

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: P1255075

Luminaire Tested: P3AS17R359035DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255075
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R359035DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

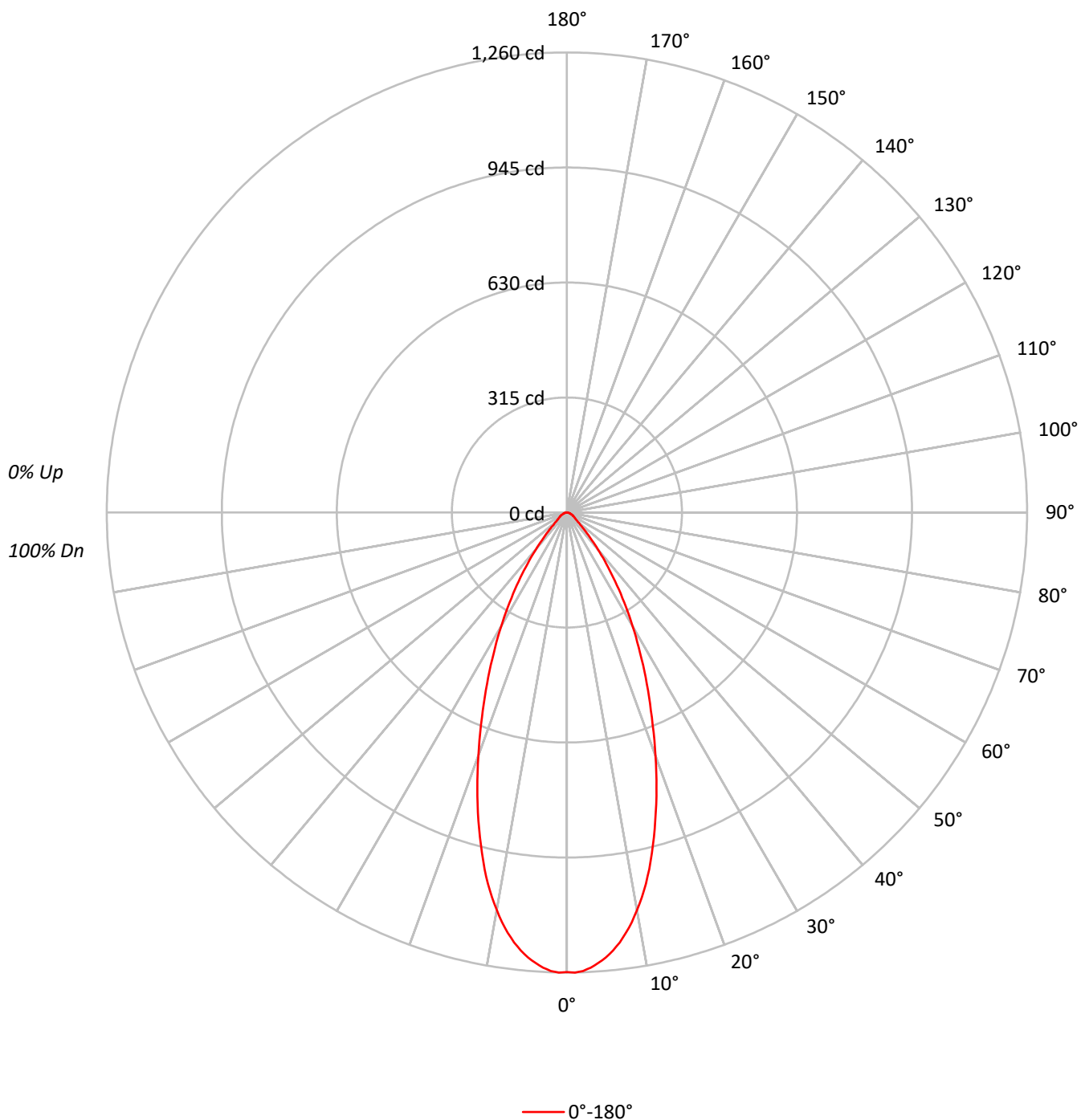
Lumens per Lamp: N/A
Luminaire Lumens: 859.0 lumens
Efficiency: N/A
Efficacy: 40.5 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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: P1255075

CATALOG NUMBER: P3AS17R359035DE010 E3DL1WH

Luminous Intensity Polar Plot



TEST NUMBER: P1255075

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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	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	94	105	100	97	93	97	94	91		94	92	89		91
3	102	95	90	86	100	94	89	85	91	87	84		89	85	82		86
4	97	89	83	79	95	88	82	78	86	81	77		84	80	77		82
5	92	83	77	73	90	82	77	73	81	76	72		79	75	71		77
6	87	78	72	68	86	77	72	68	76	71	67		75	70	67		73
7	83	74	68	63	82	73	67	63	72	67	63		71	66	63		69
8	79	70	64	60	78	69	63	59	68	63	59		67	62	59		66
9	76	66	60	56	75	66	60	56	65	59	56		64	59	56		63
10	72	63	57	53	71	62	57	53	61	56	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	276096
5°	269293
10°	246199
15°	208991
20°	165424
25°	125112
30°	91103
35°	61596
40°	37871
45°	21739
50°	13100
55°	10628
60°	9298
65°	8250
70°	6796
75°	6693
80°	6693
85°	6542

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 21739 cd/sqm

TEST NUMBER: P1255075

CATALOG NUMBER: P3AS17R359035DE010 E3DL1WH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	113.1	13.2
10°-20°	253.8	29.5
20°-30°	237.4	27.6
30°-40°	145.3	16.9
40°-50°	57.3	6.7
50°-60°	25.2	2.9
60°-70°	15.7	1.8
70°-80°	8.4	1.0
80°-90°	2.9	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°	604.2	70.3
0°-40°	749.6	87.3
0°-60°	832.1	96.9
0°-90°	859.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	859.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1259	
5°	1223	113
15°	921	254
25°	517	237
35°	230	145
45°	70	57
55°	28	25
65°	16	16
75°	8	8
85°	3	3
90°	0	

TEST NUMBER: P1255075

CATALOG NUMBER: P3AS17R359035DE010 E3DL1WH

CANDELA DISTRIBUTION (FULL):

0°	
0°	1259.1
1°	1260.5
2°	1256.5
3°	1248.6
4°	1236.7
5°	1223.4
6°	1206.2
7°	1186.4
8°	1162.6
9°	1136.1
10°	1105.7
11°	1074.0
12°	1039.6
13°	1002.6
14°	961.6
15°	920.6
17.5°	814.7
20°	708.9
22.5°	607.1
25°	517.1
27.5°	433.8
30°	359.8
32.5°	291.0
35°	230.1
37.5°	175.9
40°	132.3
42.5°	95.2
45°	70.1
47.5°	50.3
50°	38.4
52.5°	31.7
55°	27.8
57.5°	23.8
60°	21.2
62.5°	18.5
65°	15.9
67.5°	13.2
70°	10.6
72.5°	9.3
75°	7.9
77.5°	6.6
80°	5.3
82.5°	4.0
85°	2.6
87.5°	1.3



TEST NUMBER: P1255075

CATALOG NUMBER: P3AS17R359035DE010 E3DL1WH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)