

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: P1269912

Luminaire Tested: P3A13R459740DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269912
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-26)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R459740DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R45 optic, 4000K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

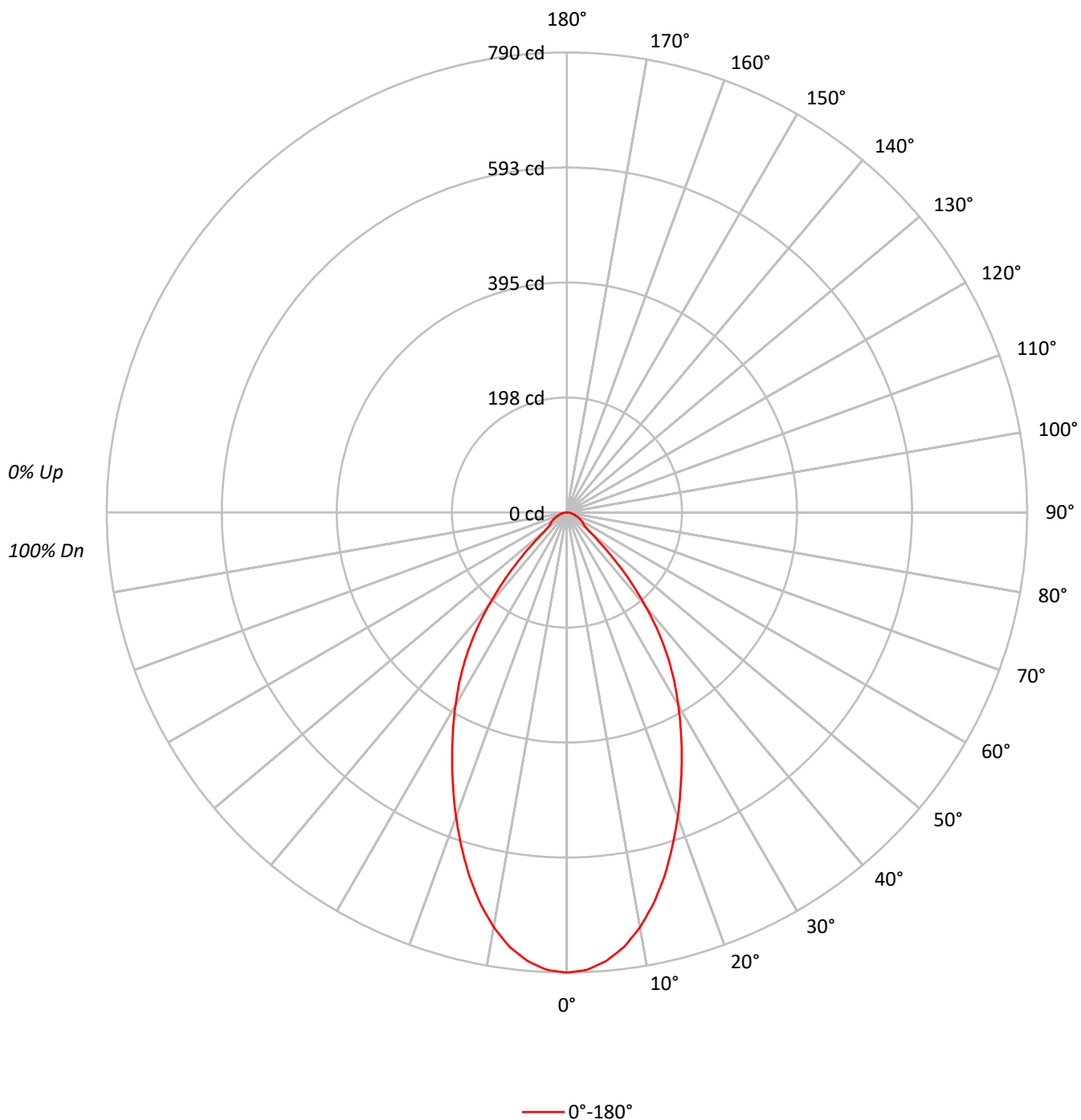
Lumens per Lamp: N/A
Luminaire Lumens: 816.9 lumens
Efficiency: N/A
Efficacy: 56.0 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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Luminous Intensity Polar Plot



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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	112	109	106	104	110	107	104	102	103	101	99		99	97	96		96
2	106	100	95	91	103	98	94	90	95	91	88		92	89	86		89
3	99	92	86	82	97	90	85	81	88	83	80		85	81	78		83
4	94	85	78	74	92	84	78	73	81	76	72		79	75	71		77
5	88	79	72	67	86	78	71	67	76	70	66		74	69	65		72
6	83	73	66	61	81	72	66	61	71	65	61		69	64	60		68
7	78	68	61	57	77	67	61	56	66	60	56		65	60	56		64
8	74	64	57	52	73	63	57	52	62	56	52		61	56	52		60
9	70	60	53	49	69	59	53	49	58	52	48		57	52	48		56
10	67	56	50	45	66	56	49	45	55	49	45		54	49	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	173232
5°	170151
10°	161008
15°	146834
20°	129861
25°	112773
30°	96800
35°	80656
40°	60113
45°	36779
50°	17023
55°	13304
60°	12806
65°	11726
70°	10835
75°	10336
80°	9471
85°	7045

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 36779 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	72.2	8.8
10°-20°	180.1	22.0
20°-30°	214.0	26.2
30°-40°	185.9	22.8
40°-50°	93.2	11.4
50°-60°	32.4	4.0
60°-70°	22.7	2.8
70°-80°	12.6	1.5
80°-90°	3.8	0.5
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°	466.3	57.1
0°-40°	652.2	79.8
0°-60°	777.8	95.2
0°-90°	816.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	816.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	790	
5°	773	72
15°	647	180
25°	466	214
35°	301	186
45°	119	93
55°	35	32
65°	23	23
75°	12	13
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	790.0
2.5°	786.2
5°	773.0
7.5°	752.3
10°	723.1
12.5°	687.3
15°	646.8
17.5°	601.6
20°	556.5
22.5°	510.3
25°	466.1
27.5°	423.7
30°	382.3
32.5°	342.7
35°	301.3
37.5°	257.0
40°	210.0
42.5°	163.8
45°	118.6
47.5°	78.1
50°	49.9
52.5°	38.6
55°	34.8
57.5°	32.0
60°	29.2
62.5°	26.4
65°	22.6
67.5°	19.8
70°	16.9
72.5°	14.1
75°	12.2
77.5°	9.4
80°	7.5
82.5°	5.6
85°	2.8
87.5°	1.9
90°	0.0

(END OF REPORT)