

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: P1251945

Luminaire Tested: P3AS13R259030DE010 E3DLP1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251945
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R259030DE010 E3DLP1WMH
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

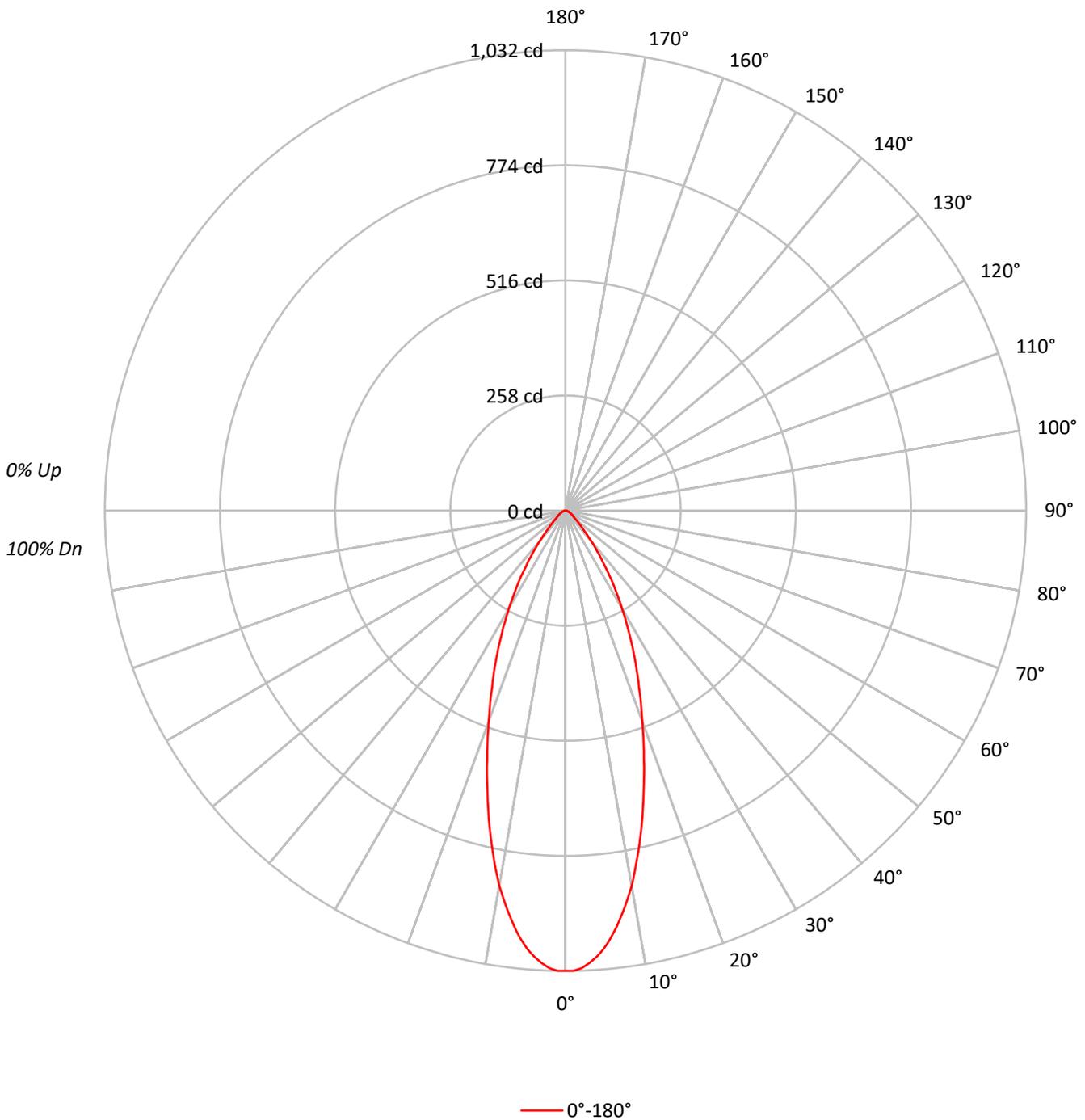
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 623.0 lumens
Efficiency: N/A
Efficacy: 42.7 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
Input Voltage (V): NR
Input Current (A_{in}): 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

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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				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	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100
1	113	110	108	105	111	108	106	104	104	102	101	100	99	98	97	96	95	93	93	93	93
2	107	102	98	95	105	101	97	94	97	94	92	94	92	90	92	90	88	86	86	86	86
3	102	95	90	86	100	94	89	86	91	87	84	89	86	83	87	84	82	80	80	80	80
4	97	89	84	79	95	88	83	79	86	81	78	84	80	77	82	79	76	75	75	75	75
5	92	84	78	74	91	83	77	73	81	76	73	79	75	72	78	74	71	70	70	70	70
6	88	79	73	69	86	78	72	68	77	72	68	75	71	67	74	70	67	66	66	66	66
7	84	74	68	64	82	74	68	64	72	67	64	71	67	63	70	66	63	62	62	62	62
8	80	70	65	60	79	70	64	60	69	64	60	68	63	60	67	63	60	58	58	58	58
9	76	67	61	57	75	66	61	57	65	60	57	65	60	57	64	59	56	55	55	55	55
10	73	64	58	54	72	63	58	54	62	57	54	62	57	54	61	57	54	52	52	52	52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	226188
5°	216993
10°	190088
15°	152805
20°	117400
25°	88820
30°	64187
35°	42643
40°	25848
45°	15071
50°	9620
55°	7799
60°	6798
65°	6071
70°	5001
75°	4914
80°	3662
85°	4780

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 15071 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	89.7	14.4
10°-20°	186.1	29.9
20°-30°	168.3	27.0
30°-40°	101.1	16.2
40°-50°	40.2	6.4
50°-60°	18.5	3.0
60°-70°	11.3	1.8
70°-80°	6.0	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°	444.2	71.3
0°-40°	545.3	87.5
0°-60°	604.0	96.9
0°-90°	623.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	623.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1032	
5°	986	90
15°	673	186
25°	367	168
35°	159	101
45°	49	40
55°	20	19
65°	12	11
75°	6	6
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1031.5
1°	1031.5
2°	1026.6
3°	1015.9
4°	1002.3
5°	985.8
6°	964.5
7°	940.2
8°	912.0
9°	883.8
10°	853.7
11°	818.8
12°	782.8
13°	746.9
14°	711.0
15°	673.1
17.5°	583.7
20°	503.1
22.5°	430.3
25°	367.1
27.5°	307.9
30°	253.5
32.5°	204.0
35°	159.3
37.5°	121.4
40°	90.3
42.5°	66.0
45°	48.6
47.5°	36.9
50°	28.2
52.5°	23.3
55°	20.4
57.5°	17.5
60°	15.5
62.5°	12.6
65°	11.7
67.5°	9.7
70°	7.8
72.5°	6.8
75°	5.8
77.5°	4.9
80°	2.9
82.5°	1.9
85°	1.9
87.5°	1.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)