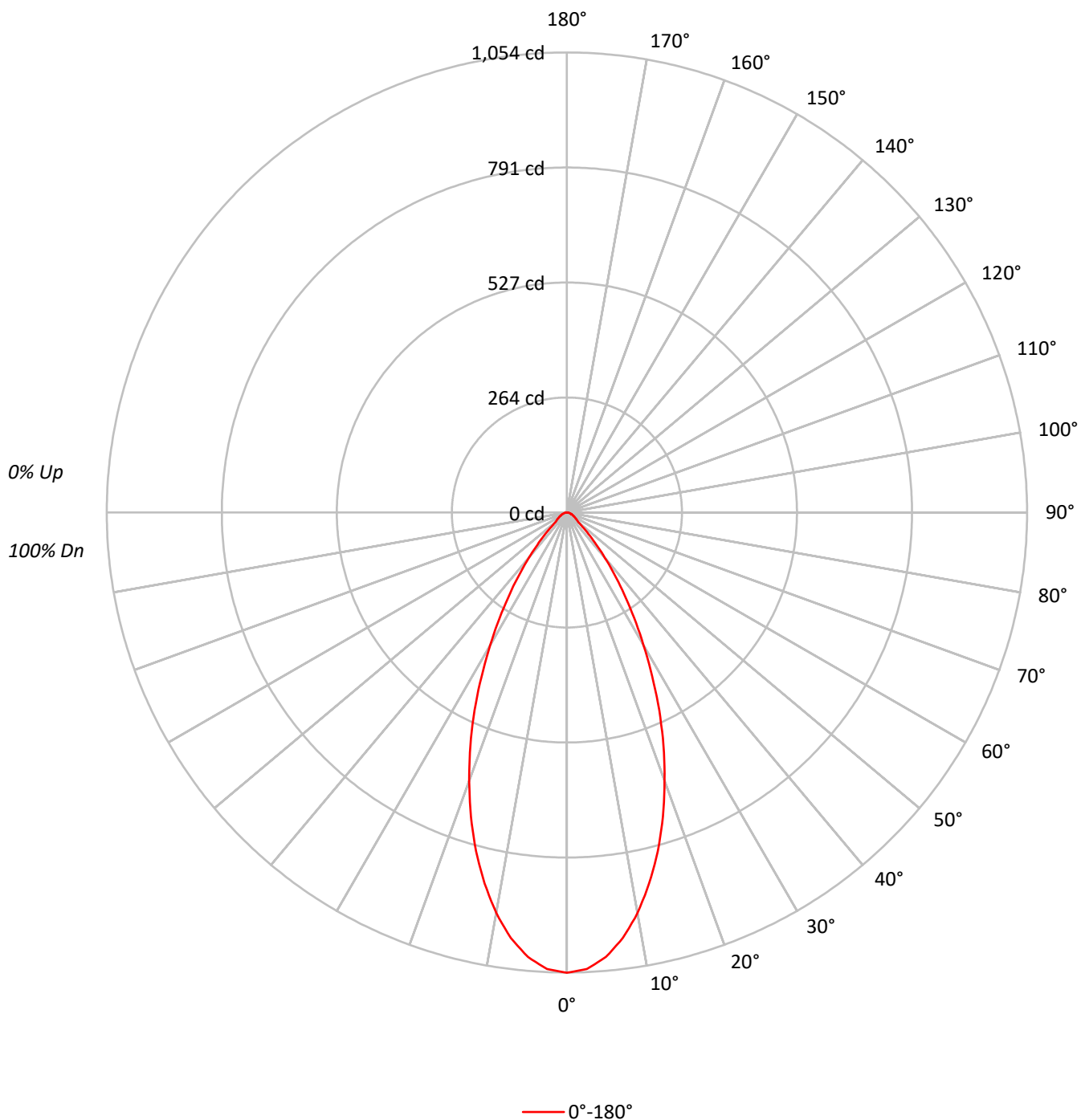
Lumens per Lamp: N/A
Luminaire Lumens: 795.0 lumens
Efficiency: N/A
Efficacy: 39.6 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.77
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.1
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: P1287257

CATALOG NUMBER: P3AS13R509030D2WDE010 E3DLP1MW

Luminous Intensity Polar Plot





TEST NUMBER: P1287257

CATALOG NUMBER: P3AS13R509030D2WDE010 E3DLP1MW

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		0
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		100
1	113	110	107	105	111	108	106	103	104	102	100		100	99	97		93
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		85
3	101	95	89	85	99	93	88	85	91	87	83		88	85	82		79
4	96	88	82	78	94	87	82	78	85	80	77		83	79	76		73
5	91	83	76	72	90	82	76	72	80	75	71		78	74	70		68
6	87	77	71	67	85	77	71	67	75	70	66		74	69	66		64
7	82	73	67	62	81	72	66	62	71	66	62		70	65	61		60
8	78	69	63	58	77	68	62	58	67	62	58		66	61	58		56
9	75	65	59	55	74	64	59	55	63	58	55		63	58	54		53
10	71	61	56	52	70	61	55	52	60	55	51		59	55	51		50

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	231231
5°	225005
10°	207478
15°	182476
20°	152660
25°	121047
30°	88824
35°	61061
40°	38816
45°	21677
50°	11735
55°	9863
60°	8508
65°	7835
70°	6924
75°	6354
80°	5430
85°	5535

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 21677 cd/sqm

TEST NUMBER: P1287257

CATALOG NUMBER: P3AS13R509030D2WDE010 E3DLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	94.7	11.9
10°-20°	222.6	28.0
20°-30°	227.7	28.6
30°-40°	144.4	18.2
40°-50°	57.4	7.2
50°-60°	23.3	2.9
60°-70°	14.9	1.9
70°-80°	7.7	1.0
80°-90°	2.4	0.3
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°	545.0	68.6
0°-40°	689.4	86.7
0°-60°	770.1	96.9
0°-90°	795.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	795.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1054	
5°	1022	95
15°	804	223
25°	500	228
35°	228	144
45°	70	57
55°	26	23
65°	15	15
75°	8	8
85°	2	2
90°	0	

TEST NUMBER: P1287257

CATALOG NUMBER: P3AS13R509030D2WDE010 E3DLP1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	1054.5
2.5°	1046.9
5°	1022.2
7.5°	983.4
10°	931.8
12.5°	870.5
15°	803.8
17.5°	730.6
20°	654.2
22.5°	577.8
25°	500.3
27.5°	422.9
30°	350.8
32.5°	286.2
35°	228.1
37.5°	178.6
40°	135.6
42.5°	100.1
45°	69.9
47.5°	47.3
50°	34.4
52.5°	29.1
55°	25.8
57.5°	22.6
60°	19.4
62.5°	17.2
65°	15.1
67.5°	12.9
70°	10.8
72.5°	8.6
75°	7.5
77.5°	5.4
80°	4.3
82.5°	3.2
85°	2.2
87.5°	1.1
90°	0.0

(END OF REPORT)