

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: P1265897

Luminaire Tested: P3A20R509730D010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265897
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-31)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R509730D010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R50 optic, 3000K CCT AND, 97CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

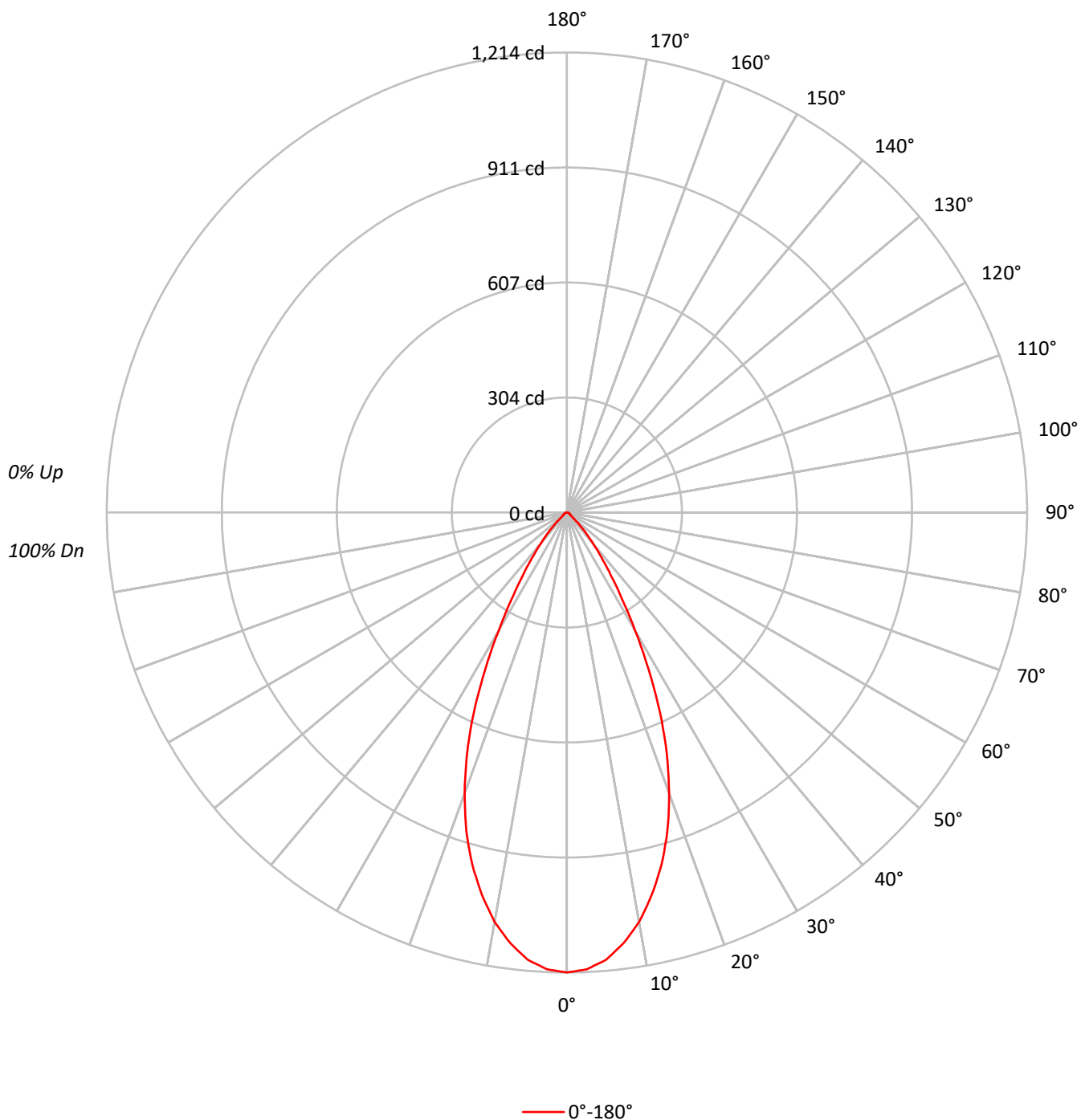
Lumens per Lamp: N/A
Luminaire Lumens: 836.0 lumens
Efficiency: N/A
Efficacy: 29.0 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.75
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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	114	111	108	106	111	109	106	104	105	103	101		101	99	98		97
2	108	103	99	96	106	102	98	95	98	95	93		95	93	91		93
3	103	97	92	88	101	95	91	87	93	89	86		90	87	84		88
4	98	91	85	81	96	90	85	81	87	83	80		85	82	79		84
5	93	85	80	75	92	84	79	75	83	78	74		81	77	74		79
6	89	80	75	71	88	80	74	70	78	73	70		77	73	69		75
7	85	76	70	66	84	75	70	66	74	69	66		73	69	65		72
8	81	72	66	62	80	71	66	62	70	65	62		69	65	62		68
9	78	68	63	59	76	68	62	59	67	62	59		66	62	58		65
10	74	65	59	56	73	65	59	56	64	59	55		63	58	55		62

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	266163
5°	260796
10°	244284
15°	218685
20°	184023
25°	140452
30°	91280
35°	54127
40°	31287
45°	15661
50°	5833
55°	4549
60°	4254
65°	3840
70°	3783
75°	3813
80°	3788
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 15661 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	110.2	13.2
10°-20°	266.4	31.9
20°-30°	261.4	31.3
30°-40°	131.7	15.8
40°-50°	41.6	5.0
50°-60°	10.8	1.3
60°-70°	7.6	0.9
70°-80°	4.7	0.6
80°-90°	1.6	0.2
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°	638.0	76.3
0°-40°	769.7	92.1
0°-60°	822.0	98.3
0°-90°	836.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	836.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1214	
5°	1185	110
15°	963	266
25°	580	261
35°	202	132
45°	50	42
55°	12	11
65°	7	8
75°	4	5
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1213.8
2.5°	1206.4
5°	1184.8
7.5°	1146.2
10°	1097.1
12.5°	1033.9
15°	963.3
17.5°	881.6
20°	788.6
22.5°	688.3
25°	580.5
27.5°	466.1
30°	360.5
32.5°	271.3
35°	202.2
37.5°	149.4
40°	109.3
42.5°	77.3
45°	50.5
47.5°	29.0
50°	17.1
52.5°	12.6
55°	11.9
57.5°	10.4
60°	9.7
62.5°	8.9
65°	7.4
67.5°	6.7
70°	5.9
72.5°	5.2
75°	4.5
77.5°	3.7
80°	3.0
82.5°	2.2
85°	1.5
87.5°	0.7
90°	0.0

(END OF REPORT)