

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: P1287400

Luminaire Tested: P3AS17R159030D2WDE010 E3DLP1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287400
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R159030D2WDE010 E3DLP1WMH
Description: 3in Adjustable Dim to Warm LED luminaire with, R15 optic, 3000K CCT AND, 90CRI ,
E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

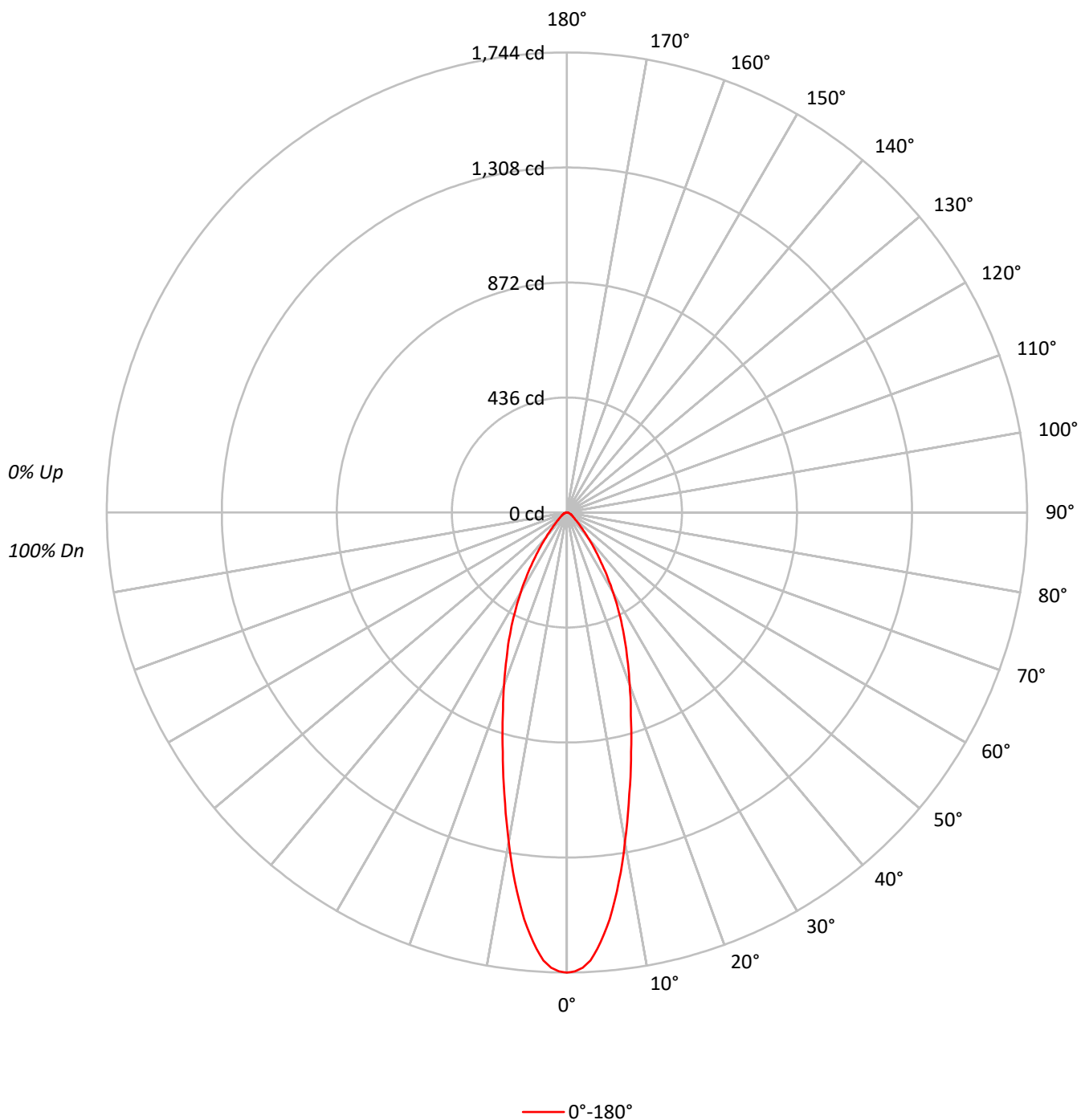
Lumens per Lamp: N/A
Luminaire Lumens: 887.0 lumens
Efficiency: N/A
Efficacy: 32.5 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1287400

CATALOG NUMBER: P3AS17R159030D2WDE010 E3DLP1WMH

Luminous Intensity Polar Plot



TEST NUMBER: P1287400

CATALOG NUMBER: P3AS17R159030D2WDE010 E3DLP1WMH

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	108	106	111	108	106	104	104	102	101		100	99	98		97
2	108	103	98	95	105	101	97	94	98	95	92		95	92	90		92
3	102	96	91	87	100	94	90	86	92	88	85		89	86	83		87
4	97	90	84	80	95	88	83	79	86	82	78		84	81	78		82
5	93	84	78	74	91	83	78	74	81	77	73		80	76	72		78
6	88	79	73	69	87	79	73	69	77	72	69		76	71	68		74
7	84	75	69	65	83	74	69	65	73	68	64		72	67	64		71
8	80	71	65	61	79	71	65	61	69	64	61		68	64	61		67
9	77	68	62	58	76	67	62	58	66	61	58		65	61	57		64
10	74	64	59	55	73	64	59	55	63	58	55		62	58	55		62

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	382491
5°	353510
10°	282226
15°	213191
20°	162344
25°	123709
30°	88621
35°	57848
40°	35466
45°	21429
50°	14260
55°	11010
60°	9473
65°	8198
70°	7373
75°	7286
80°	5430
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 21429 cd/sqm

TEST NUMBER: P1287400

CATALOG NUMBER: P3AS17R159030D2WDE010 E3DLP1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	142.3	16.0
10°-20°	262.5	29.6
20°-30°	233.7	26.3
30°-40°	138.3	15.6
40°-50°	56.7	6.4
50°-60°	26.7	3.0
60°-70°	16.2	1.8
70°-80°	8.5	1.0
80°-90°	2.1	0.2
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°	638.5	72.0
0°-40°	776.7	87.6
0°-60°	860.1	97.0
0°-90°	887.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	887.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1744	
5°	1606	142
15°	939	262
25°	511	234
35°	216	138
45°	69	57
55°	29	27
65°	16	16
75°	9	9
85°	1	2
90°	0	

TEST NUMBER: P1287400

CATALOG NUMBER: P3AS17R159030D2WDE010 E3DLP1WMH

CANDELA DISTRIBUTION (FULL):

0°	
0°	1744.3
1°	1740.0
2°	1727.0
3°	1701.1
4°	1657.9
5°	1606.0
6°	1549.9
7°	1483.6
8°	1414.5
9°	1343.9
10°	1267.5
12.5°	1093.3
15°	939.1
17.5°	806.6
20°	695.7
22.5°	597.8
25°	511.3
27.5°	427.8
30°	350.0
32.5°	279.4
35°	216.1
37.5°	165.6
40°	123.9
42.5°	92.2
45°	69.1
47.5°	53.3
50°	41.8
52.5°	34.6
55°	28.8
57.5°	24.5
60°	21.6
62.5°	18.7
65°	15.8
67.5°	14.4
70°	11.5
72.5°	10.1
75°	8.6
77.5°	5.8
80°	4.3
82.5°	2.9
85°	1.4
87.5°	1.4
90°	0.0

(END OF REPORT)