

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: P1251971

Luminaire Tested: P3AS13R309030DE010 E3DLD1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251971
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R309030DE010 E3DLD1WMH
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 90CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

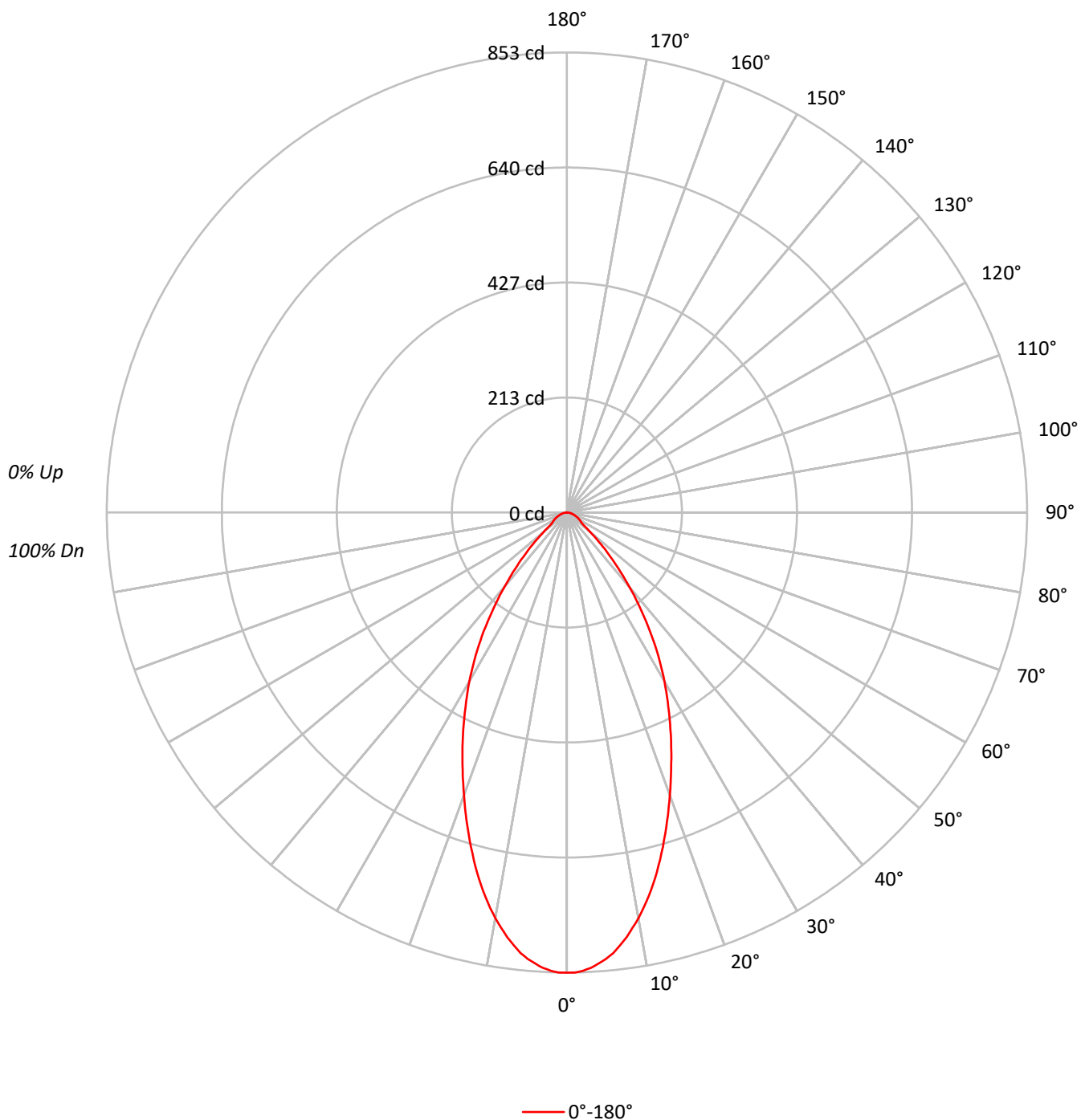
Lumens per Lamp: N/A
Luminaire Lumens: 792.0 lumens
Efficiency: N/A
Efficacy: 54.2 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	82	88	84	80		86	82	79		84
4	94	85	79	74	92	84	79	74	82	77	73		80	76	72		78
5	89	79	73	68	87	78	72	68	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	62		70	65	61		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	54	74	64	58	53	63	57	53		62	57	53		61
9	71	61	54	50	70	60	54	50	59	54	50		58	53	50		57
10	68	57	51	47	67	57	51	47	56	50	47		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	187112
5°	182896
10°	170093
15°	151352
20°	130165
25°	110281
30°	91533
35°	71795
40°	51468
45°	33740
50°	19240
55°	12616
60°	11929
65°	11104
70°	9938
75°	9065
80°	8587
85°	7296

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 33740 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	77.1	9.7
10°-20°	185.3	23.4
20°-30°	208.9	26.4
30°-40°	166.8	21.1
40°-50°	85.7	10.8
50°-60°	32.2	4.1
60°-70°	21.2	2.7
70°-80°	11.4	1.4
80°-90°	3.3	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°	471.4	59.5
0°-40°	638.2	80.6
0°-60°	756.1	95.5
0°-90°	792.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	792.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	853	
5°	831	77
15°	667	185
25°	456	209
35°	268	167
45°	109	86
55°	33	32
65°	21	21
75°	11	11
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	853.3
1°	853.3
2°	850.4
3°	845.5
4°	838.7
5°	830.9
6°	821.2
7°	808.6
8°	795.0
9°	779.4
10°	763.9
11°	746.4
12°	727.9
13°	708.5
14°	688.1
15°	666.7
17.5°	612.3
20°	557.8
22.5°	505.4
25°	455.8
27.5°	407.2
30°	361.5
32.5°	314.9
35°	268.2
37.5°	222.6
40°	179.8
42.5°	141.9
45°	108.8
47.5°	80.7
50°	56.4
52.5°	39.8
55°	33.0
57.5°	30.1
60°	27.2
62.5°	24.3
65°	21.4
67.5°	18.5
70°	15.5
72.5°	12.6
75°	10.7
77.5°	8.7
80°	6.8
82.5°	4.9
85°	2.9
87.5°	1.0



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)