

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: P1267832

Luminaire Tested: P3A17R359735DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1267832
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R359735DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

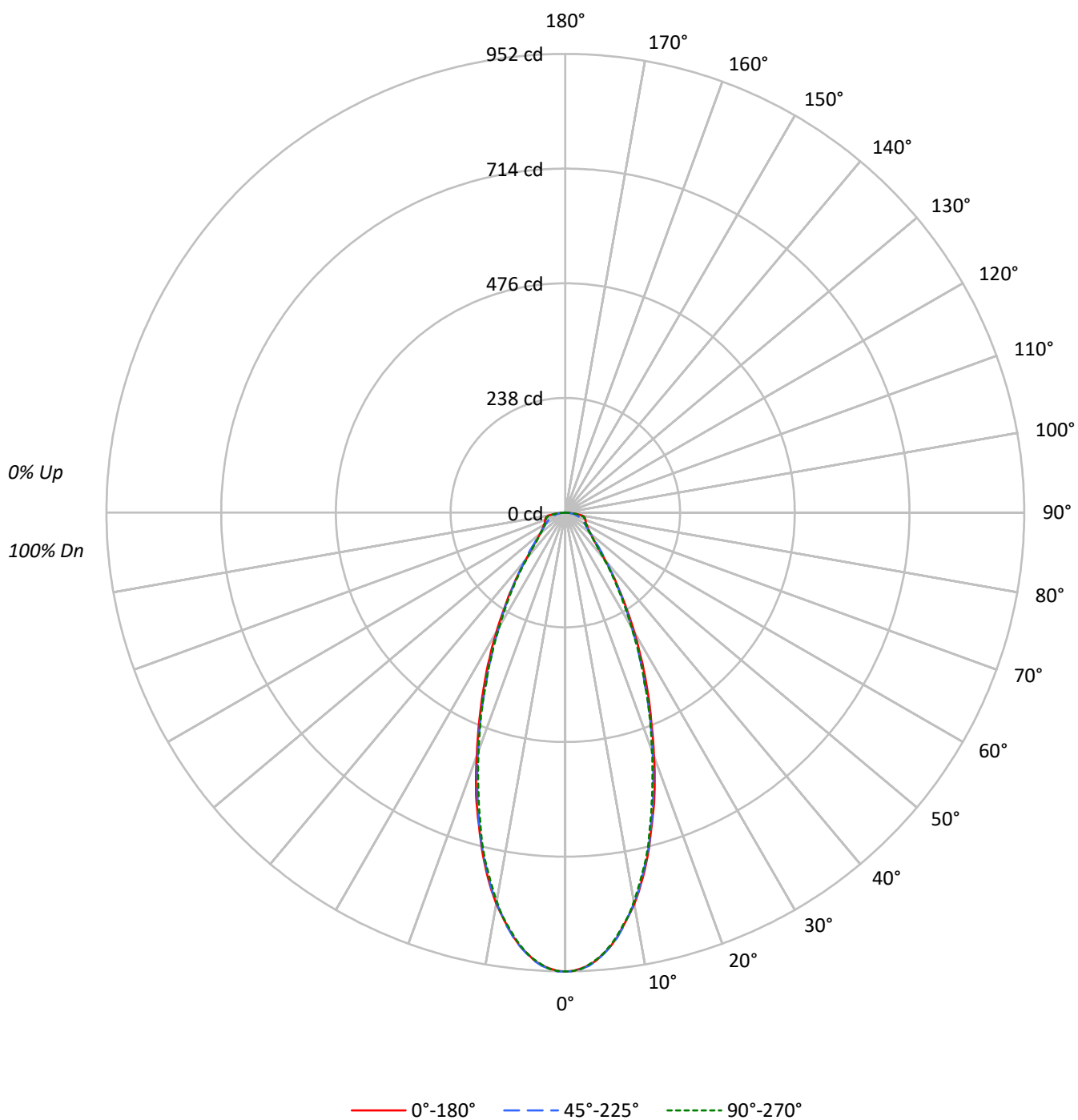
Lumens per Lamp: N/A
Luminaire Lumens: 788.1 lumens
Efficiency: N/A
Efficacy: 37.2 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.68 / 0.73
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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	111	107	104	101	109	105	102	99	101	99	96		97	95	93		94
2	104	98	92	88	101	96	91	87	92	88	85		89	86	83		86
3	97	89	83	78	95	88	82	77	85	80	76		82	78	75		80
4	92	82	75	70	90	81	75	70	79	73	69		77	72	68		75
5	86	76	69	64	84	75	69	64	73	68	63		72	67	63		70
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	60	55	76	66	59	54	64	58	54		63	58	54		62
8	73	62	56	51	72	62	55	51	61	55	51		60	54	50		59
9	70	59	52	48	68	58	52	48	57	52	47		56	51	47		55
10	66	56	49	45	65	55	49	45	54	49	45		53	48	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	208843	208843	208843
5°	201981	202245	201981
10°	183497	183230	182428
15°	155756	155211	153849
20°	125404	123724	122604
25°	96925	94022	94022
30°	72290	69859	69251
35°	52013	51370	50085
40°	36382	37413	35037
45°	27166	28654	26421
50°	23334	23334	22925
55°	22021	21103	21562
60°	22630	20525	21577
65°	24283	20547	23660
70°	28466	21542	27697
75°	35584	22367	34567
80°	45460	24246	40914
85°	36230	24153	36230

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 80°

Luminance: 45460 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	84.6	10.7
10°-20°	188.8	24.0
20°-30°	180.3	22.9
30°-40°	121.1	15.4
40°-50°	71.1	9.0
50°-60°	50.9	6.5
60°-70°	42.3	5.4
70°-80°	34.7	4.4
80°-90°	14.3	1.8
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°	453.7	57.6
0°-40°	574.7	72.9
0°-60°	696.7	88.4
0°-90°	788.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	788.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	952	952	952	952	952	
5°	918	920	919	918	918	85
15°	686	687	684	679	678	190
25°	401	396	389	389	389	184
35°	194	194	192	188	187	123
45°	88	90	92	88	85	70
55°	58	56	55	55	56	52
65°	47	42	40	42	46	47
75°	42	32	26	32	41	44
85°	14	16	10	16	14	16
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	952.4	952.4	952.4	952.4	952.4
1°	951.2	952.4	952.4	951.2	951.2
2°	946.4	948.8	947.6	946.4	947.6
3°	940.4	942.8	941.6	940.4	939.2
4°	930.8	933.2	932.0	929.6	929.6
5°	917.6	920.0	918.8	917.6	917.6
6°	904.4	906.8	904.4	902.0	902.0
7°	886.4	890.0	887.6	885.2	884.0
8°	866.1	869.6	867.3	866.1	863.7
9°	845.7	848.1	844.5	844.5	844.5
10°	824.1	825.3	822.9	819.3	819.3
11°	800.1	798.9	797.7	795.3	792.9
12°	773.7	773.7	770.1	767.7	766.5
13°	746.1	744.9	742.5	740.1	740.1
14°	717.3	717.3	714.9	710.1	711.3
15°	686.1	687.3	683.7	678.9	677.7
17.5°	615.4	613.0	607.0	603.4	599.8
20°	537.4	536.2	530.2	526.6	525.4
22.5°	465.4	464.2	458.2	454.6	457.0
25°	400.6	395.8	388.6	388.6	388.6
27.5°	340.7	334.7	329.9	327.5	329.9
30°	285.5	280.7	275.9	274.7	273.5
32.5°	236.3	233.9	231.5	227.9	227.9
35°	194.3	194.3	191.9	188.3	187.1
37.5°	158.3	159.5	158.3	154.7	153.5
40°	127.1	129.5	130.7	127.1	122.4
42.5°	104.4	108.0	110.4	104.4	100.8
45°	87.6	90.0	92.4	87.6	85.2
47.5°	76.8	78.0	79.2	75.6	74.4
50°	68.4	68.4	68.4	67.2	67.2
52.5°	62.4	62.4	61.2	60.0	60.0
55°	57.6	56.4	55.2	55.2	56.4
57.5°	54.0	52.8	50.4	51.6	52.8
60°	51.6	49.2	46.8	48.0	49.2
62.5°	48.0	45.6	43.2	44.4	46.8
65°	46.8	42.0	39.6	42.0	45.6
67.5°	45.6	39.6	36.0	39.6	44.4
70°	44.4	37.2	33.6	37.2	43.2
72.5°	43.2	34.8	30.0	34.8	42.0
75°	42.0	32.4	26.4	32.4	40.8
77.5°	39.6	30.0	22.8	30.0	37.2
80°	36.0	27.6	19.2	26.4	32.4
82.5°	26.4	22.8	15.6	22.8	24.0
85°	14.4	15.6	9.6	15.6	14.4
87.5°	1.2	2.4	2.4	7.2	4.8



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)