

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: P1256980

Luminaire Tested: P3AS09R309040DE010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1256980
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: P3AS09R309040DE010 E3DLP1H
Description: 3in Adjustable LED luminaire with, R30 optic, 4000K CCT AND, 90CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

Summary

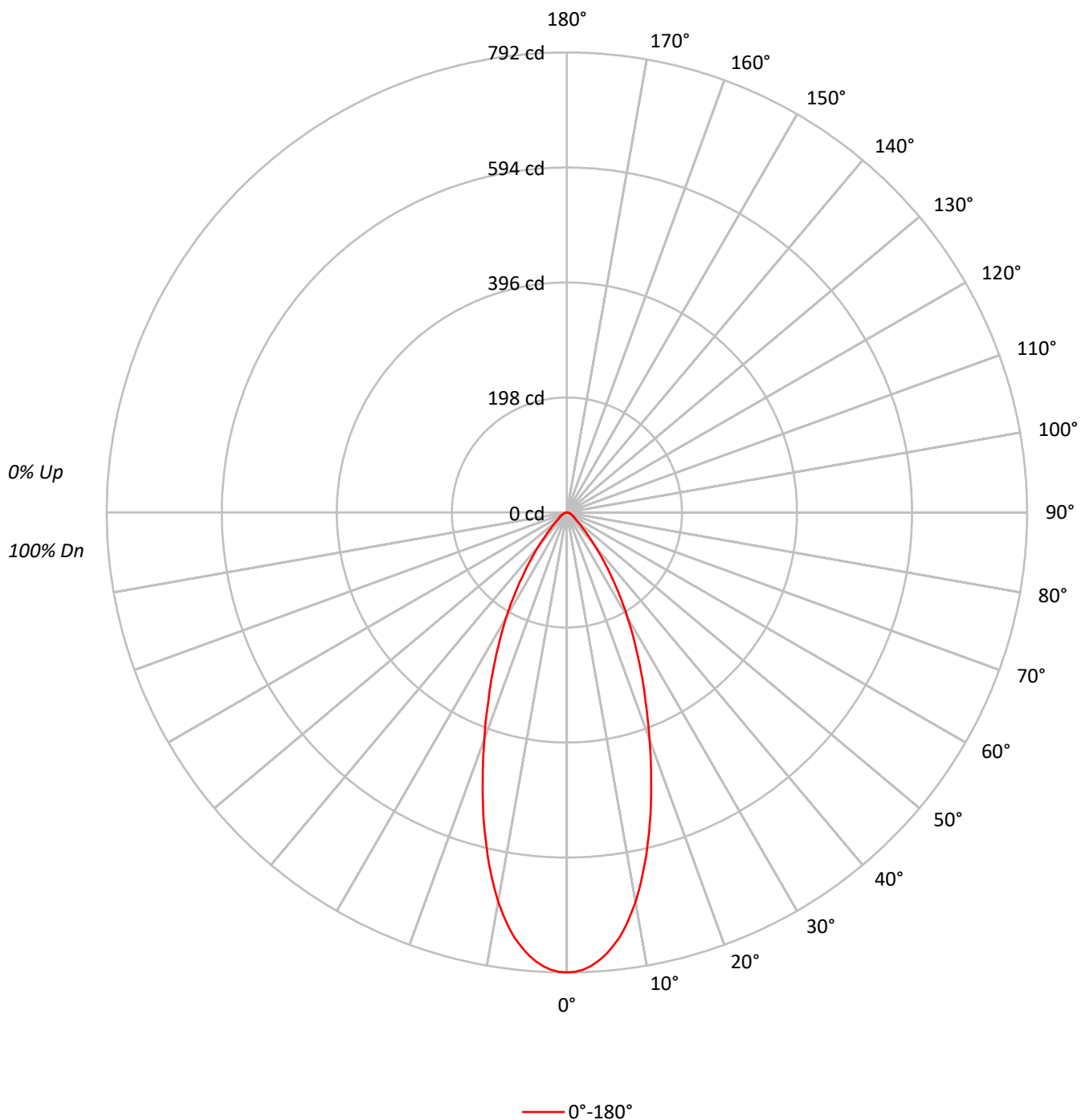
Lumens per Lamp: N/A
Luminaire Lumens: 508.0 lumens
Efficiency: N/A
Efficacy: 45.8 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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: P1256980

CATALOG NUMBER: P3AS09R309040DE010 E3DLP1H

Luminous Intensity Polar Plot



TEST NUMBER: P1256980

CATALOG NUMBER: P3AS09R309040DE010 E3DLP1H

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°	173583
5°	168192
10°	151545
15°	125358
20°	97052
25°	72803
30°	52844
35°	35202
40°	21641
45°	12714
50°	7778
55°	6308
60°	5526
65°	4514
70°	4039
75°	3982
80°	3031
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12714 cd/sqm

TEST NUMBER: P1256980

CATALOG NUMBER: P3AS09R309040DE010 E3DLP1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	70.3	13.8
10°-20°	152.1	29.9
20°-30°	138.4	27.2
30°-40°	83.6	16.5
40°-50°	33.5	6.6
50°-60°	14.8	2.9
60°-70°	9.0	1.8
70°-80°	4.9	1.0
80°-90°	1.4	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°	360.7	71.0
0°-40°	444.4	87.5
0°-60°	492.7	97.0
0°-90°	508.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	508.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	792	
5°	764	70
15°	552	152
25°	301	138
35°	132	84
45°	41	34
55°	16	15
65°	9	9
75°	5	5
85°	2	1
90°	0	

TEST NUMBER: P1256980

CATALOG NUMBER: P3AS09R309040DE010 E3DLP1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	791.6
1°	790.9
2°	787.7
3°	782.2
4°	774.3
5°	764.1
6°	751.5
7°	738.1
8°	720.8
9°	701.1
10°	680.6
11°	656.9
12°	631.7
13°	606.5
14°	579.0
15°	552.2
17.5°	482.1
20°	415.9
22.5°	354.5
25°	300.9
27.5°	252.1
30°	208.7
32.5°	168.6
35°	131.5
37.5°	100.8
40°	75.6
42.5°	55.1
45°	41.0
47.5°	30.7
50°	22.8
52.5°	18.1
55°	16.5
57.5°	14.2
60°	12.6
62.5°	10.2
65°	8.7
67.5°	7.9
70°	6.3
72.5°	5.5
75°	4.7
77.5°	3.9
80°	2.4
82.5°	1.6
85°	1.6
87.5°	0.8



TEST NUMBER: P1256980
CATALOG NUMBER: P3AS09R309040DE010 E3DLP1H

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)