

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: P1251636

Luminaire Tested: P3AS09R459030DE010 E3CD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251636
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-28)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R459030DE010 E3CD1MW
Description: 3in Adjustable LED luminaire with, R45 optic, 3000K CCT AND, 90CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

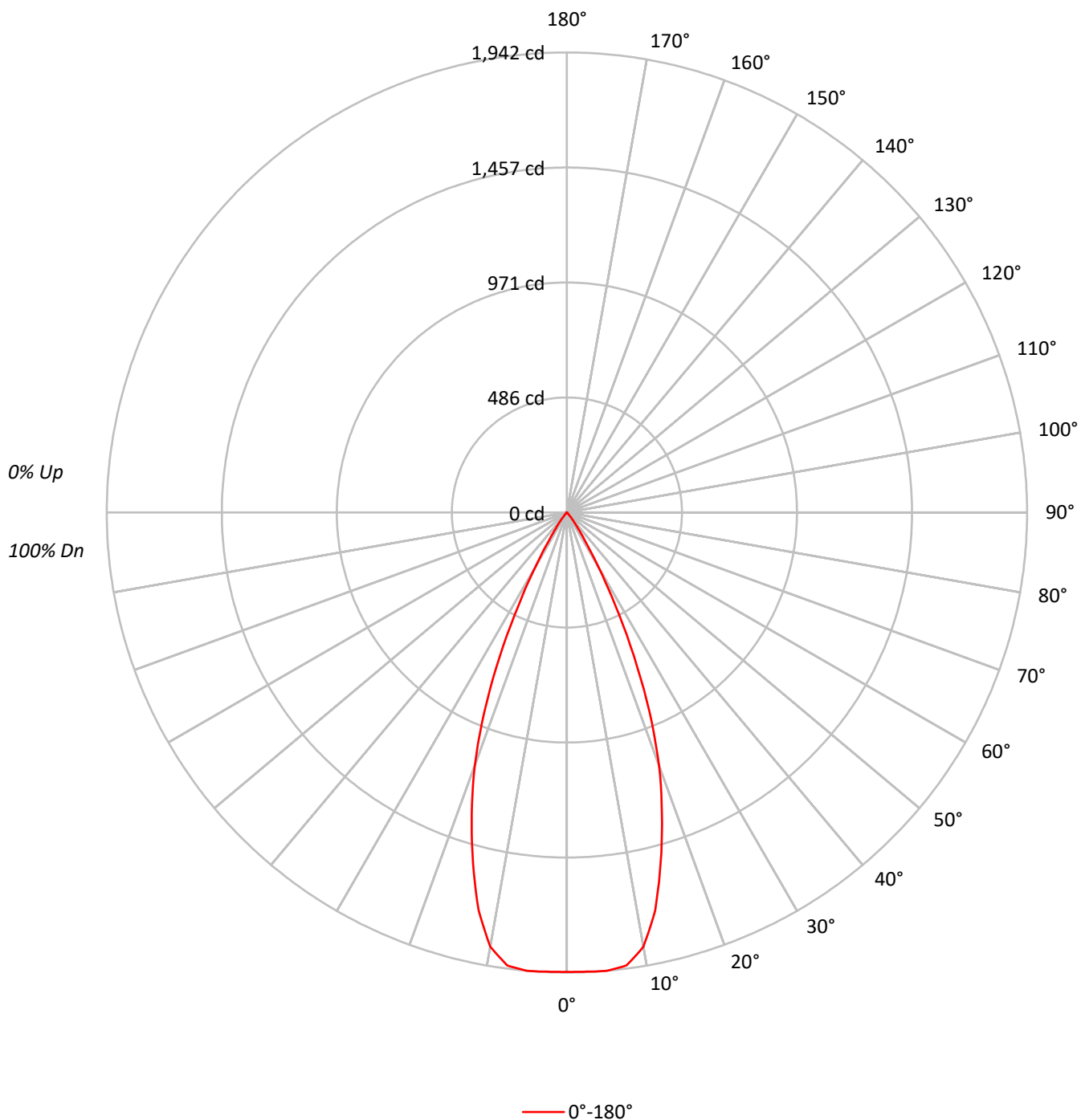
Lumens per Lamp: N/A
Luminaire Lumens: 981.0 lumens
Efficiency: N/A
Efficacy: 88.4 lumens/watt
Spacing Criteria (0/90/45): 0.72 / 0.72 / 0.66
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1251636

CATALOG NUMBER: P3AS09R459030DE010 E3CD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1251636

CATALOG NUMBER: P3AS09R459030DE010 E3CD1MW

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	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99	98	97	95
2	110	106	102	100	108	104	101	98	101	98	96		98	96	94		95	94	92	91
3	106	100	96	93	104	99	95	92	96	93	91		94	91	89		92	90	88	86
4	102	95	91	87	100	94	90	87	92	89	86		90	87	85		88	86	84	82
5	98	91	86	82	96	90	85	82	88	84	81		87	83	81		85	82	80	79
6	94	87	82	78	93	86	81	78	85	80	77		83	80	77		82	79	76	75
7	90	83	78	74	89	82	78	74	81	77	74		80	76	74		79	76	73	72
8	87	79	74	71	86	79	74	71	78	74	71		77	73	70		76	73	70	69
9	84	76	71	68	83	76	71	68	75	71	68		74	70	67		73	70	67	66
10	81	73	68	65	80	73	68	65	72	68	65		71	67	65		71	67	65	64

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	425317
5°	427580
10°	414443
15°	347312
20°	265486
25°	161622
30°	67251
35°	21549
40°	6698
45°	1364
50°	989
55°	1109
60°	965
65°	1141
70°	962
75°	1271
80°	884
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 1364 cd/sqm

TEST NUMBER: P1251636

CATALOG NUMBER: P3AS09R459030DE010 E3CD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	183.2	18.7
10°-20°	420.5	42.9
20°-30°	302.8	30.9
30°-40°	63.0	6.4
40°-50°	5.7	0.6
50°-60°	2.4	0.2
60°-70°	1.9	0.2
70°-80°	1.3	0.1
80°-90°	0.3	0.0
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°	906.4	92.4
0°-40°	969.4	98.8
0°-60°	977.5	99.6
0°-90°	981.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	981.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1940	
5°	1942	183
15°	1530	420
25°	668	303
35°	80	63
45°	4	6
55°	3	2
65°	2	2
75°	2	1
85°	0	0
90°	0	

TEST NUMBER: P1251636

CATALOG NUMBER: P3AS09R459030DE010 E3CD1MW

CANDELA DISTRIBUTION (FULL):

	0°
0°	1939.6
2.5°	1940.3
5°	1942.5
7.5°	1928.6
10°	1861.3
12.5°	1720.8
15°	1529.9
17.5°	1334.5
20°	1137.7
22.5°	911.6
25°	668.0
27.5°	440.5
30°	265.6
32.5°	148.5
35°	80.5
37.5°	45.4
40°	23.4
42.5°	10.2
45°	4.4
47.5°	2.9
50°	2.9
52.5°	2.9
55°	2.9
57.5°	2.2
60°	2.2
62.5°	2.2
65°	2.2
67.5°	1.5
70°	1.5
72.5°	1.5
75°	1.5
77.5°	0.7
80°	0.7
82.5°	0.7
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)