

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: P1254378

Luminaire Tested: P3AS09R509035DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254378
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-29)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R509035DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R50 optic, 3500K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

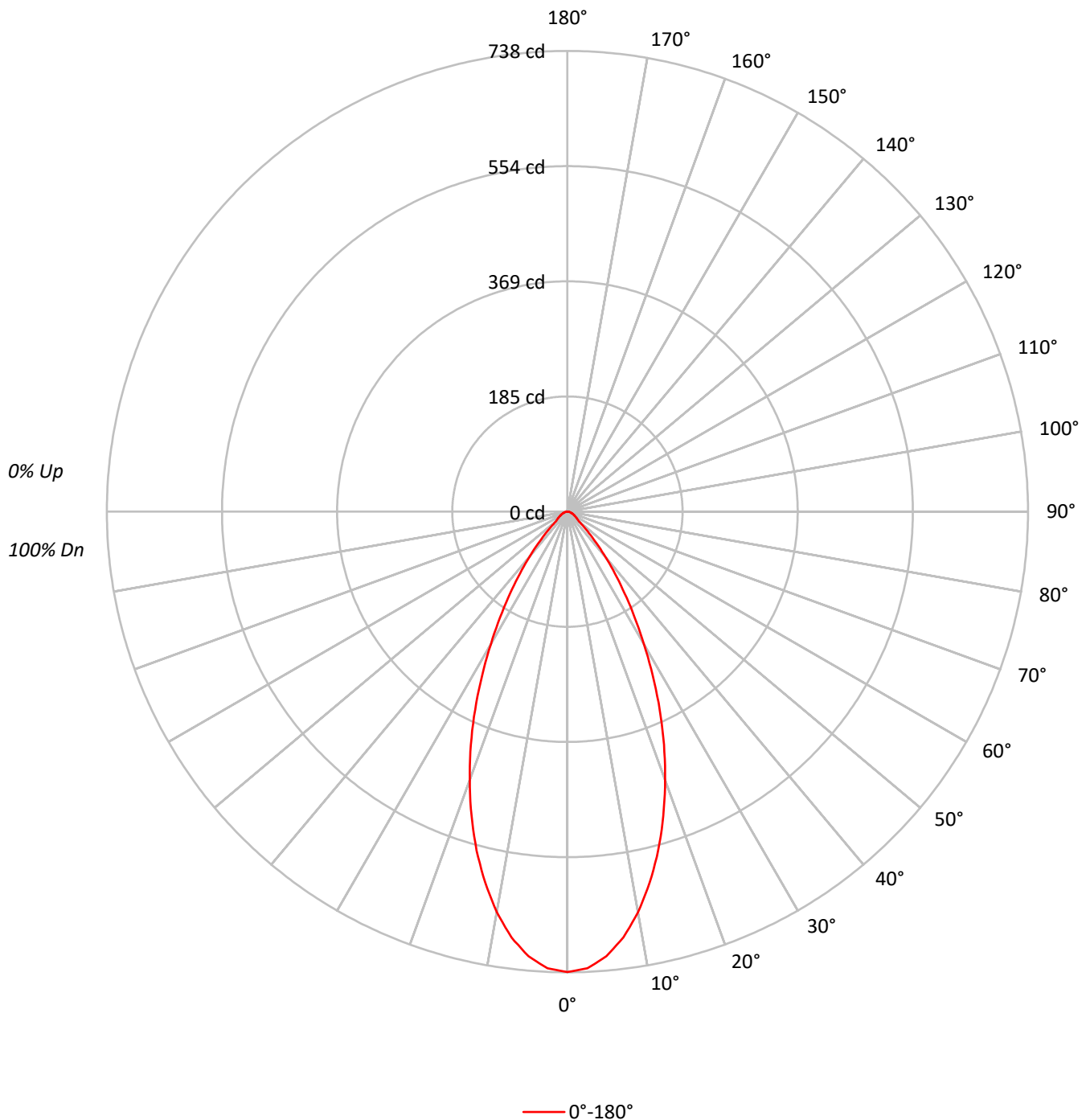
Lumens per Lamp: N/A
Luminaire Lumens: 556.0 lumens
Efficiency: N/A
Efficacy: 50.1 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.77
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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: P1254378

CATALOG NUMBER: P3AS09R509035DE010 E3DL1WH

Luminous Intensity Polar Plot





TEST NUMBER: P1254378

CATALOG NUMBER: P3AS09R509035DE010 E3DL1WH

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	105	111	108	106	103	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	101	95	89	85	99	93	88	85	91	87	83		88	85	82		86
4	96	88	82	78	94	87	82	78	85	80	77		83	79	76		81
5	91	83	76	72	90	82	76	72	80	75	71		78	74	70		77
6	87	77	71	67	85	77	71	67	75	70	66		74	69	66		72
7	82	73	67	62	81	72	66	62	71	66	62		70	65	61		68
8	78	69	63	58	77	68	62	58	67	62	58		66	61	58		65
9	75	65	59	55	74	64	59	55	63	58	55		63	58	54		62
10	71	61	56	52	70	61	55	52	60	55	51		59	55	51		59

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	161719
5°	157363
10°	145110
15°	127606
20°	106759
25°	84658
30°	62111
35°	42697
40°	27137
45°	15164
50°	8221
55°	6920
60°	5921
65°	5448
70°	4809
75°	4490
80°	3788
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 15164 cd/sqm

TEST NUMBER: P1254378

CATALOG NUMBER: P3AS09R509035DE010 E3DL1WH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	66.2	11.9
10°-20°	155.7	28.0
20°-30°	159.2	28.6
30°-40°	101.0	18.2
40°-50°	40.2	7.2
50°-60°	16.3	2.9
60°-70°	10.4	1.9
70°-80°	5.4	1.0
80°-90°	1.7	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°	381.1	68.6
0°-40°	482.1	86.7
0°-60°	538.6	96.9
0°-90°	556.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	556.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	738	
5°	715	66
15°	562	156
25°	350	159
35°	160	101
45°	49	40
55°	18	16
65°	10	10
75°	5	5
85°	2	2
90°	0	

TEST NUMBER: P1254378

CATALOG NUMBER: P3AS09R509035DE010 E3DL1WH

CANDELA DISTRIBUTION (FULL):

	0°
0°	737.5
2.5°	732.2
5°	714.9
7.5°	687.8
10°	651.7
12.5°	608.8
15°	562.1
17.5°	511.0
20°	457.5
22.5°	404.1
25°	349.9
27.5°	295.7
30°	245.3
32.5°	200.2
35°	159.5
37.5°	124.9
40°	94.8
42.5°	70.0
45°	48.9
47.5°	33.1
50°	24.1
52.5°	20.3
55°	18.1
57.5°	15.8
60°	13.5
62.5°	12.0
65°	10.5
67.5°	9.0
70°	7.5
72.5°	6.0
75°	5.3
77.5°	3.8
80°	3.0
82.5°	2.3
85°	1.5
87.5°	0.8
90°	0.0

(END OF REPORT)