

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: P1253986

Luminaire Tested: P3AS05R459035DE010 E3DLP1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253986
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R459035DE010 E3DLP1WMH
Description: 3in Adjustable LED luminaire with, R45 optic, 3500K CCT AND, 90CRI , E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

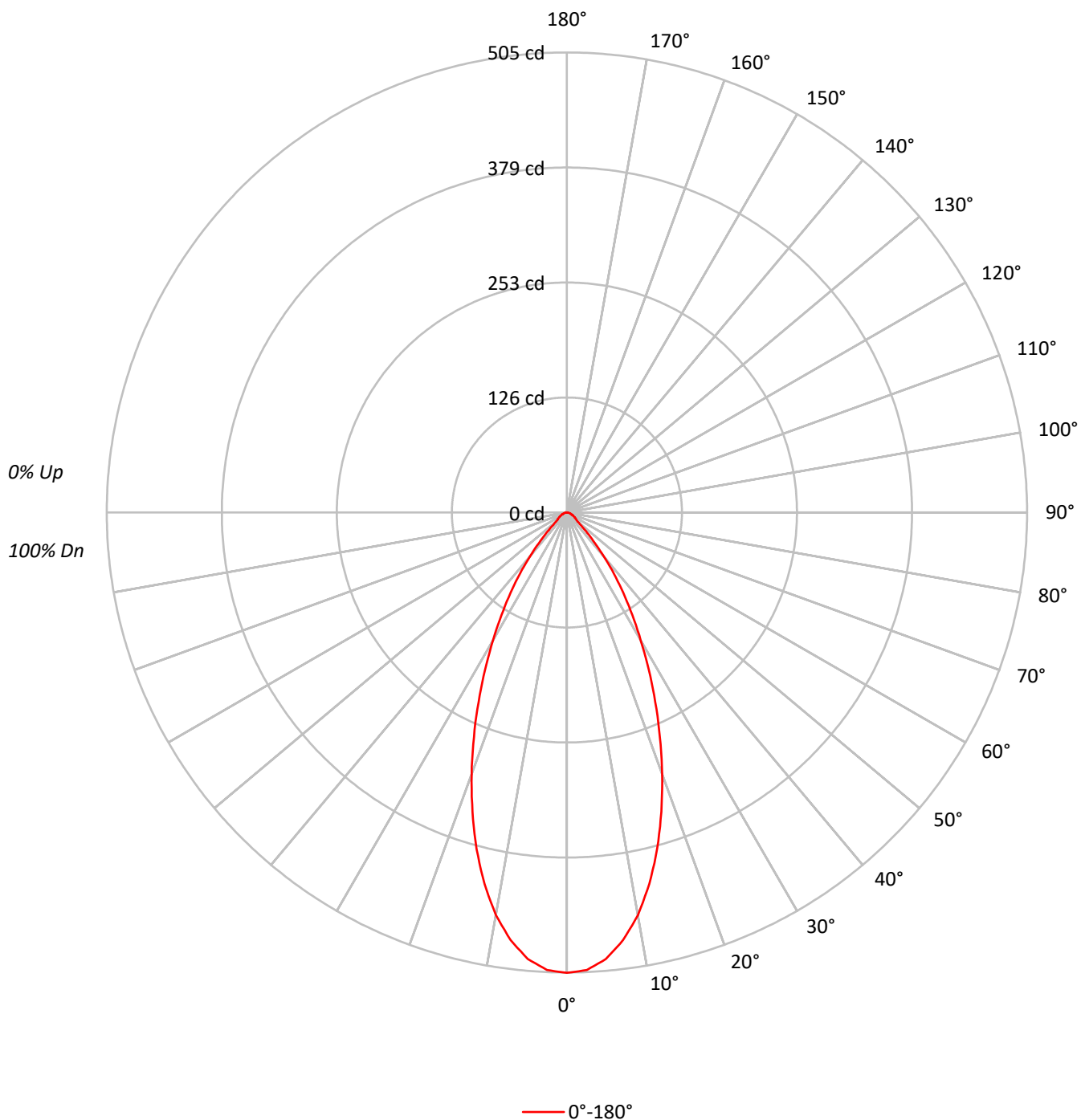
Lumens per Lamp: N/A
Luminaire Lumens: 372.0 lumens
Efficiency: N/A
Efficacy: 51.7 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1253986

CATALOG NUMBER: P3AS05R459035DE010 E3DLP1WMH

Luminous Intensity Polar Plot



TEST NUMBER: P1253986

CATALOG NUMBER: P3AS05R459035DE010 E3DLP1WMH

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		86
3	102	95	90	85	100	93	89	85	91	87	83		88	85	82		79
4	96	88	83	78	94	87	82	78	85	81	77		83	79	76		74
5	91	83	77	72	90	82	76	72	80	75	71		78	74	71		69
6	87	78	72	67	85	77	71	67	75	70	66		74	69	66		64
7	83	73	67	63	81	72	67	63	71	66	62		70	65	62		60
8	79	69	63	59	77	68	63	59	67	62	58		66	62	58		56
9	75	65	59	55	74	65	59	55	64	59	55		63	58	55		53
10	72	62	56	52	71	61	56	52	61	55	52		60	55	52		50

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	110803
5°	108276
10°	99887
15°	86856
20°	71360
25°	55527
30°	40994
35°	28857
40°	18005
45°	9768
50°	5288
55°	4549
60°	4079
65°	3476
70°	2949
75°	3050
80°	2652
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 9768 cd/sqm

TEST NUMBER: P1253986

CATALOG NUMBER: P3AS05R459035DE010 E3DLP1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	45.6	12.2
10°-20°	105.8	28.4
20°-30°	105.0	28.2
30°-40°	67.6	18.2
40°-50°	26.1	7.0
50°-60°	10.6	2.9
60°-70°	6.7	1.8
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°	256.3	68.9
0°-40°	324.0	87.1
0°-60°	360.6	96.9
0°-90°	372.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	372.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	505	
5°	492	46
15°	383	106
25°	230	105
35°	108	68
45°	32	26
55°	12	11
65°	7	7
75°	4	4
85°	1	1
90°	0	

TEST NUMBER: P1253986

CATALOG NUMBER: P3AS05R459035DE010 E3DLP1WMH

CANDELA DISTRIBUTION (FULL):

0°	
0°	505.3
2.5°	502.7
5°	491.9
7.5°	473.3
10°	448.6
12.5°	417.7
15°	382.6
17.5°	344.4
20°	305.8
22.5°	266.6
25°	229.5
27.5°	194.4
30°	161.9
32.5°	133.5
35°	107.8
37.5°	84.6
40°	62.9
42.5°	45.4
45°	31.5
47.5°	21.1
50°	15.5
52.5°	12.9
55°	11.9
57.5°	10.3
60°	9.3
62.5°	7.7
65°	6.7
67.5°	5.7
70°	4.6
72.5°	4.1
75°	3.6
77.5°	2.6
80°	2.1
82.5°	1.5
85°	1.0
87.5°	0.5
90°	0.0

(END OF REPORT)