

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: P1271700

Luminaire Tested: P3AS09R459827DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271700
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 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R45 optic, 2700K CCT AND, 98CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

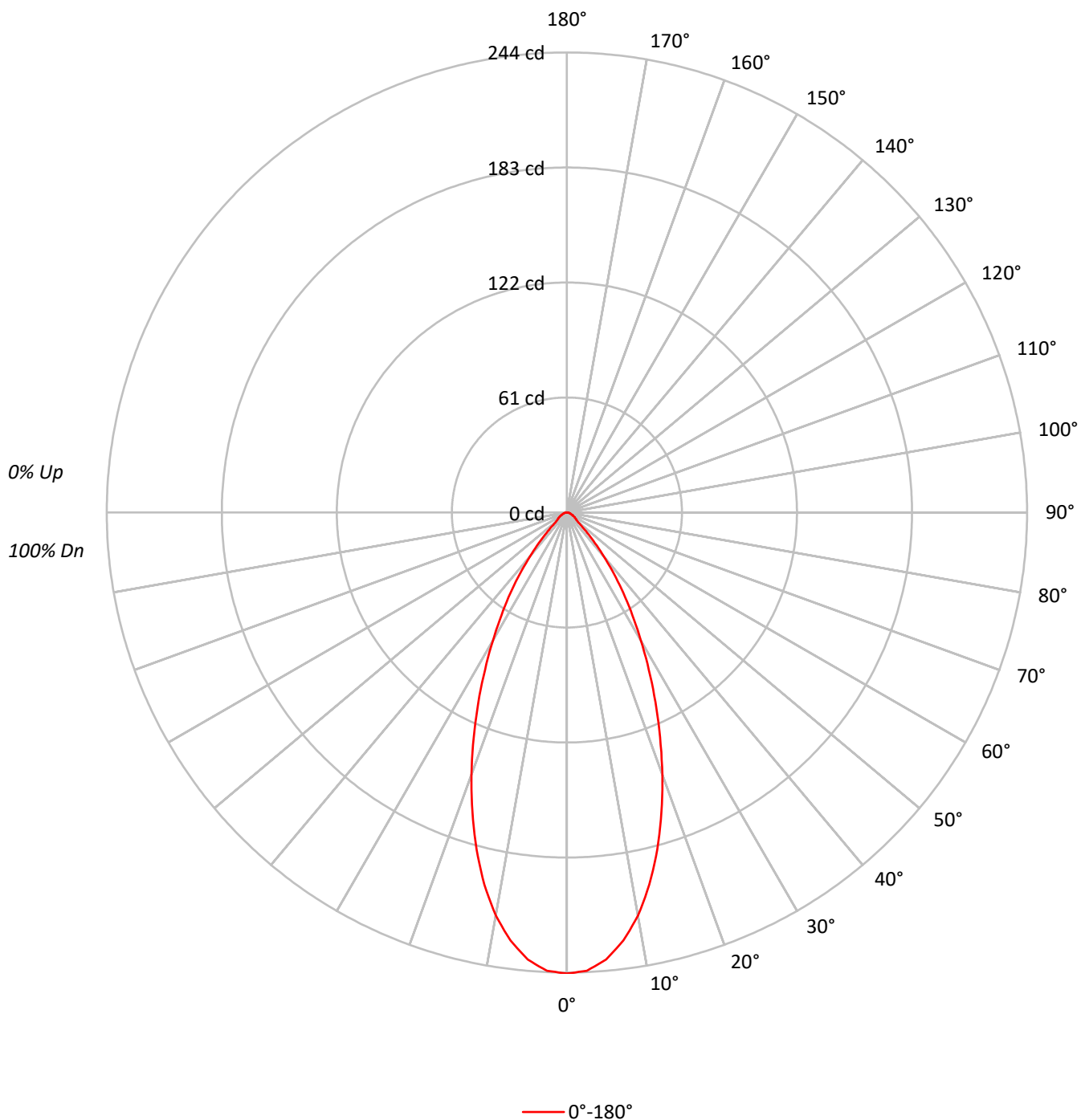
Lumens per Lamp: N/A
Luminaire Lumens: 179.9 lumens
Efficiency: N/A
Efficacy: 16.4 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1271700

CATALOG NUMBER: P3AS09R459827DE010 E3DLP1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1271700

CATALOG NUMBER: P3AS09R459827DE010 E3DLP1GPH

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	108	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	86	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	62	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°	53614
5°	52388
10°	48340
15°	42021
20°	34513
25°	26856
30°	19826
35°	13947
40°	8702
45°	4714
50°	2559
55°	2179
60°	1974
65°	1660
70°	1410
75°	1440
80°	1263
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 4714 cd/sqm

TEST NUMBER: P1271700

CATALOG NUMBER: P3AS09R459827DE010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	22.0	12.3
10°-20°	51.2	28.5
20°-30°	50.8	28.2
30°-40°	32.7	18.2
40°-50°	12.6	7.0
50°-60°	5.1	2.8
60°-70°	3.2	1.8
70°-80°	1.7	1.0
80°-90°	0.5	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°	124.0	69.0
0°-40°	156.7	87.1
0°-60°	174.4	97.0
0°-90°	179.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	179.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	244	
5°	238	22
15°	185	51
25°	111	51
35°	52	33
45°	15	13
55°	6	5
65°	3	3
75°	2	2
85°	0	1
90°	0	

TEST NUMBER: P1271700

CATALOG NUMBER: P3AS09R459827DE010 E3DLP1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	244.5
2.5°	243.3
5°	238.0
7.5°	229.0
10°	217.1
12.5°	202.1
15°	185.1
17.5°	166.7
20°	147.9
22.5°	129.0
25°	111.0
27.5°	94.1
30°	78.3
32.5°	64.6
35°	52.1
37.5°	40.9
40°	30.4
42.5°	22.0
45°	15.2
47.5°	10.2
50°	7.5
52.5°	6.2
55°	5.7
57.5°	5.0
60°	4.5
62.5°	3.7
65°	3.2
67.5°	2.7
70°	2.2
72.5°	2.0
75°	1.7
77.5°	1.2
80°	1.0
82.5°	0.7
85°	0.5
87.5°	0.2
90°	0.0

(END OF REPORT)