

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: P1266795

Luminaire Tested: P3A05R559735DE010 E3DL1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1266795
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-35)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R559735DE010 E3DL1LI
Description: 3in Adjustable LED luminaire with, R55 optic, 3500K CCT AND, 97CRI , E3DL1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

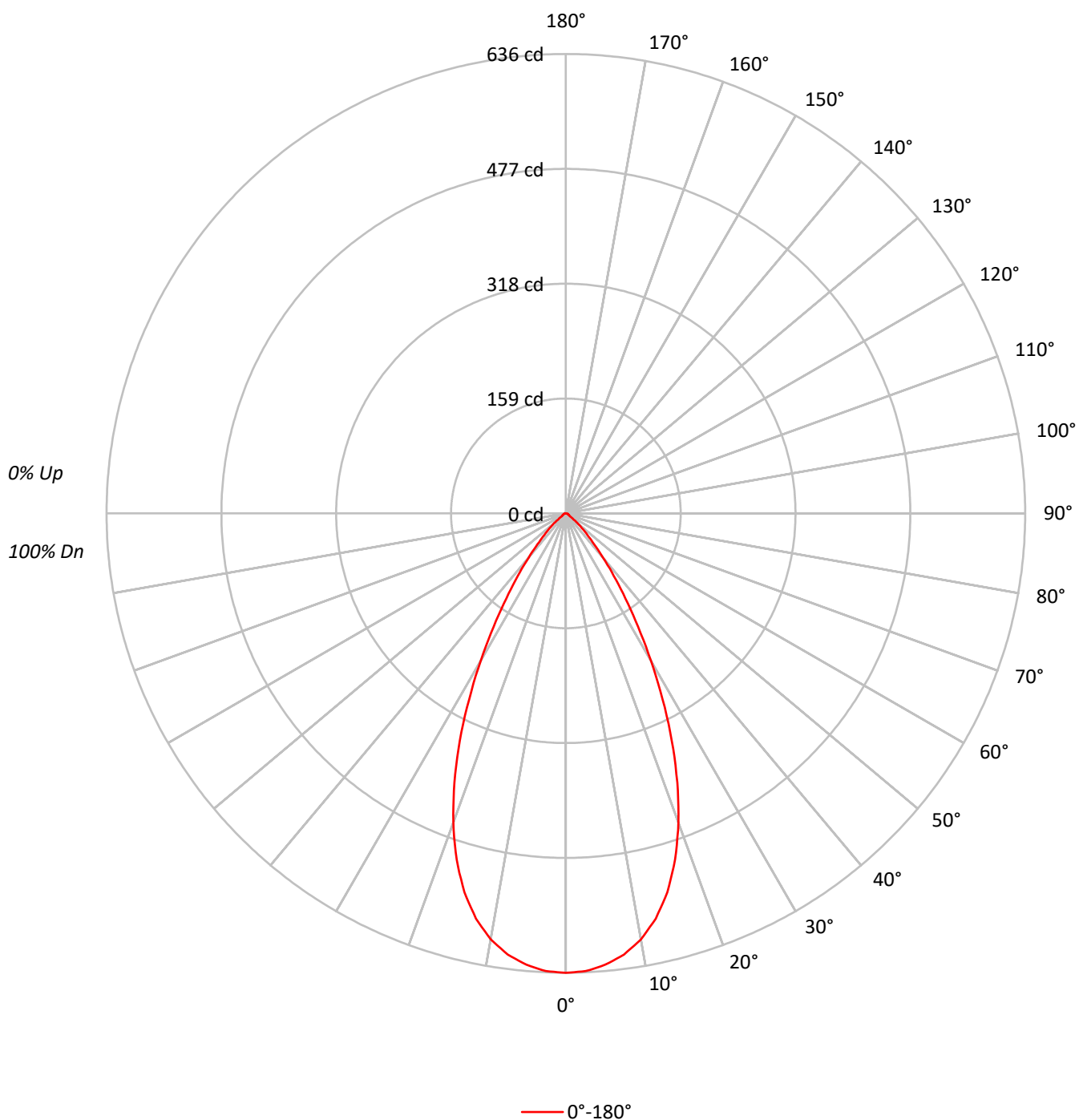
Lumens per Lamp: N/A
Luminaire Lumens: 508.0 lumens
Efficiency: N/A
Efficacy: 70.6 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.81
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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: P1266795

CATALOG NUMBER: P3A05R559735DE010 E3DL1LI

Luminous Intensity Polar Plot



TEST NUMBER: P1266795

CATALOG NUMBER: P3A05R559735DE010 E3DL1LI

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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	113	111	108	106	111	108	106	104	104	103	101	101	99	98	97	96	95	93		
2	108	103	99	95	106	101	97	94	98	95	92	95	92	90	92	90	88	87		
3	102	96	91	87	100	94	90	86	92	88	85	89	86	83	87	85	82	81		
4	97	90	84	80	95	89	83	79	86	82	78	84	81	78	82	79	77	75		
5	92	84	78	74	91	83	78	74	81	77	73	80	76	72	78	75	72	70		
6	88	79	73	69	86	78	73	68	77	72	68	75	71	68	74	70	67	66		
7	84	74	68	64	82	74	68	64	72	67	64	71	67	63	70	66	63	62		
8	80	70	64	60	78	70	64	60	69	63	60	67	63	60	67	62	59	58		
9	76	66	61	57	75	66	60	56	65	60	56	64	59	56	63	59	56	55		
10	73	63	57	53	72	62	57	53	62	57	53	61	56	53	60	56	53	52		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	139484
5°	138080
10°	133353
15°	123247
20°	106363
25°	84005
30°	59579
35°	38414
40°	23072
45°	12994
50°	6993
55°	2485
60°	2237
65°	2179
70°	2116
75°	1949
80°	1768
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12994 cd/sqm

TEST NUMBER: P1266795

CATALOG NUMBER: P3A05R559735DE010 E3DL1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	59.0	11.6
10°-20°	150.1	29.6
20°-30°	157.3	31.0
30°-40°	91.8	18.1
40°-50°	34.3	6.8
50°-60°	8.1	1.6
60°-70°	4.2	0.8
70°-80°	2.5	0.5
80°-90°	0.7	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°	366.5	72.1
0°-40°	458.3	90.2
0°-60°	500.7	98.6
0°-90°	508.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	508.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	636	
5°	627	59
15°	543	150
25°	347	157
35°	144	92
45°	42	34
55°	6	8
65°	4	4
75°	2	2
85°	0	1
90°	0	

TEST NUMBER: P1266795

CATALOG NUMBER: P3A05R559735DE010 E3DL1LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	636.1
2.5°	634.3
5°	627.3
7.5°	616.1
10°	598.9
12.5°	574.6
15°	542.9
17.5°	502.9
20°	455.8
22.5°	403.1
25°	347.2
27.5°	289.9
30°	235.3
32.5°	185.9
35°	143.5
37.5°	109.1
40°	80.6
42.5°	57.8
45°	41.9
47.5°	30.3
50°	20.5
52.5°	11.7
55°	6.5
57.5°	5.6
60°	5.1
62.5°	4.7
65°	4.2
67.5°	3.7
70°	3.3
72.5°	2.8
75°	2.3
77.5°	1.9
80°	1.4
82.5°	0.9
85°	0.5
87.5°	0.5
90°	0.0

(END OF REPORT)