

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: P1271360

Luminaire Tested: P3AS05R459827DE010 E3DLP1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271360
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: P3AS05R459827DE010 E3DLP1WMH
Description: 3in Adjustable LED luminaire with, R45 optic, 2700K CCT AND, 98CRI , E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

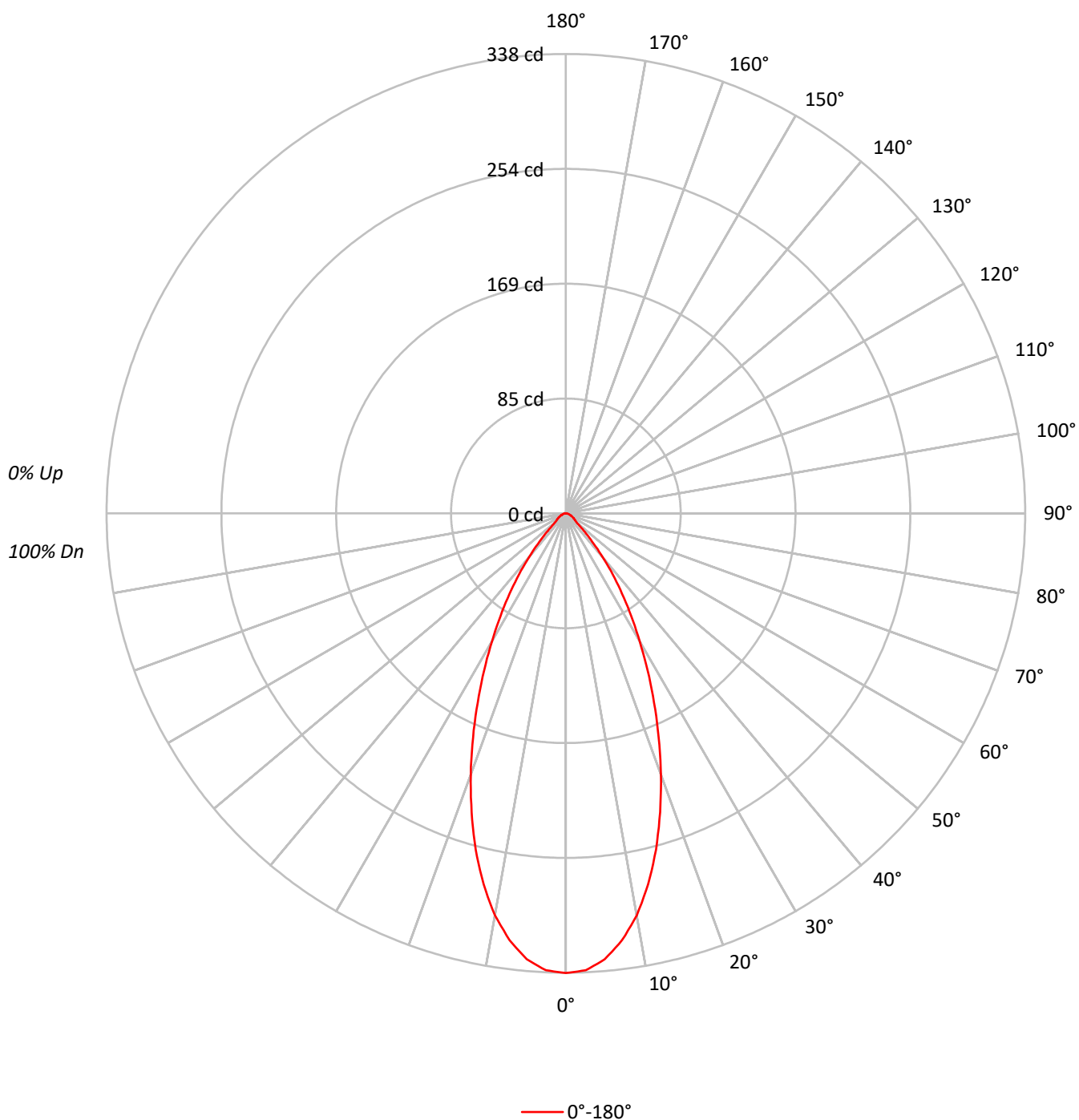
Lumens per Lamp: N/A
Luminaire Lumens: 249.0 lumens
Efficiency: N/A
Efficacy: 34.6 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1271360

CATALOG NUMBER: P3AS05R459827DE010 E3DLP1WMH

Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20			
RC	80				70				50				30				10			0
RW	70	50	30	10	70	50	30	10	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		102	102	102	100
1	113	110	107	105	111	108	106	103	104	102	100		100	99	97		97	96	94	93
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91	89	87	86
3	102	95	90	85	100	93	89	85	91	87	83		88	85	82		86	83	81	79
4	96	88	83	78	94	87	82	78	85	81	77		83	79	76		81	78	75	74
5	91	83	77	72	90	82	76	72	80	75	71		78	74	71		77	73	70	69
6	87	78	72	67	85	77	71	67	75	70	66		74	69	66		73	69	66	64
7	83	73	67	63	81	72	67	63	71	66	62		70	65	62		69	65	61	60
8	79	69	63	59	77	68	63	59	67	62	58		66	62	58		65	61	58	56
9	75	65	59	55	74	65	59	55	64	59	55		63	58	55		62	58	55	53
10	72	62	56	52	71	61	56	52	61	55	52		60	55	52		59	55	52	50

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	74161
5°	72485
10°	66866
15°	58139
20°	47767
25°	37163
30°	27447
35°	19301
40°	12051
45°	6543
50°	3548
55°	3020
60°	2719
65°	2335
70°	1988
75°	2033
80°	1768
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 6543 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.5	12.2
10°-20°	70.8	28.4
20°-30°	70.3	28.2
30°-40°	45.3	18.2
40°-50°	17.5	7.0
50°-60°	7.1	2.8
60°-70°	4.5	1.8
70°-80°	2.4	1.0
80°-90°	0.7	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°	171.6	68.9
0°-40°	216.8	87.1
0°-60°	241.4	96.9
0°-90°	249.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	249.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	338	
5°	329	30
15°	256	71
25°	154	70
35°	72	45
45°	21	17
55°	8	7
65°	4	4
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	338.2
2.5°	336.5
5°	329.3
7.5°	316.8
10°	300.3
12.5°	279.6
15°	256.1
17.5°	230.5
20°	204.7
22.5°	178.4
25°	153.6
27.5°	130.1
30°	108.4
32.5°	89.4
35°	72.1
37.5°	56.6
40°	42.1
42.5°	30.4
45°	21.1
47.5°	14.2
50°	10.4
52.5°	8.6
55°	7.9
57.5°	6.9
60°	6.2
62.5°	5.2
65°	4.5
67.5°	3.8
70°	3.1
72.5°	2.8
75°	2.4
77.5°	1.7
80°	1.4
82.5°	1.0
85°	0.7
87.5°	0.3
90°	0.0

(END OF REPORT)