

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: P1254460

Luminaire Tested: P3AS09R659035DE010 E3D1WMH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254460
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-16)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R659035DE010 E3D1WMH
Description: 3in Adjustable LED luminaire with, R65 optic, 3500K CCT AND, 90CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

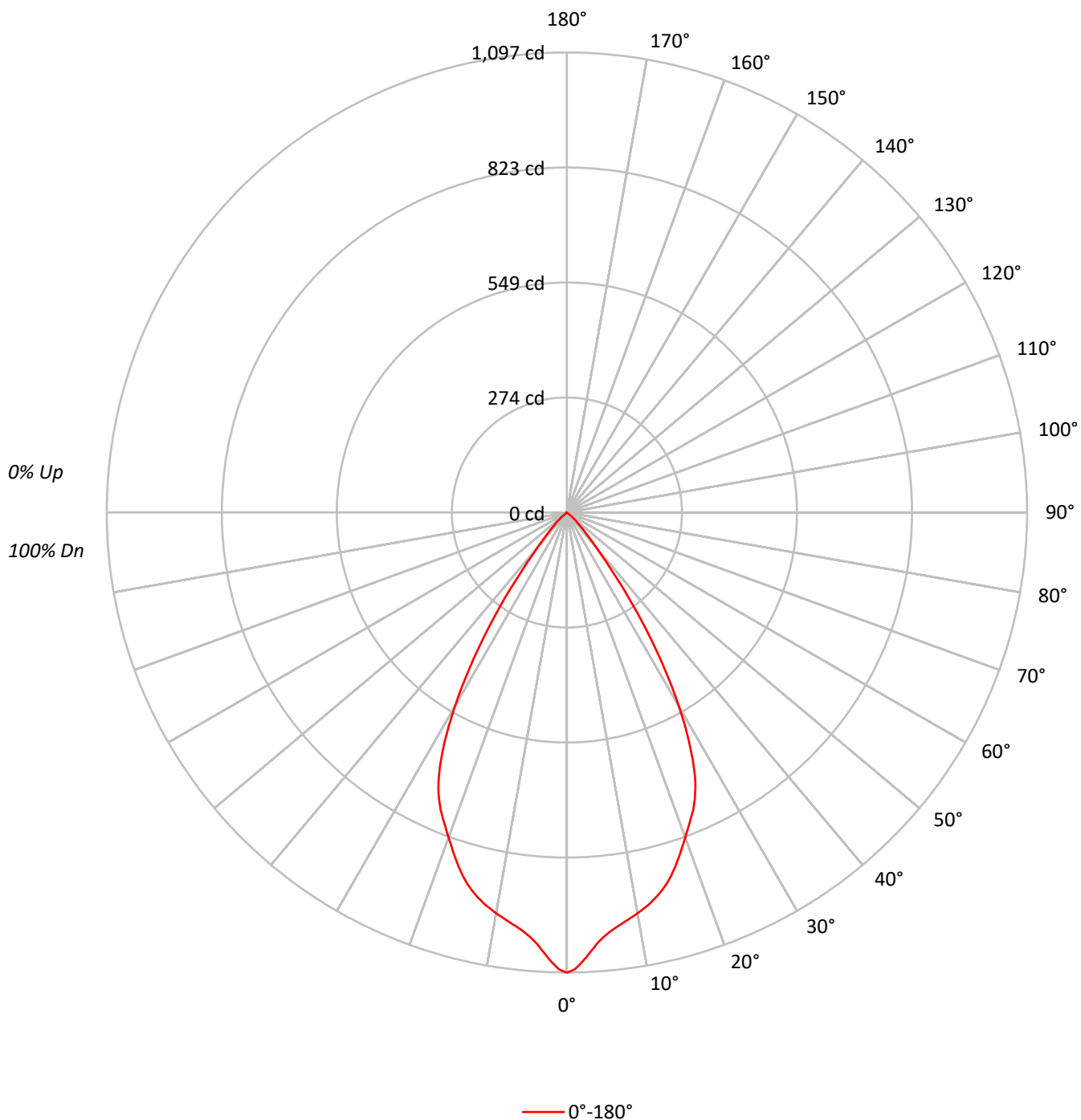
Lumens per Lamp: N/A
Luminaire Lumens: 898.0 lumens
Efficiency: N/A
Efficacy: 80.9 lumens/watt
Spacing Criteria (0/90/45): 0.92 / 0.92 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1254460

CATALOG NUMBER: P3AS09R659035DE010 E3D1WMH

Luminous Intensity Polar Plot



TEST NUMBER: P1254460

CATALOG NUMBER: P3AS09R659035DE010 E3D1WMH

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	114	111	109	106	111	109	107	105	105	103	102		101	100	99		98
2	108	104	100	96	106	102	98	95	99	96	93		96	93	91		93
3	103	97	92	88	101	95	91	88	93	89	86		90	87	85		88
4	98	91	85	81	96	90	85	81	87	83	80		85	82	79		84
5	93	85	79	75	92	84	79	75	82	78	74		81	77	74		79
6	89	80	74	70	87	79	74	70	78	73	69		76	72	69		75
7	84	75	70	65	83	75	69	65	73	69	65		72	68	65		71
8	80	71	65	61	79	71	65	61	69	64	61		68	64	61		68
9	77	67	61	58	76	67	61	57	66	61	57		65	60	57		64
10	73	64	58	54	72	63	58	54	62	57	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	240617
5°	223420
10°	216073
15°	208219
20°	192493
25°	175389
30°	135515
35°	78541
40°	31173
45°	13273
50°	3138
55°	421
60°	307
65°	208
70°	256
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 13273 cd/sqm

TEST NUMBER: P1254460

CATALOG NUMBER: P3AS09R659035DE010 E3D1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	95.7	10.7
10°-20°	255.6	28.5
20°-30°	323.5	36.0
30°-40°	184.2	20.5
40°-50°	36.6	4.1
50°-60°	1.9	0.2
60°-70°	0.5	0.1
70°-80°	0.1	0.0
80°-90°	0.0	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°	674.8	75.1
0°-40°	858.9	95.7
0°-60°	897.4	99.9
0°-90°	898.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	898.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1097	
5°	1015	96
15°	917	256
25°	725	323
35°	293	184
45°	43	37
55°	1	2
65°	0	1
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1254460

CATALOG NUMBER: P3AS09R659035DE010 E3D1WMH

CANDELA DISTRIBUTION (FULL):

0°	
0°	1097.3
1°	1089.2
2°	1071.5
3°	1050.8
4°	1030.5
5°	1015.0
6°	1003.6
7°	994.4
8°	986.2
9°	978.1
10°	970.4
11°	961.9
12°	953.0
13°	942.3
14°	930.9
15°	917.2
16°	901.0
17°	883.3
18°	864.1
19°	843.8
20°	824.9
21°	805.7
22°	788.4
23°	770.3
24°	749.3
25°	724.9
26°	695.8
27°	660.7
28°	621.2
29°	579.1
30°	535.2
31°	486.8
32°	438.9
32.5°	414.1
33°	390.1
34°	341.4
35°	293.4
36°	249.1
37°	205.2
37.5°	182.7
38°	164.6
39°	133.2
40°	108.9
42.5°	67.2
45°	42.8



TEST NUMBER: P1254460

CATALOG NUMBER: P3AS09R659035DE010 E3D1WMH

CANDELA DISTRIBUTION (continued):

	0°
47.5°	25.1
50°	9.2
52.5°	1.8
55°	1.1
57.5°	0.7
60°	0.7
62.5°	0.7
65°	0.4
67.5°	0.4
70°	0.4
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)