

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: P1269833

Luminaire Tested: P3AS13R309740DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269833
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R309740DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 4000K CCT AND, 97CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

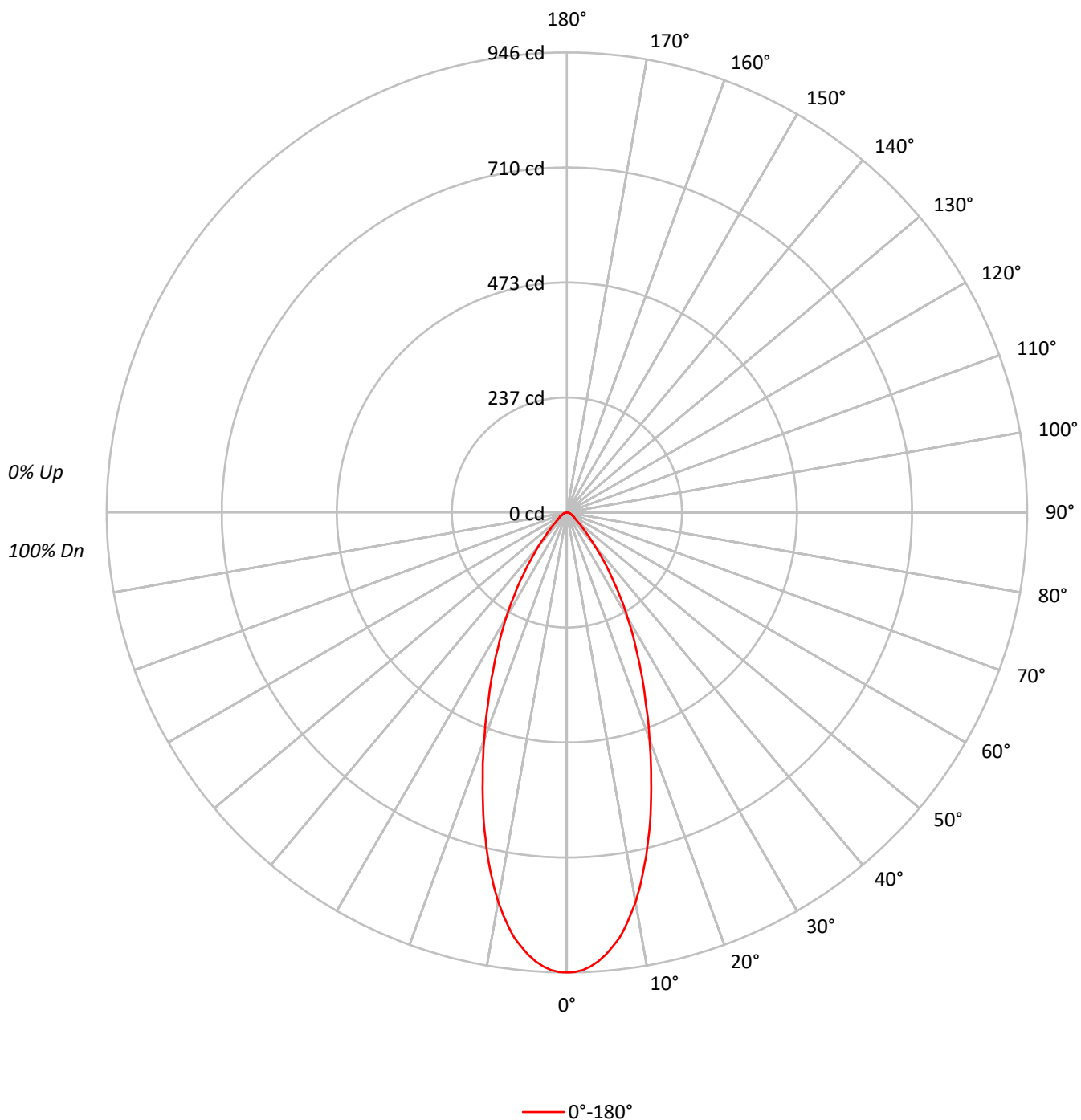
Lumens per Lamp: N/A
Luminaire Lumens: 607.0 lumens
Efficiency: N/A
Efficacy: 41.6 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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: P1269833

CATALOG NUMBER: P3AS13R309740DE010 E3DLP1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1269833

CATALOG NUMBER: P3AS13R309740DE010 E3DLP1MW

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	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	85	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	73	90	83	77	73	81	76	72		79	75	72		78
6	88	79	73	68	86	78	72	68	76	71	68		75	71	67		74
7	83	74	68	64	82	74	68	64	72	67	63		71	67	63		70
8	80	70	64	60	78	70	64	60	69	63	60		67	63	60		67
9	76	67	61	57	75	66	60	57	65	60	56		64	60	56		63
10	73	63	58	54	72	63	57	54	62	57	54		61	57	53		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	207418
5°	200968
10°	181070
15°	149785
20°	115977
25°	86981
30°	63149
35°	42081
40°	25877
45°	15164
50°	9313
55°	7570
60°	6622
65°	5396
70°	4809
75°	4745
80°	3536
85°	4780

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 15164 cd/sqm

TEST NUMBER: P1269833

CATALOG NUMBER: P3AS13R309740DE010 E3DLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	84.0	13.8
10°-20°	181.7	29.9
20°-30°	165.3	27.2
30°-40°	100.0	16.5
40°-50°	40.1	6.6
50°-60°	17.7	2.9
60°-70°	10.7	1.8
70°-80°	5.8	1.0
80°-90°	1.7	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°	431.0	71.0
0°-40°	531.0	87.5
0°-60°	588.8	97.0
0°-90°	607.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	607.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	946	
5°	913	84
15°	660	182
25°	360	165
35°	157	100
45°	49	40
55°	20	18
65°	10	11
75°	6	6
85°	2	2
90°	0	

TEST NUMBER: P1269833

CATALOG NUMBER: P3AS13R309740DE010 E3DLP1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	945.9
1°	945.0
2°	941.2
3°	934.6
4°	925.2
5°	913.0
6°	897.9
7°	881.9
8°	861.2
9°	837.7
10°	813.2
11°	785.0
12°	754.9
13°	724.7
14°	691.8
15°	659.8
17.5°	576.0
20°	497.0
22.5°	423.5
25°	359.5
27.5°	301.2
30°	249.4
32.5°	201.4
35°	157.2
37.5°	120.5
40°	90.4
42.5°	65.9
45°	48.9
47.5°	36.7
50°	27.3
52.5°	21.6
55°	19.8
57.5°	16.9
60°	15.1
62.5°	12.2
65°	10.4
67.5°	9.4
70°	7.5
72.5°	6.6
75°	5.6
77.5°	4.7
80°	2.8
82.5°	1.9
85°	1.9
87.5°	0.9



TEST NUMBER: P1269833

CATALOG NUMBER: P3AS13R309740DE010 E3DLP1MW

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)