

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: P1266889

Luminaire Tested: P3A05R709735DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1266889
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-45)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R709735DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R70 optic, 3500K CCT AND, 97CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

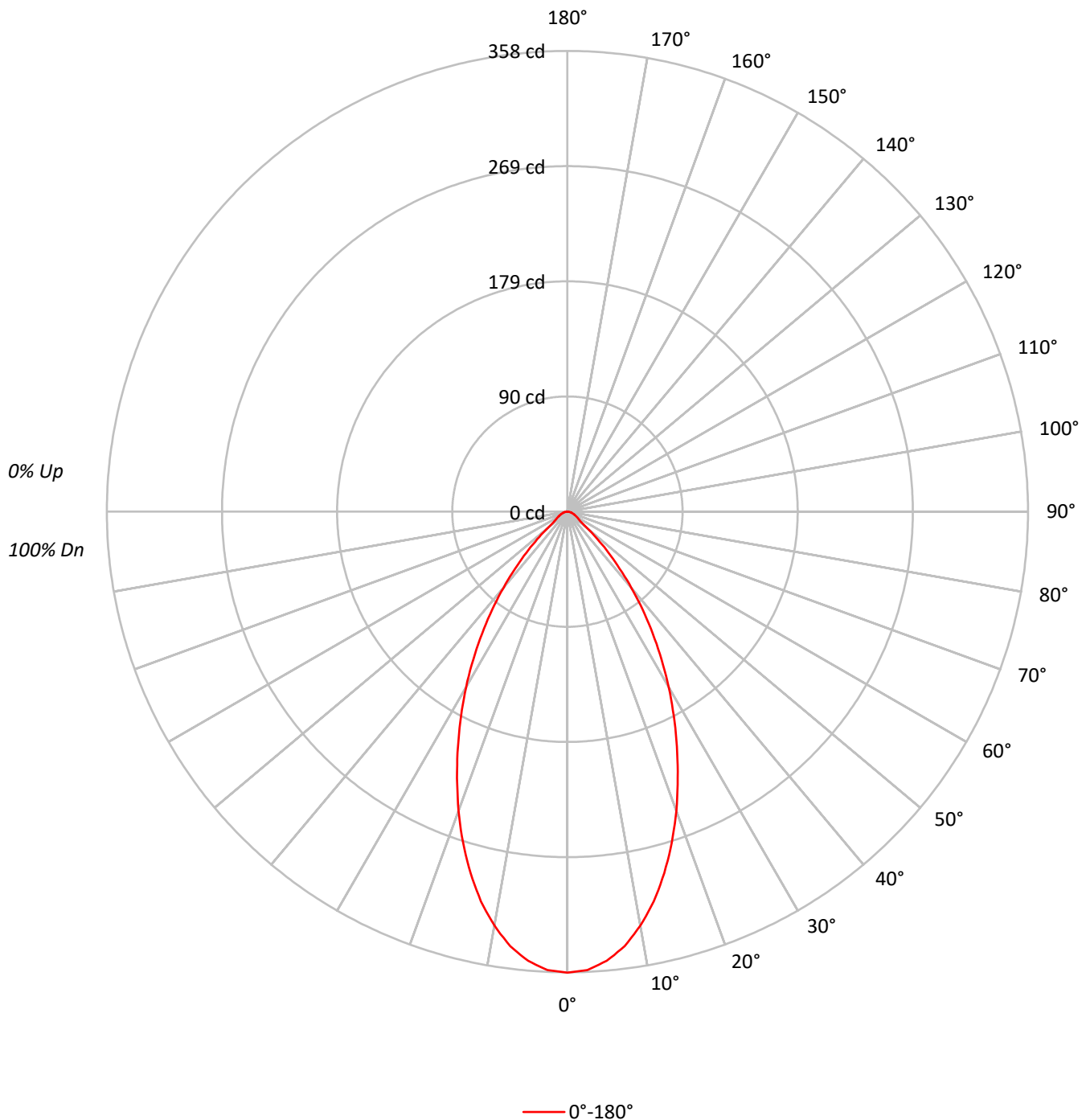
Lumens per Lamp: N/A
Luminaire Lumens: 335.0 lumens
Efficiency: N/A
Efficacy: 46.5 lumens/watt
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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: P1266889

CATALOG NUMBER: P3A05R709735DE010 E3DLP1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1266889

CATALOG NUMBER: P3A05R709735DE010 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	107	104	110	107	105	103	103	101	100		100	98	97		96
2	106	101	97	93	104	99	95	92	96	93	90		93	90	88		90
3	100	93	88	83	98	92	87	83	89	85	81		87	83	80		84
4	95	86	80	76	93	85	80	75	83	78	74		81	77	73		79
5	89	80	74	69	88	79	73	69	78	72	68		76	71	68		74
6	85	75	68	64	83	74	68	64	73	67	63		71	66	63		70
7	80	70	64	59	79	69	63	59	68	62	58		67	62	58		66
8	76	66	59	55	75	65	59	55	64	58	54		63	58	54		62
9	72	62	55	51	71	61	55	51	60	55	51		59	54	51		58
10	69	58	52	48	67	58	52	48	57	51	48		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	78568
5°	77129
10°	72744
15°	66016
20°	57732
25°	48704
30°	39880
35°	30945
40°	22156
45°	14017
50°	6993
55°	4282
60°	3684
65°	3373
70°	3013
75°	2796
80°	2399
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 14017 cd/sqm

TEST NUMBER: P1266889

CATALOG NUMBER: P3A05R709735DE010 E3DLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.7	9.8
10°-20°	80.9	24.1
20°-30°	92.1	27.5
30°-40°	72.1	21.5
40°-50°	35.4	10.6
50°-60°	10.9	3.3
60°-70°	6.5	1.9
70°-80°	3.5	1.0
80°-90°	1.0	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°	205.7	61.4
0°-40°	277.8	82.9
0°-60°	324.1	96.7
0°-90°	335.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	335.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	358	
5°	350	33
15°	291	81
25°	201	92
35°	116	72
45°	45	35
55°	11	11
65°	6	6
75°	3	3
85°	1	1
90°	0	

TEST NUMBER: P1266889

CATALOG NUMBER: P3A05R709735DE010 E3DLP1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	358.3
2.5°	356.5
5°	350.4
7.5°	340.6
10°	326.7
12.5°	310.3
15°	290.8
17.5°	269.8
20°	247.4
22.5°	224.1
25°	201.3
27.5°	178.9
30°	157.5
32.5°	136.1
35°	115.6
37.5°	96.0
40°	77.4
42.5°	60.1
45°	45.2
47.5°	31.7
50°	20.5
52.5°	13.5
55°	11.2
57.5°	9.8
60°	8.4
62.5°	7.5
65°	6.5
67.5°	5.6
70°	4.7
72.5°	3.7
75°	3.3
77.5°	2.8
80°	1.9
82.5°	1.4
85°	0.9
87.5°	0.5
90°	0.0

(END OF REPORT)