

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: P1265843

Luminaire Tested: P3AS20R409730D010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265843
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R409730D010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R40 optic, 3000K CCT AND, 97CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

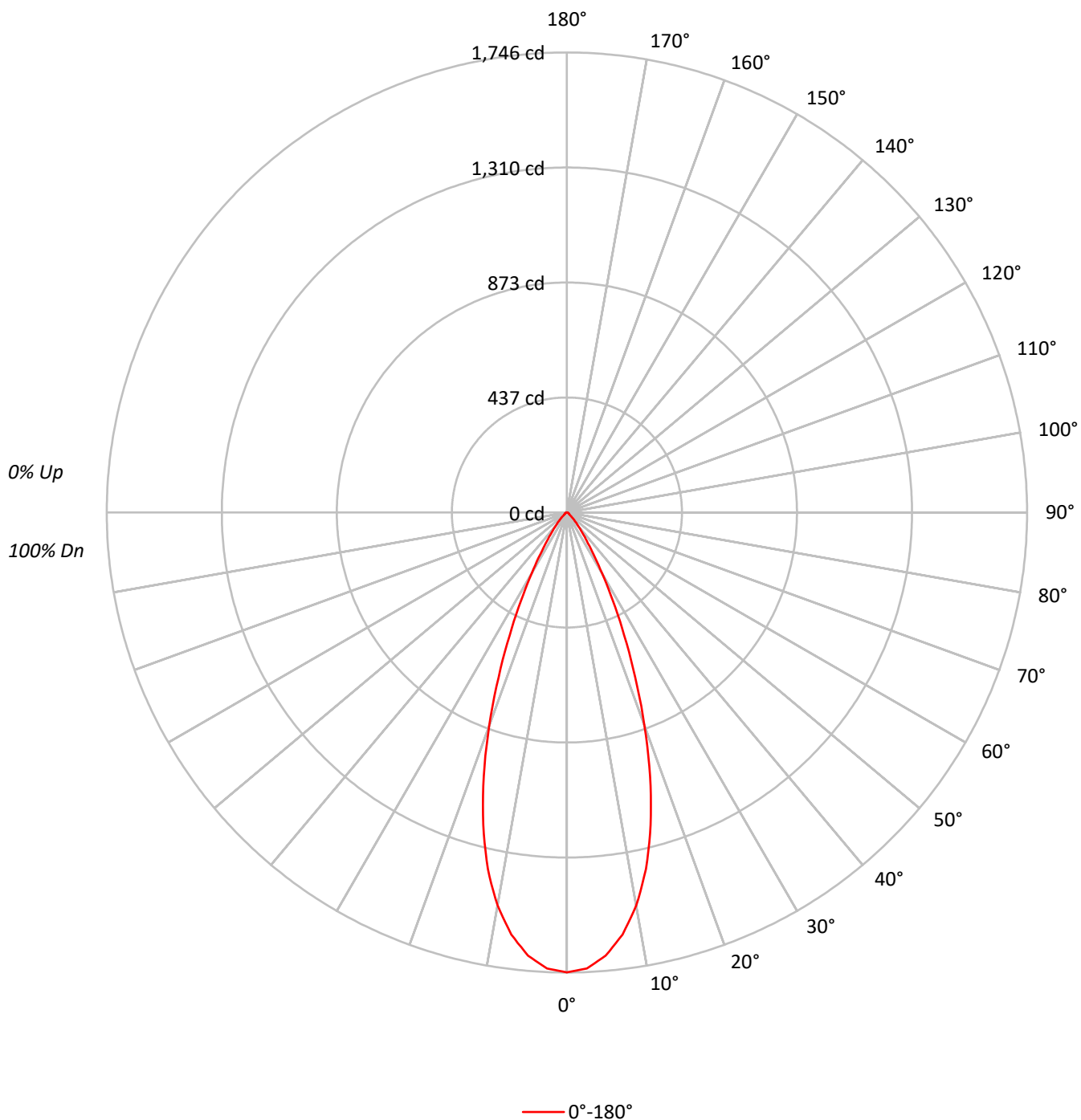
Lumens per Lamp: N/A
Luminaire Lumens: 865.0 lumens
Efficiency: N/A
Efficacy: 30.0 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1265843

CATALOG NUMBER: P3AS20R409730D010 E3DL1GPH

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	109	107	112	109	107	105	105	104	102		102	100	99		98
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94
3	104	99	94	91	102	97	93	90	95	91	88		92	89	87		90
4	100	93	88	85	98	92	88	84	90	86	83		88	85	82		86
5	96	88	83	79	94	88	83	79	86	82	78		84	81	78		83
6	92	84	79	75	91	83	78	75	82	78	74		81	77	74		79
7	88	80	75	71	87	79	74	71	78	74	71		77	73	70		76
8	85	76	71	68	84	76	71	67	75	70	67		74	70	67		73
9	82	73	68	64	81	73	68	64	72	67	64		71	67	64		70
10	78	70	65	62	78	70	65	61	69	64	61		68	64	61		67

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	382754
5°	371626
10°	337246
15°	278617
20°	200964
25°	124314
30°	67301
35°	34773
40°	18921
45°	10606
50°	5322
55°	3976
60°	3596
65°	3476
70°	3334
75°	3135
80°	2778
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10606 cd/sqm

TEST NUMBER: P1265843

CATALOG NUMBER: P3AS20R409730D010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	155.6	18.0
10°-20°	334.2	38.6
20°-30°	238.5	27.6
30°-40°	87.8	10.2
40°-50°	27.7	3.2
50°-60°	9.6	1.1
60°-70°	6.6	0.8
70°-80°	3.9	0.5
80°-90°	1.1	0.1
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°	728.3	84.2
0°-40°	816.1	94.3
0°-60°	853.4	98.7
0°-90°	865.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	865.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1746	
5°	1688	156
15°	1227	334
25°	514	238
35°	130	88
45°	34	28
55°	10	10
65°	7	7
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1745.5
2.5°	1732.1
5°	1688.3
7.5°	1615.6
10°	1514.6
12.5°	1386.2
15°	1227.3
17.5°	1049.1
20°	861.2
22.5°	676.4
25°	513.8
27.5°	377.2
30°	265.8
32.5°	186.4
35°	129.9
37.5°	92.1
40°	66.1
42.5°	47.5
45°	34.2
47.5°	23.0
50°	15.6
52.5°	11.1
55°	10.4
57.5°	9.7
60°	8.2
62.5°	7.4
65°	6.7
67.5°	5.9
70°	5.2
72.5°	4.5
75°	3.7
77.5°	3.0
80°	2.2
82.5°	1.5
85°	0.7
87.5°	0.7
90°	0.0

(END OF REPORT)