

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: P1269738

Luminaire Tested: P3A13R159740DE010 E3DLD1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269738
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R159740DE010 E3DLD1WH
Description: 3in Adjustable LED luminaire with, R15 optic, 4000K CCT AND, 97CRI , E3DLD1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

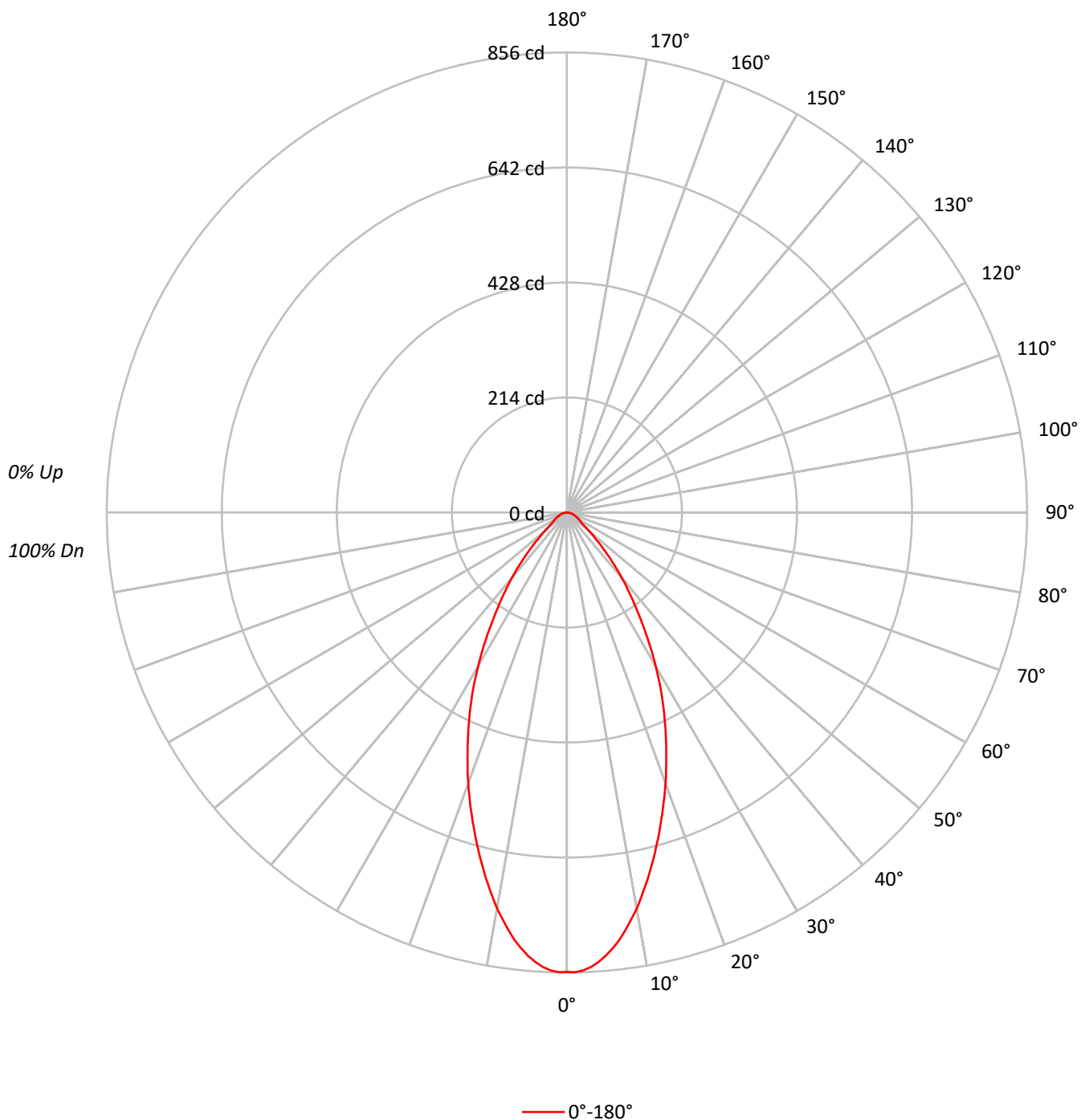
Lumens per Lamp: N/A
Luminaire Lumens: 743.0 lumens
Efficiency: N/A
Efficacy: 50.9 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1269738

CATALOG NUMBER: P3A13R159740DE010 E3DLD1WH

Luminous Intensity Polar Plot





TEST NUMBER: P1269738

CATALOG NUMBER: P3A13R159740DE010 E3DLD1WH

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	109	107	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	95	91	95	92	89		92	90	87		90
3	100	93	87	83	98	91	86	82	89	84	81		86	82	79		84
4	94	86	80	75	92	85	79	74	82	77	73		80	76	73		78
5	89	80	73	68	87	79	73	68	77	72	67		75	71	67		74
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		69
7	80	69	63	58	78	69	63	58	67	62	58		66	61	57		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	57	51	47	57	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	187419
5°	182324
10°	166619
15°	145949
20°	125194
25°	104522
30°	83658
35°	62747
40°	45542
45°	29771
50°	18626
55°	12578
60°	11139
65°	10273
70°	9681
75°	8811
80°	8334
85°	7045

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 29771 cd/sqm

TEST NUMBER: P1269738

CATALOG NUMBER: P3A13R159740DE010 E3DLD1WH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	76.4	10.3
10°-20°	179.1	24.1
20°-30°	197.4	26.6
30°-40°	147.8	19.9
40°-50°	76.6	10.3
50°-60°	31.8	4.3
60°-70°	19.7	2.6
70°-80°	11.1	1.5
80°-90°	3.2	0.4
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°	452.9	61.0
0°-40°	600.7	80.9
0°-60°	709.1	95.4
0°-90°	743.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	743.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	855	
5°	828	76
15°	643	179
25°	432	197
35°	234	148
45°	96	77
55°	33	32
65°	20	20
75°	10	11
85°	3	3
90°	0	

TEST NUMBER: P1269738

CATALOG NUMBER: P3A13R159740DE010 E3DLD1WH

CANDELA DISTRIBUTION (FULL):

0°	
0°	854.7
1°	855.6
2°	852.8
3°	847.1
4°	838.7
5°	828.3
6°	815.1
7°	801.0
8°	784.1
9°	766.2
10°	748.3
12.5°	696.5
15°	642.9
17.5°	589.2
20°	536.5
22.5°	482.9
25°	432.0
27.5°	381.2
30°	330.4
32.5°	280.5
35°	234.4
37.5°	194.8
40°	159.1
42.5°	126.1
45°	96.0
47.5°	72.5
50°	54.6
52.5°	40.5
55°	32.9
57.5°	29.2
60°	25.4
62.5°	22.6
65°	19.8
67.5°	16.9
70°	15.1
72.5°	12.2
75°	10.4
77.5°	8.5
80°	6.6
82.5°	4.7
85°	2.8
87.5°	0.9
90°	0.0

(END OF REPORT)