

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: P1269270

Luminaire Tested: P3A05R709740DE010 E3DLP1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269270
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: P3A05R709740DE010 E3DLP1WMH
Description: 3in Adjustable LED luminaire with, R70 optic, 4000K CCT AND, 97CRI , E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

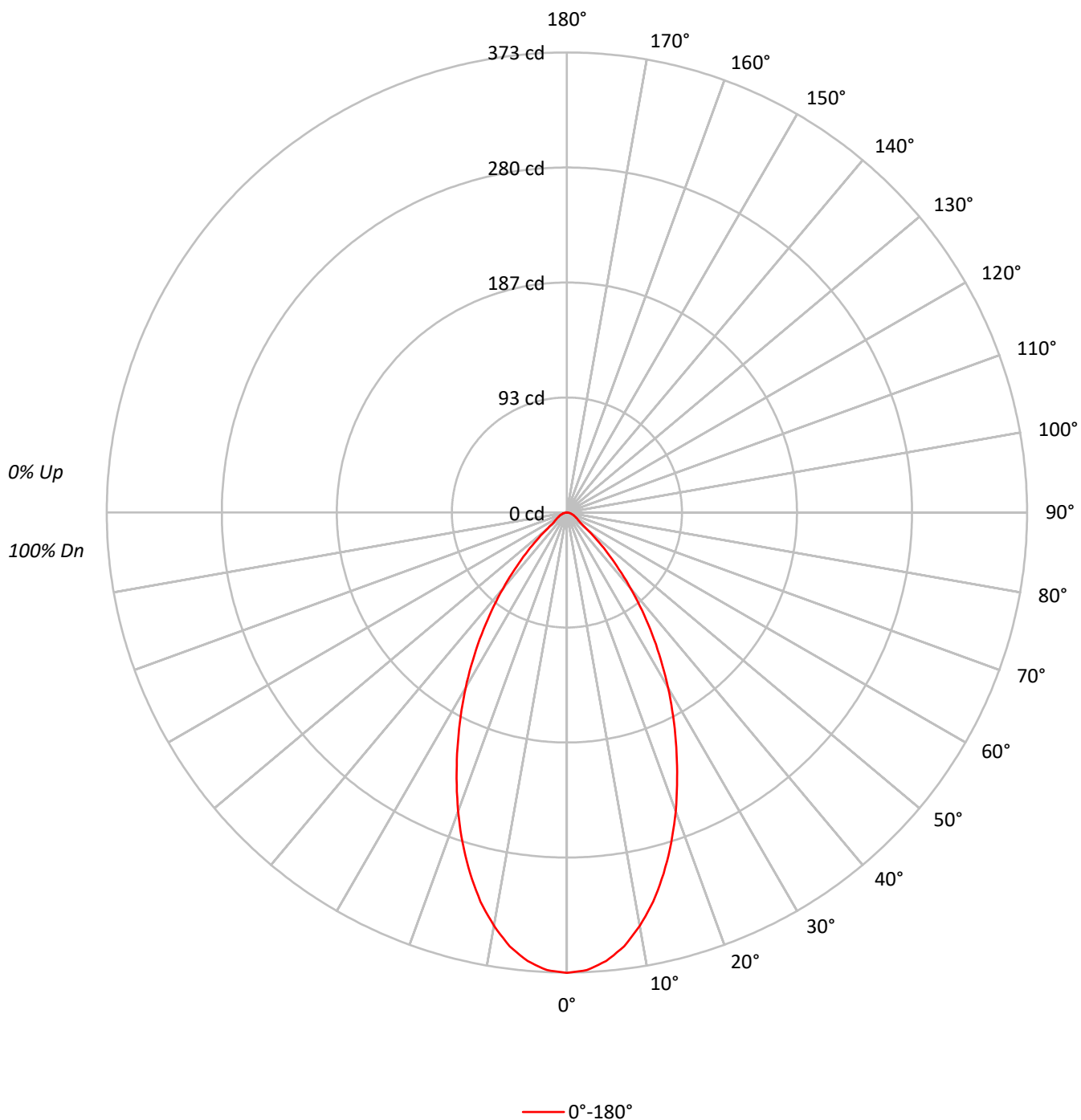
Lumens per Lamp: N/A
Luminaire Lumens: 349.0 lumens
Efficiency: N/A
Efficacy: 48.5 lumens/watt
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1269270

CATALOG NUMBER: P3A05R709740DE010 E3DLP1WMH

Luminous Intensity Polar Plot



TEST NUMBER: P1269270

CATALOG NUMBER: P3A05R709740DE010 E3DLP1WMH

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°	81857
5°	80365
10°	75772
15°	68763
20°	60159
25°	50737
30°	41551
35°	32230
40°	23072
45°	14606
50°	7300
55°	4473
60°	3815
65°	3528
70°	3142
75°	2881
80°	2399
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 14606 cd/sqm

TEST NUMBER: P1269270

CATALOG NUMBER: P3A05R709740DE010 E3DLP1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	34.1	9.8
10°-20°	84.3	24.1
20°-30°	96.0	27.5
30°-40°	75.1	21.5
40°-50°	36.9	10.6
50°-60°	11.4	3.3
60°-70°	6.7	1.9
70°-80°	3.6	1.0
80°-90°	1.1	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°	214.4	61.4
0°-40°	289.4	82.9
0°-60°	337.7	96.7
0°-90°	349.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	349.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	373	
5°	365	34
15°	303	84
25°	210	96
35°	120	75
45°	47	37
55°	12	11
65°	7	7
75°	3	4
85°	1	1
90°	0	

TEST NUMBER: P1269270

CATALOG NUMBER: P3A05R709740DE010 E3DLP1WMH

CANDELA DISTRIBUTION (FULL):

0°	
0°	373.3
2.5°	371.4
5°	365.1
7.5°	354.9
10°	340.3
12.5°	323.3
15°	302.9
17.5°	281.1
20°	257.8
22.5°	233.5
25°	209.7
27.5°	186.4
30°	164.1
32.5°	141.8
35°	120.4
37.5°	100.0
40°	80.6
42.5°	62.6
45°	47.1
47.5°	33.0
50°	21.4
52.5°	14.1
55°	11.7
57.5°	10.2
60°	8.7
62.5°	7.8
65°	6.8
67.5°	5.8
70°	4.9
72.5°	3.9
75°	3.4
77.5°	2.9
80°	1.9
82.5°	1.5
85°	1.0
87.5°	0.5
90°	0.0

(END OF REPORT)