

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: P1257813

Luminaire Tested: P3AS17R409040DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257813
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: P3AS17R409040DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R40 optic, 4000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

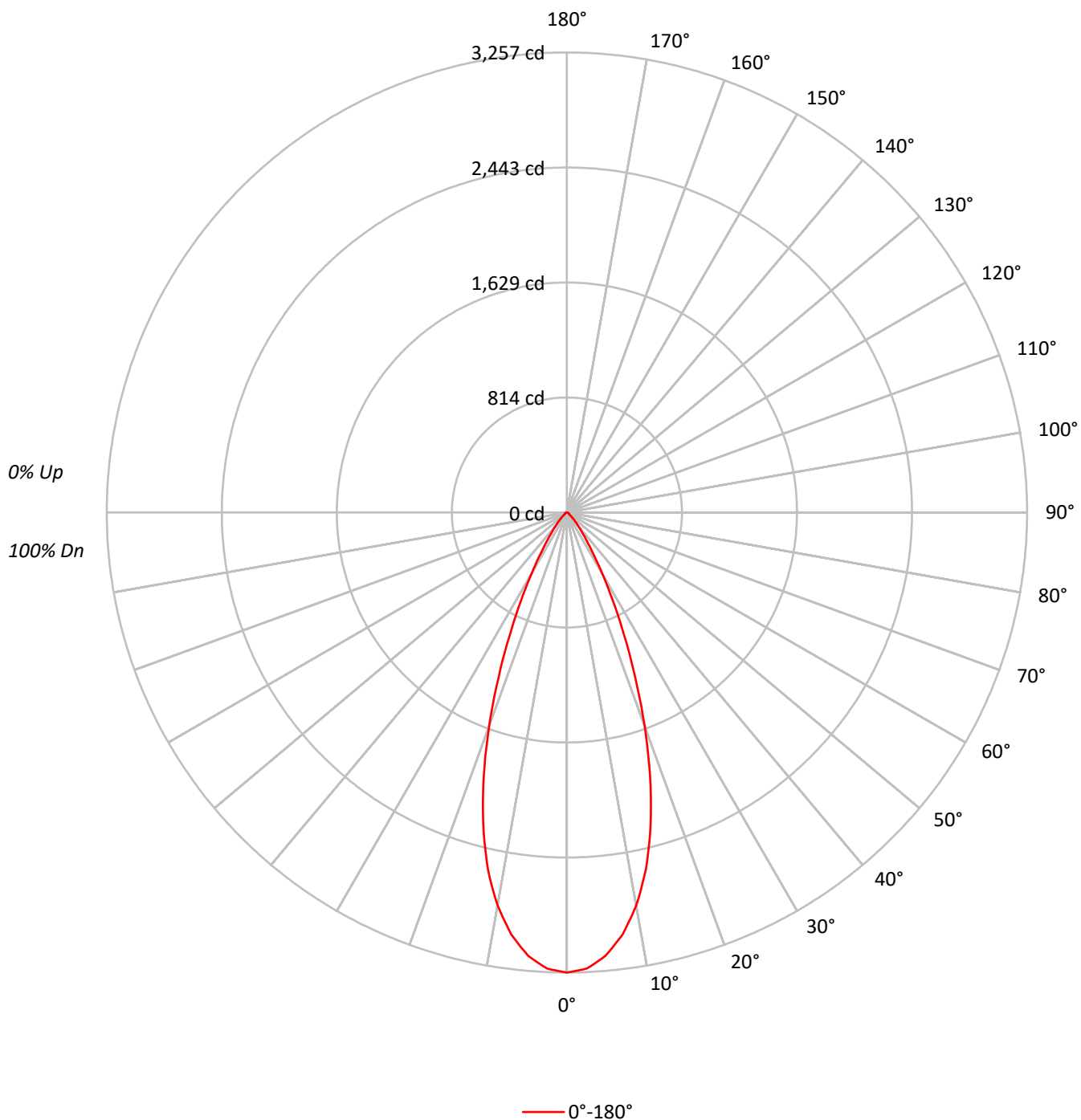
Lumens per Lamp: N/A
Luminaire Lumens: 1614.0 lumens
Efficiency: N/A
Efficacy: 76.1 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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

TEST NUMBER: P1257813

CATALOG NUMBER: P3AS17R409040DE010 E3DL1MW

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°	714175
5°	693439
10°	629269
15°	519867
20°	374999
25°	231957
30°	125589
35°	64889
40°	35295
45°	19754
50°	9927
55°	7417
60°	6666
65°	6486
70°	6219
75°	5846
80°	5304
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 19754 cd/sqm

TEST NUMBER: P1257813

CATALOG NUMBER: P3AS17R409040DE010 E3DL1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	290.4	18.0
10°-20°	623.6	38.6
20°-30°	445.0	27.6
30°-40°	163.8	10.1
40°-50°	51.6	3.2
50°-60°	17.9	1.1
60°-70°	12.4	0.8
70°-80°	7.3	0.5
80°-90°	2.1	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°	1359.0	84.2
0°-40°	1522.8	94.3
0°-60°	1592.3	98.7
0°-90°	1614.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1614.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3257	
5°	3150	290
15°	2290	624
25°	959	445
35°	242	164
45°	64	52
55°	19	18
65°	12	12
75°	7	7
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	3256.9
2.5°	3232.0
5°	3150.3
7.5°	3014.5
10°	2826.1
12.5°	2586.4
15°	2290.0
17.5°	1957.5
20°	1607.0
22.5°	1262.0
25°	958.7
27.5°	703.8
30°	496.0
32.5°	347.7
35°	242.4
37.5°	171.8
40°	123.3
42.5°	88.7
45°	63.7
47.5°	42.9
50°	29.1
52.5°	20.8
55°	19.4
57.5°	18.0
60°	15.2
62.5°	13.9
65°	12.5
67.5°	11.1
70°	9.7
72.5°	8.3
75°	6.9
77.5°	5.5
80°	4.2
82.5°	2.8
85°	1.4
87.5°	1.4
90°	0.0

(END OF REPORT)