

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: P1270167

Luminaire Tested: P3A17R309740DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270167
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R309740DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R30 optic, 4000K CCT AND, 97CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

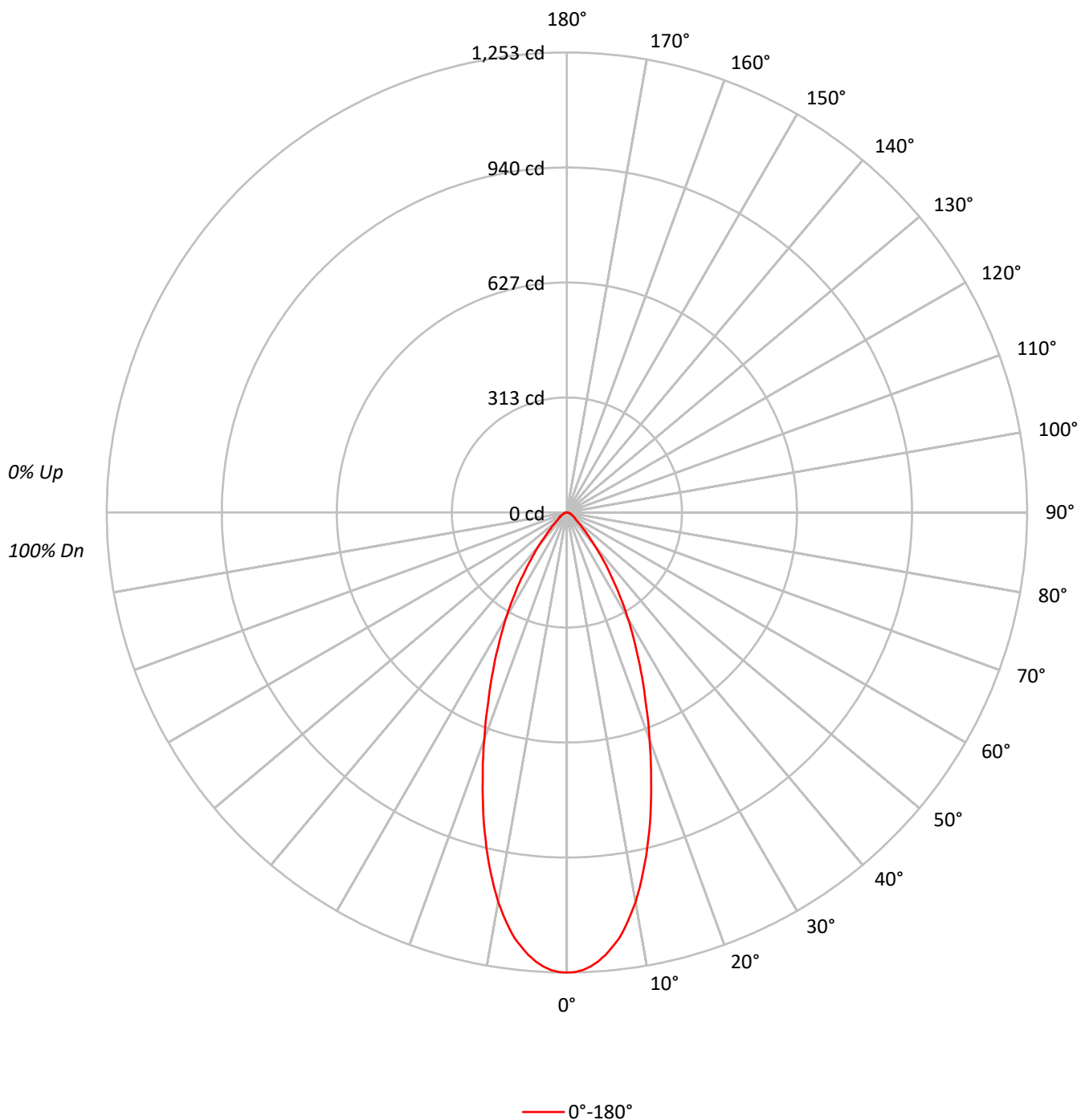
Lumens per Lamp: N/A
Luminaire Lumens: 804.0 lumens
Efficiency: N/A
Efficacy: 37.9 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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

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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	113	110	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	85	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	73	90	83	77	73	81	76	72		79	75	72		78
6	88	79	73	68	86	78	72	68	76	71	68		75	71	67		74
7	83	74	68	64	82	74	68	64	72	67	63		71	67	63		70
8	80	70	64	60	78	70	64	60	69	63	60		67	63	60		67
9	76	67	61	57	75	66	60	57	65	60	56		64	60	56		63
10	73	63	58	54	72	63	57	54	62	57	54		61	57	53		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	274737
5°	266189
10°	239831
15°	198389
20°	153617
25°	115216
30°	83658
35°	55734
40°	34264
45°	20095
50°	12349
55°	10016
60°	8727
65°	7108
70°	6411
75°	6354
80°	4672
85°	6290

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 20095 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	111.2	13.8
10°-20°	240.7	29.9
20°-30°	219.0	27.2
30°-40°	132.4	16.5
40°-50°	53.1	6.6
50°-60°	23.5	2.9
60°-70°	14.2	1.8
70°-80°	7.7	1.0
80°-90°	2.2	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°	570.9	71.0
0°-40°	703.3	87.5
0°-60°	779.9	97.0
0°-90°	804.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	804.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1253	
5°	1209	111
15°	874	241
25°	476	219
35°	208	132
45°	65	53
55°	26	24
65°	14	14
75°	8	8
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1252.9
1°	1251.7
2°	1246.7
3°	1238.0
4°	1225.5
5°	1209.3
6°	1189.3
7°	1168.1
8°	1140.7
9°	1109.6
10°	1077.1
11°	1039.7
12°	999.8
13°	960.0
14°	916.3
15°	873.9
17.5°	763.0
20°	658.3
22.5°	561.0
25°	476.2
27.5°	398.9
30°	330.4
32.5°	266.8
35°	208.2
37.5°	159.6
40°	119.7
42.5°	87.3
45°	64.8
47.5°	48.6
50°	36.2
52.5°	28.7
55°	26.2
57.5°	22.4
60°	19.9
62.5°	16.2
65°	13.7
67.5°	12.5
70°	10.0
72.5°	8.7
75°	7.5
77.5°	6.2
80°	3.7
82.5°	2.5
85°	2.5
87.5°	1.2



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)