

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: P1273509

Luminaire Tested: P3A05R609830DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273509
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-38)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R609830DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 3000K CCT AND, 98CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

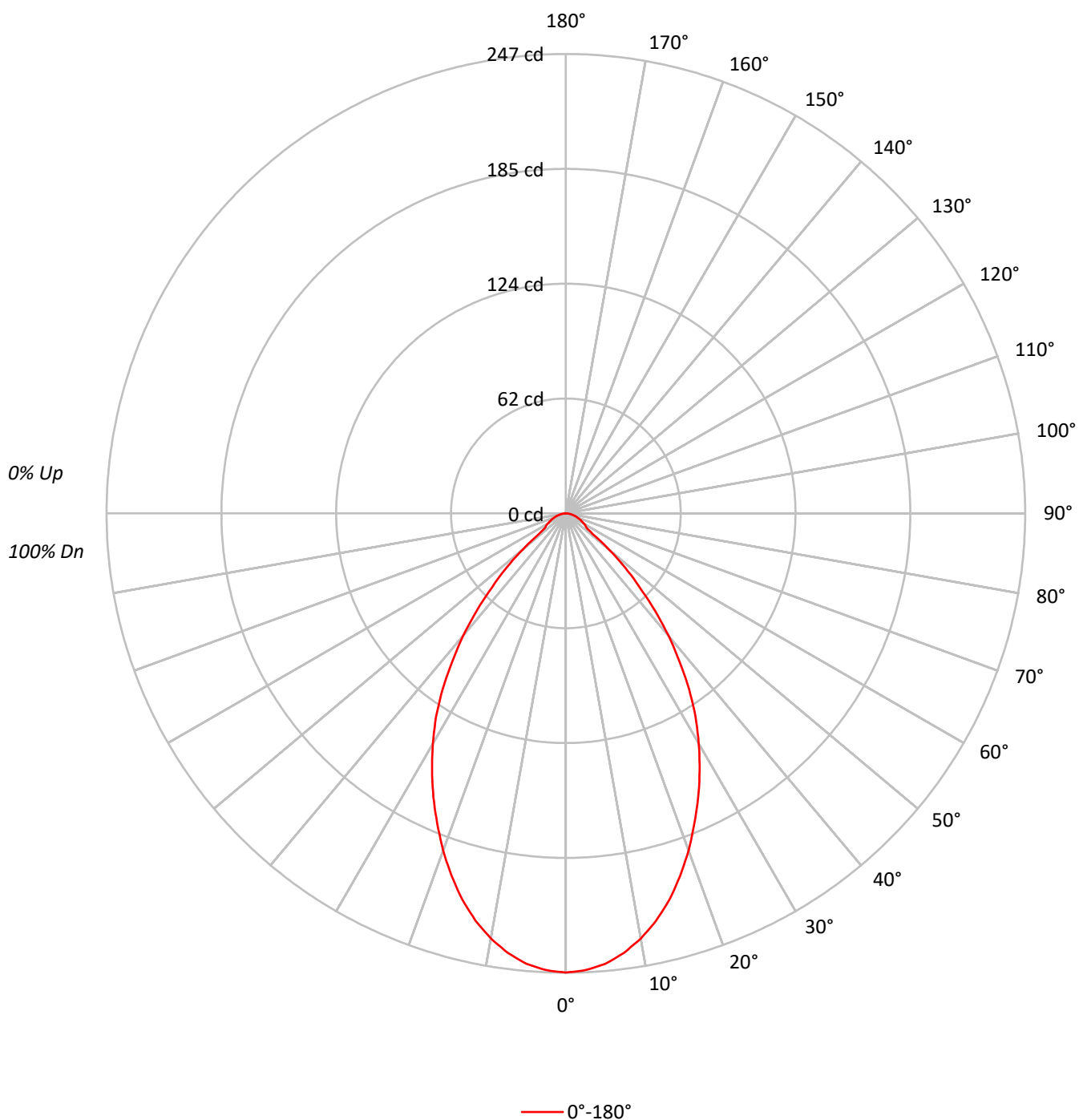
Lumens per Lamp: N/A
Luminaire Lumens: 305.0 lumens
Efficiency: N/A
Efficacy: 42.4 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1273509

CATALOG NUMBER: P3A05R609830DE010 E3DLD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1273509

CATALOG NUMBER: P3A05R609830DE010 E3DLD1MW

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	112	109	106	103	110	107	104	101	102	100	98		99	97	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	79	87	82	78		84	80	77		82
4	92	83	77	72	90	82	76	71	80	75	70		78	73	70		76
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	59	54	75	65	59	54	64	58	54		63	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	68	57	51	46	67	57	50	46	56	50	46		55	49	46		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	54140
5°	53533
10°	51680
15°	48831
20°	45014
25°	40744
30°	36183
35°	30918
40°	24589
45°	17335
50°	10371
55°	5238
60°	5043
65°	4618
70°	4296
75°	4067
80°	3788
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17335 cd/sqm

TEST NUMBER: P1273509

CATALOG NUMBER: P3A05R609830DE010 E3DLD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	22.9	7.5
10°-20°	60.1	19.7
20°-30°	77.2	25.3
30°-40°	71.6	23.5
40°-50°	43.6	14.3
50°-60°	14.5	4.8
60°-70°	8.9	2.9
70°-80°	5.0	1.6
80°-90°	1.4	0.5
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°	160.1	52.5
0°-40°	231.7	76.0
0°-60°	289.8	95.0
0°-90°	305.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	305.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	247	
5°	243	23
15°	215	60
25°	168	77
35°	116	72
45°	56	44
55°	14	15
65°	9	9
75°	5	5
85°	1	1
90°	0	

TEST NUMBER: P1273509

CATALOG NUMBER: P3A05R609830DE010 E3DLD1MW

CANDELA DISTRIBUTION (FULL):

	0°
0°	246.9
2.5°	245.8
5°	243.2
7.5°	238.4
10°	232.1
12.5°	224.3
15°	215.1
17.5°	204.3
20°	192.9
22.5°	180.6
25°	168.4
27.5°	155.8
30°	142.9
32.5°	129.9
35°	115.5
37.5°	100.3
40°	85.9
42.5°	70.7
45°	55.9
47.5°	43.3
50°	30.4
52.5°	18.1
55°	13.7
57.5°	12.6
60°	11.5
62.5°	10.0
65°	8.9
67.5°	7.8
70°	6.7
72.5°	5.6
75°	4.8
77.5°	3.7
80°	3.0
82.5°	1.9
85°	1.1
87.5°	0.7
90°	0.0

(END OF REPORT)