

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: P1265273

Luminaire Tested: P3A13R659730DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265273
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: P3A13R659730DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R65 optic, 3000K CCT AND, 97CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

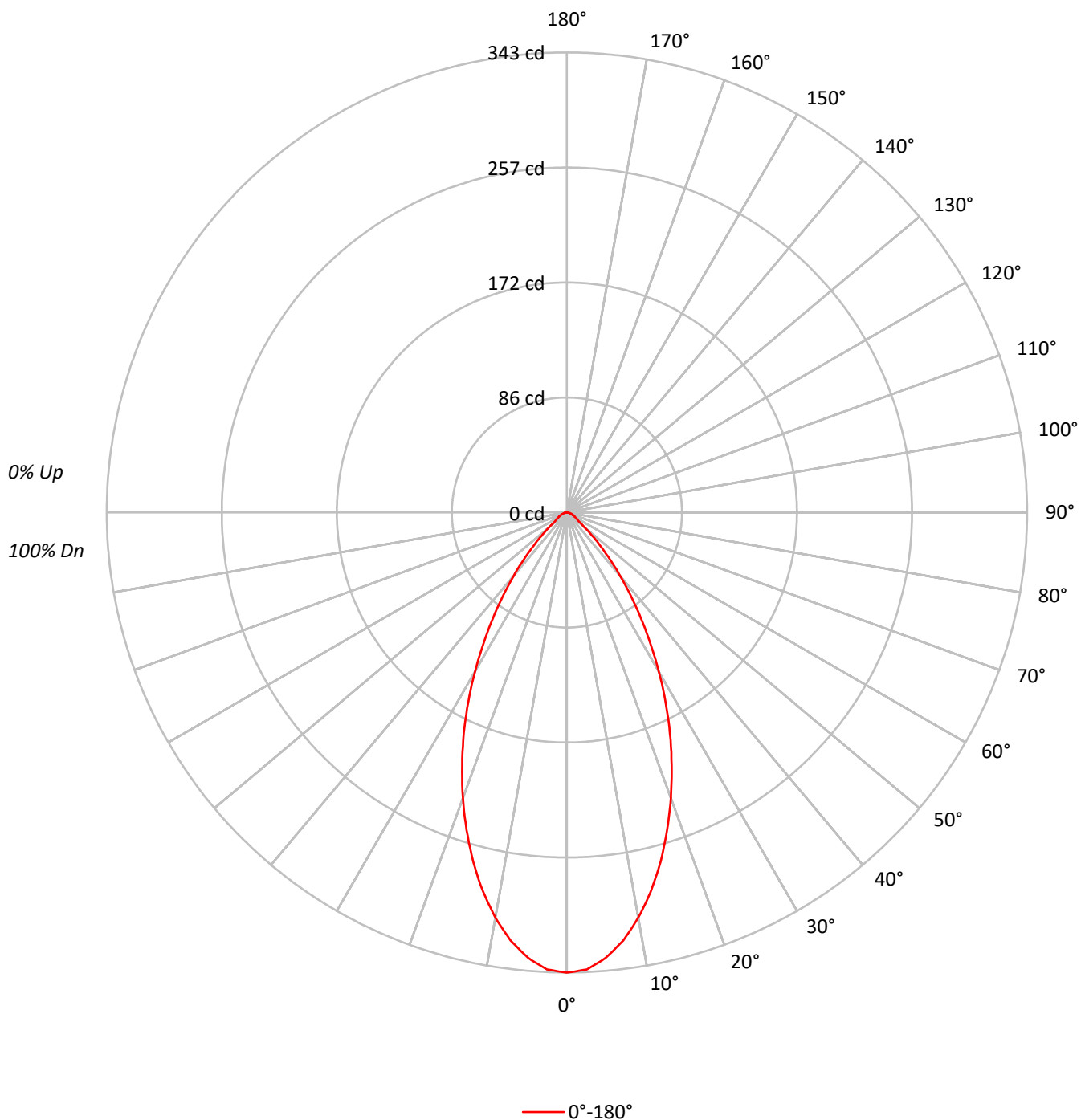
Lumens per Lamp: N/A
Luminaire Lumens: 296.0 lumens
Efficiency: N/A
Efficacy: 20.3 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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: P1265273

CATALOG NUMBER: P3A13R659730DE010 E3DLP1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1265273

CATALOG NUMBER: P3A13R659730DE010 E3DLP1GPH

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	77	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°	75235
5°	73365
10°	68313
15°	61226
20°	52878
25°	43986
30°	34689
35°	25698
40°	17719
45°	10978
50°	5970
55°	3747
60°	3201
65°	2854
70°	2436
75°	2203
80°	2147
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10978 cd/sqm

TEST NUMBER: P1265273

CATALOG NUMBER: P3A13R659730DE010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	31.0	10.5
10°-20°	75.0	25.3
20°-30°	82.9	28.0
30°-40°	60.2	20.3
40°-50°	28.2	9.5
50°-60°	9.5	3.2
60°-70°	5.5	1.8
70°-80°	2.9	1.0
80°-90°	0.9	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°	188.8	63.8
0°-40°	249.0	84.1
0°-60°	286.7	96.9
0°-90°	296.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	296.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	343	
5°	333	31
15°	270	75
25°	182	83
35°	96	60
45°	35	28
55°	10	9
65°	6	5
75°	3	3
85°	1	1
90°	0	

TEST NUMBER: P1265273

CATALOG NUMBER: P3A13R659730DE010 E3DLP1GPH

CANDELA DISTRIBUTION (FULL):

	0°
0°	343.1
2.5°	341.0
5°	333.3
7.5°	321.8
10°	306.8
12.5°	289.3
15°	269.7
17.5°	248.4
20°	226.6
22.5°	204.0
25°	181.8
27.5°	159.2
30°	137.0
32.5°	115.7
35°	96.0
37.5°	78.1
40°	61.9
42.5°	47.4
45°	35.4
47.5°	25.6
50°	17.5
52.5°	11.9
55°	9.8
57.5°	8.5
60°	7.3
62.5°	6.4
65°	5.5
67.5°	4.7
70°	3.8
72.5°	3.4
75°	2.6
77.5°	2.1
80°	1.7
82.5°	1.3
85°	0.9
87.5°	0.4
90°	0.0

(END OF REPORT)