

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: P1287383

Luminaire Tested: P3AS17R159030D2WDE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287383
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R159030D2WDE010 E3DL1GPH
Description: 3in Adjustable Dim to Warm LED luminaire with, R15 optic, 3000K CCT AND, 90CRI ,
E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

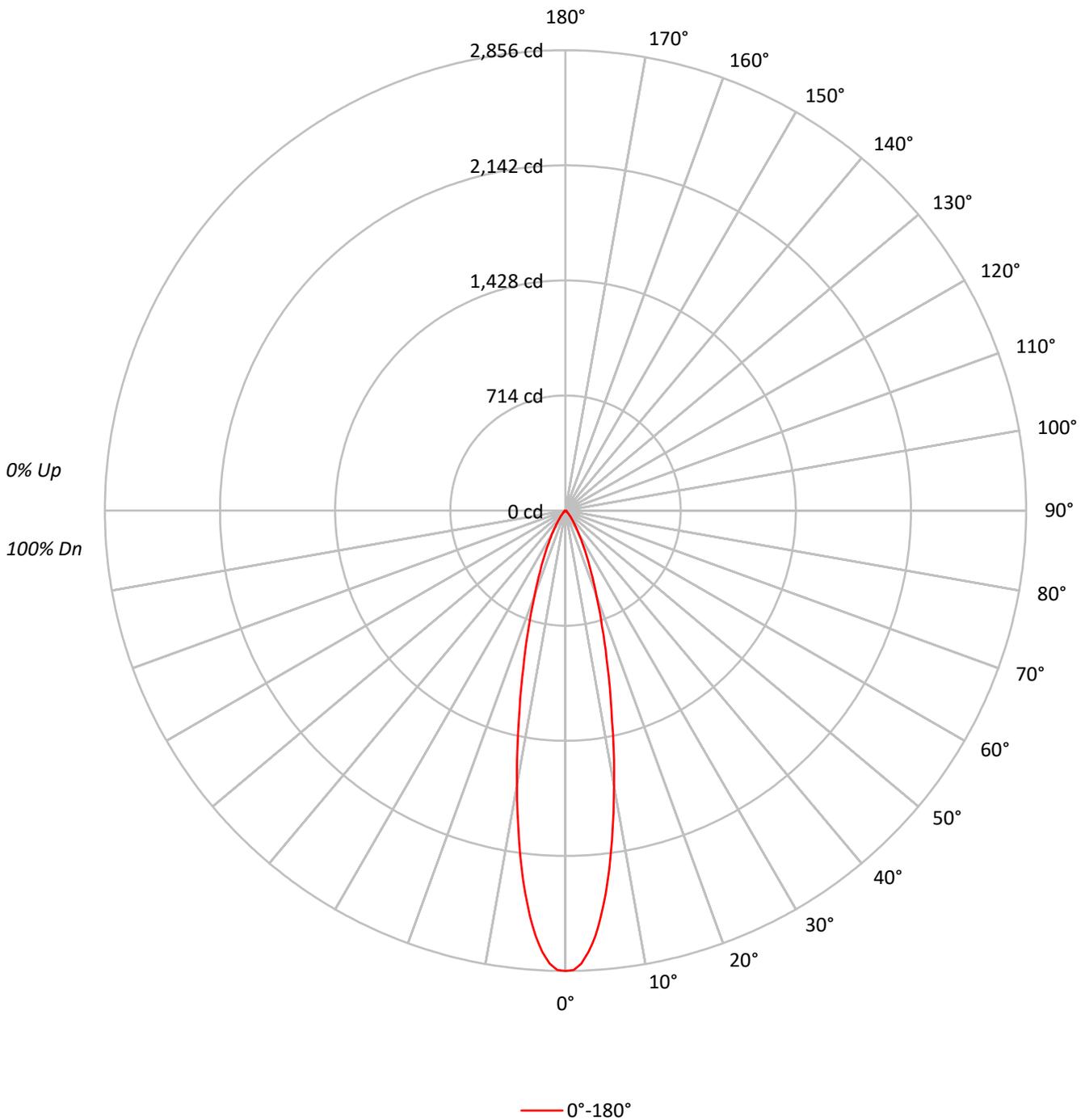
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 733.0 lumens
Efficiency: N/A
Efficacy: 26.8 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
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: P1287383
CATALOG NUMBER: P3AS17R159030D2WDE010 E3DL1GPH

Luminous Intensity Polar Plot





TEST NUMBER: P1287383
 CATALOG NUMBER: P3AS17R159030D2WDE010 E3DL1GPH

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	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	102	102	102	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	97	97	97	95
2	110	106	103	100	108	104	101	99	101	99	97	98	96	95	96	94	93	93	93	93	91
3	106	101	97	93	104	99	96	93	97	94	91	94	92	90	92	90	88	88	88	88	87
4	102	96	92	88	100	95	91	88	93	89	87	91	88	86	89	87	85	85	85	85	83
5	98	92	87	84	97	91	87	83	89	86	83	88	84	82	86	83	81	81	81	81	80
6	95	88	83	80	94	87	83	80	86	82	79	85	81	79	83	80	78	78	78	78	77
7	92	85	80	77	91	84	80	76	83	79	76	82	78	76	81	78	75	75	75	75	74
8	89	81	77	74	88	81	77	73	80	76	73	79	75	73	78	75	73	73	73	73	72
9	86	79	74	71	85	78	74	71	77	73	71	77	73	70	76	73	70	70	70	70	69
10	84	76	71	68	83	76	71	68	75	71	68	74	71	68	74	70	68	68	68	68	67

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	626178
5°	555821
10°	385987
15°	228265
20°	130001
25°	74327
30°	41120
35°	21924
40°	12137
45°	6574
50°	4094
55°	3250
60°	2807
65°	2542
70°	2244
75°	2372
80°	1768
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 6574 cd/sqm



TEST NUMBER: P1287383

CATALOG NUMBER: P3AS17R159030D2WDE010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	214.7	29.3
10°-20°	283.4	38.7
20°-30°	145.9	19.9
30°-40°	54.8	7.5
40°-50°	17.9	2.4
50°-60°	7.7	1.1
60°-70°	4.9	0.7
70°-80°	2.9	0.4
80°-90°	0.8	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°	644.0	87.9
0°-40°	698.8	95.3
0°-60°	724.5	98.8
0°-90°	733.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	733.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2856	
5°	2525	215
15°	1006	283
25°	307	146
35°	82	55
45°	21	18
55°	8	8
65°	5	5
75°	3	3
85°	1	1
90°	0	



TEST NUMBER: P1287383
CATALOG NUMBER: P3AS17R159030D2WDE010 E3DL1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	2855.6
1°	2849.9
2°	2812.5
3°	2741.2
4°	2647.3
5°	2525.1
6°	2386.7
7°	2234.9
8°	2066.1
9°	1899.5
10°	1733.5
12.5°	1333.9
15°	1005.5
17.5°	752.7
20°	557.1
22.5°	415.9
25°	307.2
27.5°	223.8
30°	162.4
32.5°	115.1
35°	81.9
37.5°	58.6
40°	42.4
42.5°	30.4
45°	21.2
47.5°	15.5
50°	12.0
52.5°	9.9
55°	8.5
57.5°	7.1
60°	6.4
62.5°	5.6
65°	4.9
67.5°	4.2
70°	3.5
72.5°	3.5
75°	2.8
77.5°	2.1
80°	1.4
82.5°	1.4
85°	0.7
87.5°	0.0
90°	0.0

(END OF REPORT)