

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: P1248545

Luminaire Tested: P3AS05R409027DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248545
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: P3AS05R409027DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R40 optic, 2700K CCT AND, 90CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

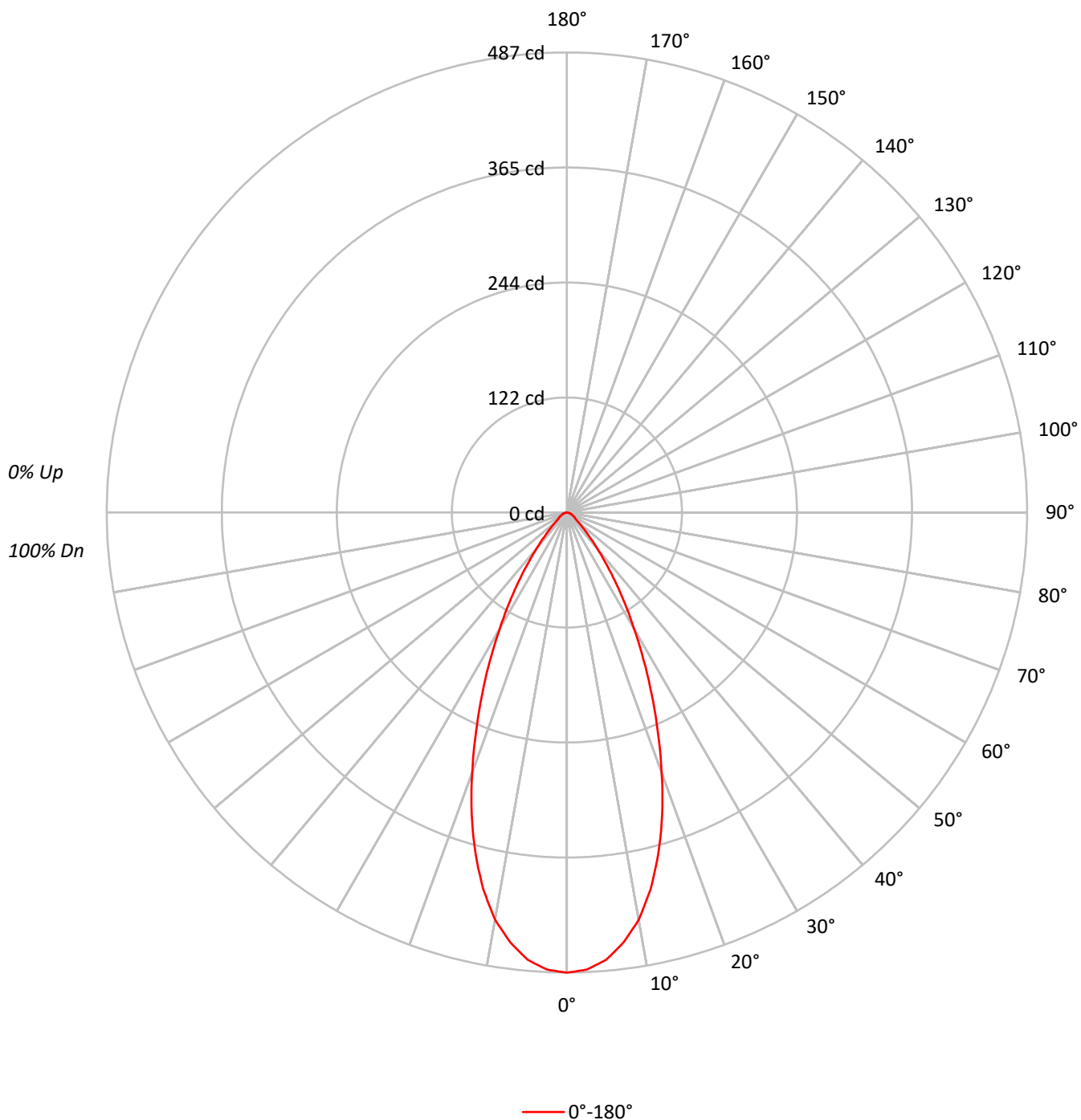
Lumens per Lamp: N/A
Luminaire Lumens: 343.0 lumens
Efficiency: N/A
Efficacy: 47.6 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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: P1248545

CATALOG NUMBER: P3AS05R409027DE010 E3DLP1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1248545

CATALOG NUMBER: P3AS05R409027DE010 E3DLP1MW

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	64	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°	106812
5°	104644
10°	97438
15°	84904
20°	68443
25°	51293
30°	36056
35°	23637
40°	14313
45°	8559
50°	5083
55°	4091
60°	3684
65°	3165
70°	3013
75°	2372
80°	2399
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 8559 cd/sqm

TEST NUMBER: P1248545

CATALOG NUMBER: P3AS05R409027DE010 E3DLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	44.1	12.9
10°-20°	103.0	30.0
20°-30°	97.1	28.3
30°-40°	56.2	16.4
40°-50°	22.4	6.5
50°-60°	9.9	2.9
60°-70°	6.1	1.8
70°-80°	3.2	0.9
80°-90°	1.0	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°	244.3	71.2
0°-40°	300.4	87.6
0°-60°	332.7	97.0
0°-90°	343.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	343.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	487	
5°	475	44
15°	374	103
25°	212	97
35°	88	56
45°	28	22
55°	11	10
65°	6	6
75°	3	3
85°	1	1
90°	0	

TEST NUMBER: P1248545

CATALOG NUMBER: P3AS05R409027DE010 E3DLP1MW

CANDELA DISTRIBUTION (FULL):

	0°
0°	487.1
2.5°	484.3
5°	475.4
7.5°	459.0
10°	437.6
12.5°	408.6
15°	374.0
17.5°	335.3
20°	293.3
22.5°	251.2
25°	212.0
27.5°	175.6
30°	142.4
32.5°	113.5
35°	88.3
37.5°	66.8
40°	50.0
42.5°	37.4
45°	27.6
47.5°	20.1
50°	14.9
52.5°	12.1
55°	10.7
57.5°	9.8
60°	8.4
62.5°	7.0
65°	6.1
67.5°	5.1
70°	4.7
72.5°	3.7
75°	2.8
77.5°	2.3
80°	1.9
82.5°	1.4
85°	0.9
87.5°	0.5
90°	0.0

(END OF REPORT)