

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: P1287678

Luminaire Tested: P3AS17R659030D2WDE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287678
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-41)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R659030D2WDE010 E3DL1WH
Description: 3in Adjustable Dim to Warm LED luminaire with, R65 optic, 3000K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

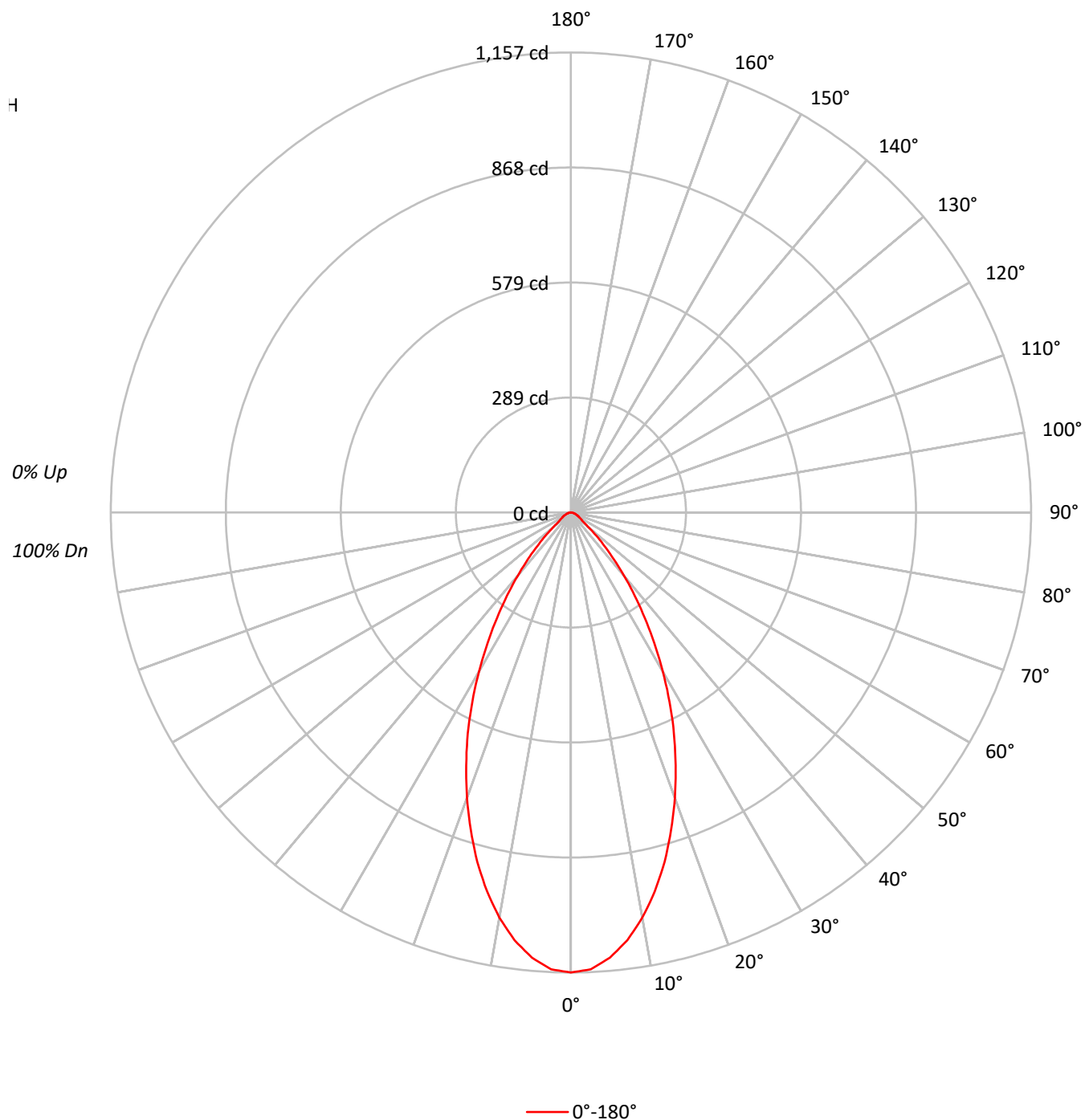
Lumens per Lamp: N/A
Luminaire Lumens: 998.0 lumens
Efficiency: N/A
Efficacy: 36.6 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.3
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

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Luminous Intensity Polar Plot



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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	110	108	105	103	104	102	100		100	98	97		96
2	107	101	97	93	104	100	96	92	96	93	90		93	91	88		90
3	101	94	88	84	99	92	87	83	90	85	82		87	84	81		85
4	95	87	81	76	93	86	80	76	84	79	75		82	78	74		80
5	90	81	75	70	88	80	74	70	78	73	69		77	72	69		75
6	85	76	69	65	84	75	69	65	73	68	64		72	67	64		71
7	81	71	65	60	79	70	64	60	69	64	60		68	63	59		67
8	77	67	60	56	75	66	60	56	65	59	56		64	59	55		63
9	73	63	57	52	72	62	56	52	61	56	52		60	55	52		59
10	69	59	53	49	68	59	53	49	58	53	49		57	52	49		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	253686
5°	247369
10°	230345
15°	206448
20°	178282
25°	148315
30°	116955
35°	86652
40°	59712
45°	37027
50°	20127
55°	12654
60°	10745
65°	9703
70°	8271
75°	7286
80°	7324
85°	7296

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 37027 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	104.4	10.5
10°-20°	252.7	25.3
20°-30°	279.5	28.0
30°-40°	203.0	20.3
40°-50°	95.1	9.5
50°-60°	32.0	3.2
60°-70°	18.5	1.9
70°-80°	9.7	1.0
80°-90°	3.1	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°	636.6	63.8
0°-40°	839.6	84.1
0°-60°	966.7	96.9
0°-90°	998.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	998.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1157	
5°	1124	104
15°	909	253
25°	613	279
35°	324	203
45°	119	95
55°	33	32
65°	19	18
75°	9	10
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1156.9
2.5°	1149.7
5°	1123.8
7.5°	1084.9
10°	1034.5
12.5°	975.6
15°	909.4
17.5°	837.4
20°	764.0
22.5°	687.8
25°	613.0
27.5°	536.7
30°	461.9
32.5°	389.9
35°	323.7
37.5°	263.3
40°	208.6
42.5°	159.7
45°	119.4
47.5°	86.3
50°	59.0
52.5°	40.3
55°	33.1
57.5°	28.8
60°	24.5
62.5°	21.6
65°	18.7
67.5°	15.8
70°	12.9
72.5°	11.5
75°	8.6
77.5°	7.2
80°	5.8
82.5°	4.3
85°	2.9
87.5°	1.4
90°	0.0

(END OF REPORT)