

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: P1250842

Luminaire Tested: P3AS02R409030DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250842
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-21)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R409030DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R40 optic, 3000K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

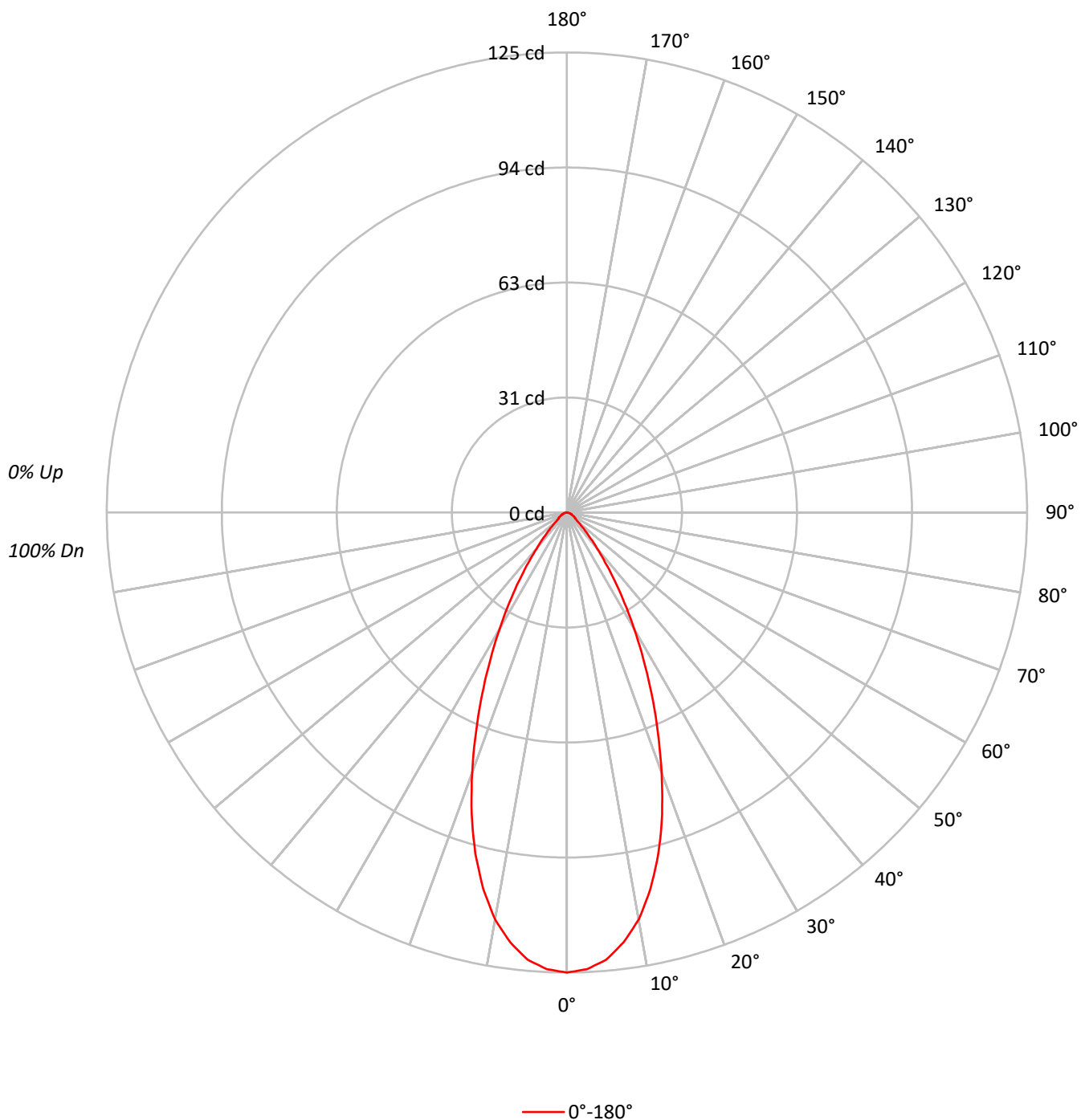
Lumens per Lamp: N/A
Luminaire Lumens: 88.0 lumens
Efficiency: N/A
Efficacy: 24.4 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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

TEST NUMBER: P1250842

CATALOG NUMBER: P3AS02R409030DE010 E3DLP1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1250842

CATALOG NUMBER: P3AS02R409030DE010 E3DLP1GPH

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	93	97	94	91		94	92	89		92
3	102	95	90	86	100	94	89	85	91	87	84		89	85	83		86
4	97	89	83	79	95	88	83	79	86	81	78		84	80	77		82
5	92	83	77	73	90	82	77	73	81	76	72		79	75	71		77
6	87	78	72	68	86	78	72	68	76	71	67		75	70	67		73
7	83	74	68	64	82	73	68	63	72	67	63		71	66	63		70
8	79	70	64	60	78	69	64	60	68	63	59		67	63	59		66
9	76	66	60	56	75	66	60	56	65	60	56		64	59	56		63
10	72	63	57	53	71	62	57	53	62	57	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	27410
5°	26854
10°	25005
15°	21794
20°	17548
25°	13162
30°	9242
35°	6050
40°	3664
45°	2202
50°	1296
55°	1070
60°	965
65°	830
70°	769
75°	593
80°	631
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2202 cd/sqm

TEST NUMBER: P1250842

CATALOG NUMBER: P3AS02R409030DE010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.3	12.9
10°-20°	26.4	30.0
20°-30°	24.9	28.3
30°-40°	14.4	16.3
40°-50°	5.8	6.5
50°-60°	2.5	2.9
60°-70°	1.6	1.8
70°-80°	0.8	0.9
80°-90°	0.3	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°	62.7	71.2
0°-40°	77.0	87.5
0°-60°	85.3	97.0
0°-90°	88.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	88.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	125	
5°	122	11
15°	96	26
25°	54	25
35°	23	14
45°	7	6
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1250842

CATALOG NUMBER: P3AS02R409030DE010 E3DLP1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	125.0
2.5°	124.2
5°	122.0
7.5°	117.8
10°	112.3
12.5°	104.8
15°	96.0
17.5°	86.0
20°	75.2
22.5°	64.5
25°	54.4
27.5°	45.0
30°	36.5
32.5°	29.1
35°	22.6
37.5°	17.1
40°	12.8
42.5°	9.6
45°	7.1
47.5°	5.2
50°	3.8
52.5°	3.1
55°	2.8
57.5°	2.5
60°	2.2
62.5°	1.8
65°	1.6
67.5°	1.3
70°	1.2
72.5°	1.0
75°	0.7
77.5°	0.6
80°	0.5
82.5°	0.4
85°	0.2
87.5°	0.1
90°	0.0

(END OF REPORT)