

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: P1246979

Luminaire Tested: P3A13R459024DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246979
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-27)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R459024DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R45 optic, 2400K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

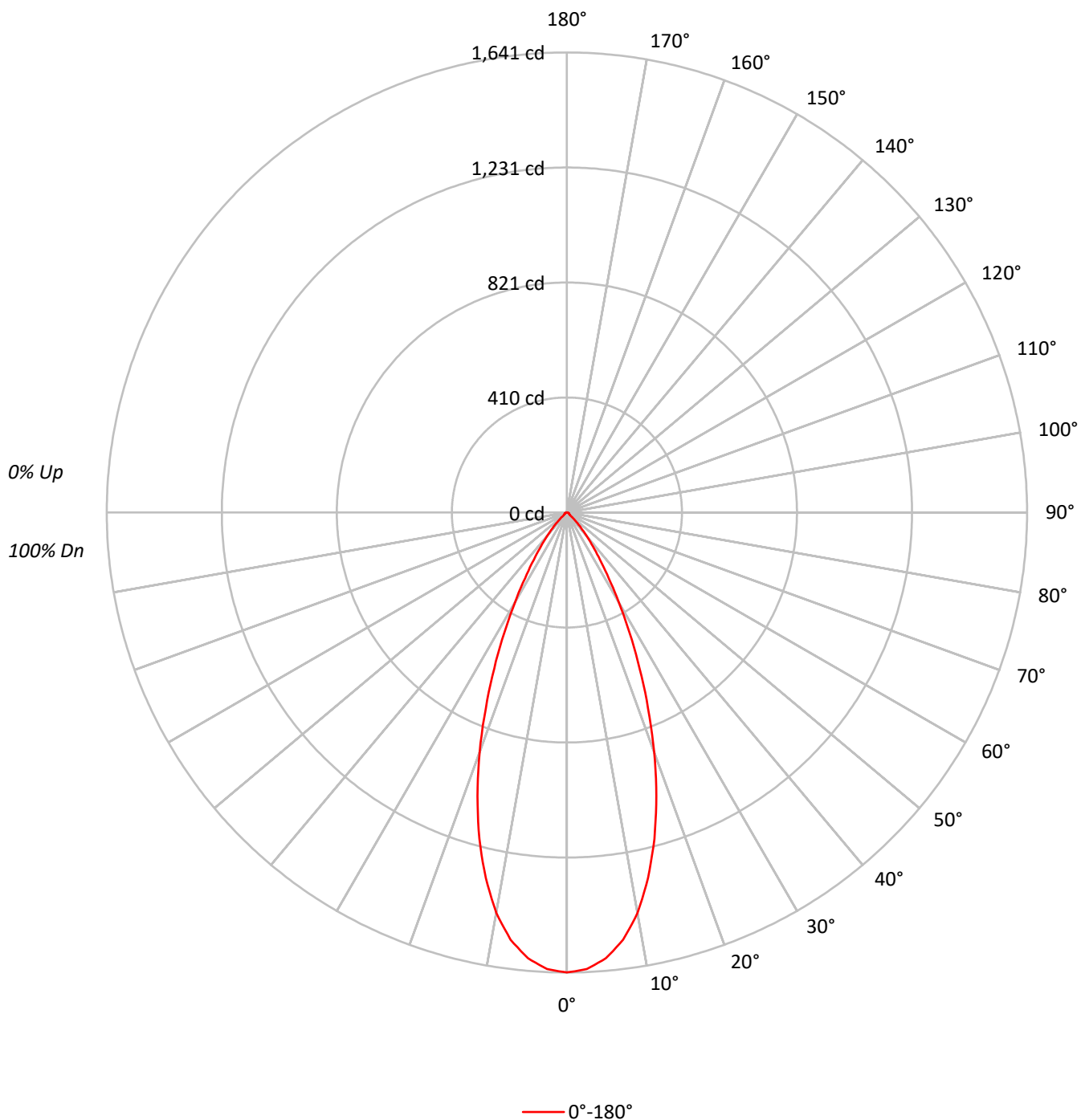
Lumens per Lamp: N/A
Luminaire Lumens: 958.0 lumens
Efficiency: N/A
Efficacy: 65.6 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.69
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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: P1246979

CATALOG NUMBER: P3A13R459024DE010 E3DL1WMH

Luminous Intensity Polar Plot



TEST NUMBER: P1246979

CATALOG NUMBER: P3A13R459024DE010 E3DL1WMH

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	107	111	109	107	105	105	103	102		101	100	99		98
2	109	104	100	97	106	102	99	96	99	96	94		96	94	92		93
3	104	98	93	89	102	96	92	88	94	90	87		91	88	86		89
4	99	92	87	83	97	91	86	82	89	85	81		87	83	80		85
5	94	87	81	77	93	86	81	77	84	80	76		82	79	76		81
6	90	82	76	73	89	81	76	72	80	75	72		78	74	71		77
7	86	78	72	68	85	77	72	68	76	71	68		75	71	67		74
8	83	74	68	65	82	73	68	64	72	68	64		71	67	64		70
9	79	70	65	61	78	70	65	61	69	64	61		68	64	61		67
10	76	67	62	58	75	67	62	58	66	61	58		65	61	58		65

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	359752
5°	351331
10°	322973
15°	273645
20°	212328
25°	148412
30°	93508
35°	55038
40°	31144
45°	15133
50°	5254
55°	4244
60°	4122
65°	3995
70°	3847
75°	3643
80°	3283
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 15133 cd/sqm

TEST NUMBER: P1246979

CATALOG NUMBER: P3A13R459024DE010 E3DL1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	147.7	15.4
10°-20°	331.0	34.6
20°-30°	281.1	29.3
30°-40°	134.1	14.0
40°-50°	40.4	4.2
50°-60°	10.2	1.1
60°-70°	7.6	0.8
70°-80°	4.5	0.5
80°-90°	1.3	0.1
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°	759.9	79.3
0°-40°	893.9	93.3
0°-60°	944.5	98.6
0°-90°	958.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	958.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1641	
5°	1596	148
15°	1205	331
25°	613	281
35°	206	134
45°	49	40
55°	11	10
65°	8	8
75°	4	5
85°	1	1
90°	0	

TEST NUMBER: P1246979

CATALOG NUMBER: P3A13R459024DE010 E3DL1WMH

CANDELA DISTRIBUTION (FULL):

0°	
0°	1640.6
2.5°	1630.4
5°	1596.1
7.5°	1537.0
10°	1450.5
12.5°	1335.6
15°	1205.4
17.5°	1060.6
20°	909.9
22.5°	756.5
25°	613.4
27.5°	483.2
30°	369.3
32.5°	277.6
35°	205.6
37.5°	151.6
40°	108.8
42.5°	75.4
45°	48.8
47.5°	27.4
50°	15.4
52.5°	12.0
55°	11.1
57.5°	10.3
60°	9.4
62.5°	8.6
65°	7.7
67.5°	6.9
70°	6.0
72.5°	5.1
75°	4.3
77.5°	3.4
80°	2.6
82.5°	1.7
85°	0.9
87.5°	0.9
90°	0.0

(END OF REPORT)