

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: P1271705

Luminaire Tested: P3AS09R459827DE010 E3DLP1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271705
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: P3AS09R459827DE010 E3DLP1WMH
Description: 3in Adjustable LED luminaire with, R45 optic, 2700K CCT AND, 98CRI , E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

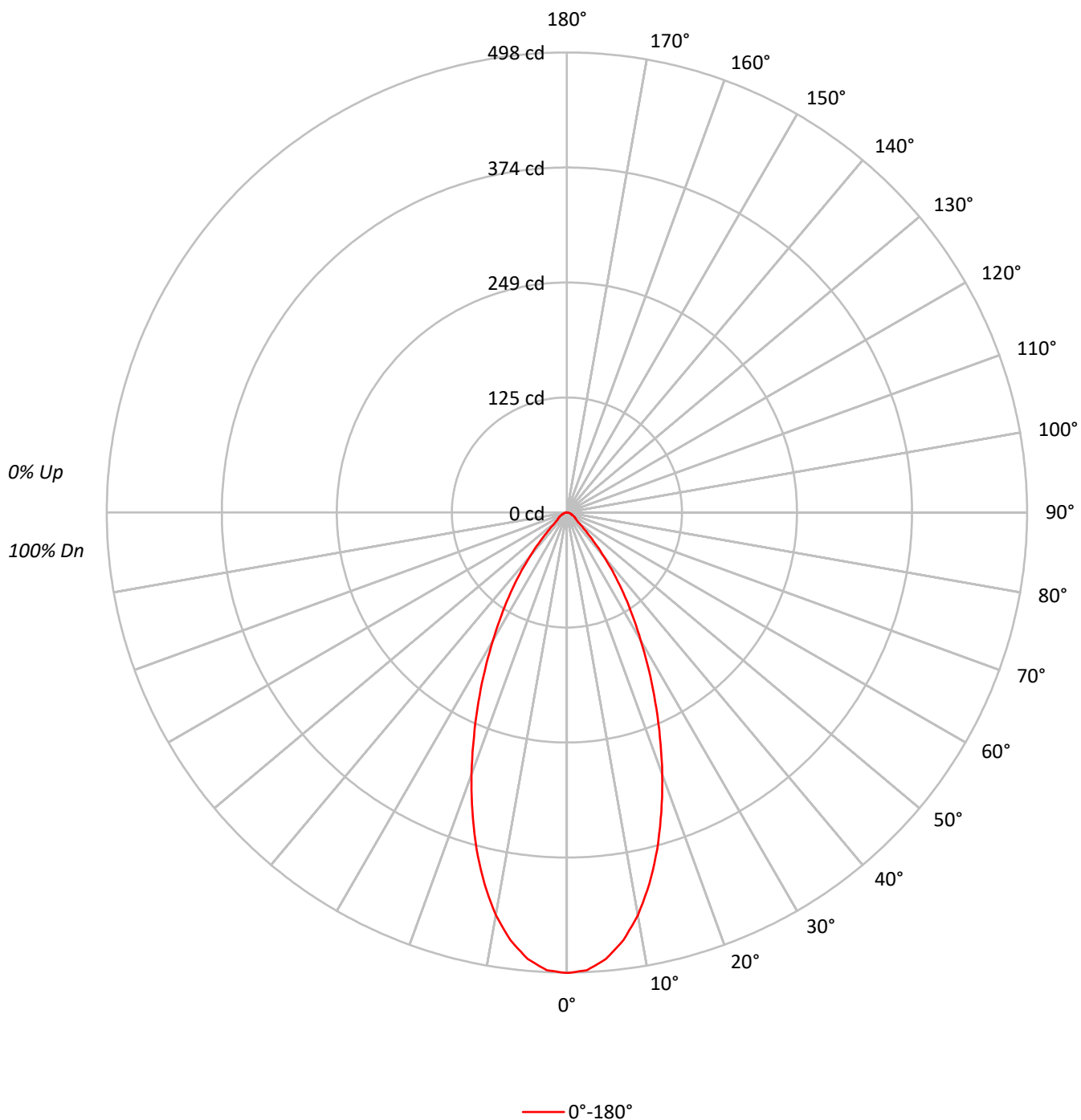
Lumens per Lamp: N/A
Luminaire Lumens: 367.0 lumens
Efficiency: N/A
Efficacy: 33.4 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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: P1271705

CATALOG NUMBER: P3AS09R459827DE010 E3DLP1WMH

Luminous Intensity Polar Plot





TEST NUMBER: P1271705

CATALOG NUMBER: P3AS09R459827DE010 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	30	10	50	30	10
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°	109311
5°	106823
10°	98551
15°	85676
20°	70403
25°	54777
30°	40437
35°	28456
40°	17776
45°	9613
50°	5219
55°	4473
60°	4035
65°	3424
70°	2949
75°	3050
80°	2526
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 9613 cd/sqm

TEST NUMBER: P1271705

CATALOG NUMBER: P3AS09R459827DE010 E3DLP1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	44.9	12.2
10°-20°	104.3	28.4
20°-30°	103.6	28.2
30°-40°	66.7	18.2
40°-50°	25.7	7.0
50°-60°	10.5	2.8
60°-70°	6.6	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°	252.9	68.9
0°-40°	319.6	87.1
0°-60°	355.8	96.9
0°-90°	367.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	367.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	498	
5°	485	45
15°	377	104
25°	226	104
35°	106	67
45°	31	26
55°	12	10
65°	7	7
75°	4	4
85°	1	1
90°	0	



TEST NUMBER: P1271705

CATALOG NUMBER: P3AS09R459827DE010 E3DLP1WMH

CANDELA DISTRIBUTION (FULL):

0°	
0°	498.5
2.5°	496.0
5°	485.3
7.5°	467.0
10°	442.6
12.5°	412.0
15°	377.4
17.5°	339.8
20°	301.7
22.5°	263.0
25°	226.4
27.5°	191.8
30°	159.7
32.5°	131.8
35°	106.3
37.5°	83.4
40°	62.1
42.5°	44.8
45°	31.0
47.5°	20.9
50°	15.3
52.5°	12.7
55°	11.7
57.5°	10.2
60°	9.2
62.5°	7.6
65°	6.6
67.5°	5.6
70°	4.6
72.5°	4.1
75°	3.6
77.5°	2.5
80°	2.0
82.5°	1.5
85°	1.0
87.5°	0.5
90°	0.0

(END OF REPORT)