

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: P1289198

Luminaire Tested: P3A05R35W2N902750DE010 E3PHLP1MW_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1289198
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: P3A05R35W2N902750DE010 E3PHLP1MW_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 5000K CCT AND, 90CRI ,
E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

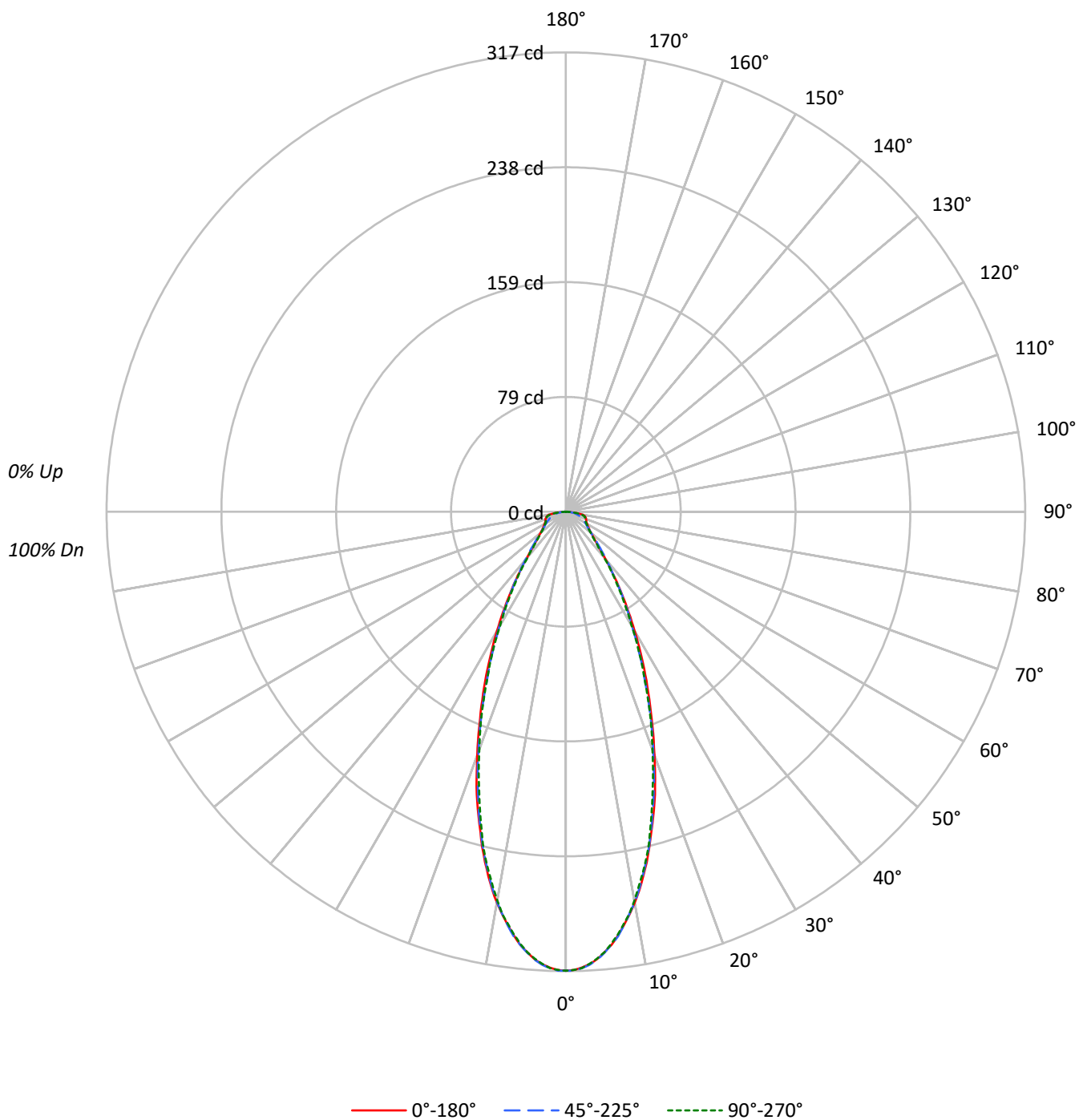
Lumens per Lamp: N/A
Luminaire Lumens: 262.1 lumens
Efficiency: N/A
Efficacy: 44.4 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.68 / 0.73
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 5.9
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: P1289198

CATALOG NUMBER: P3A05R35W2N902750DE010 E3PHLP1MW_5000K

Luminous Intensity Polar Plot



TEST NUMBER: P1289198

CATALOG NUMBER: P3A05R35W2N902750DE010 E3PHLP1MW_5000K

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	98	96		97	95	93		94
2	104	97	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	66	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		58
9	70	59	52	48	68	58	52	48	57	51	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°	69446	69446	69446
5°	67158	67246	67158
10°	61010	60921	60654
15°	51782	51601	51147
20°	41700	41140	40767
25°	32228	31260	31260
30°	24029	23219	23016
35°	17293	17079	16650
40°	12108	12452	11650
45°	9024	9520	8776
50°	7744	7744	7607
55°	7302	6996	7149
60°	7499	6842	7192
65°	8094	6849	7887
70°	9489	7181	9232
75°	11861	7456	11522
80°	15153	8082	13638
85°	12077	8051	12077

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 80°

Luminance: 15153 cd/sqm

TEST NUMBER: P1289198

CATALOG NUMBER: P3A05R35W2N902750DE010 E3PHLP1MW_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.1	10.7
10°-20°	62.8	24.0
20°-30°	59.9	22.9
30°-40°	40.3	15.4
40°-50°	23.6	9.0
50°-60°	16.9	6.4
60°-70°	14.1	5.4
70°-80°	11.6	4.4
80°-90°	4.8	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°	150.8	57.6
0°-40°	191.1	72.9
0°-60°	231.6	88.4
0°-90°	262.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	262.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	317	317	317	317	317	
5°	305	306	306	305	305	28
15°	228	228	227	226	225	63
25°	133	132	129	129	129	61
35°	65	65	64	63	62	41
45°	29	30	31	29	28	23
55°	19	19	18	18	19	17
65°	16	14	13	14	15	16
75°	14	11	9	11	14	15
85°	5	5	3	5	5	5
90°	0	0	0	0	0	

TEST NUMBER: P1289198

CATALOG NUMBER: P3A05R35W2N902750DE010 E3PHLP1MW_5000K

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	316.7	316.7	316.7	316.7	316.7
1°	316.3	316.7	316.7	316.3	316.3
2°	314.7	315.5	315.1	314.7	315.1
3°	312.7	313.5	313.1	312.7	312.3
4°	309.5	310.3	309.9	309.1	309.1
5°	305.1	305.9	305.5	305.1	305.1
6°	300.7	301.5	300.7	299.9	299.9
7°	294.7	295.9	295.1	294.3	293.9
8°	288.0	289.1	288.3	288.0	287.2
9°	281.2	282.0	280.8	280.8	280.8
10°	274.0	274.4	273.6	272.4	272.4
11°	266.0	265.6	265.2	264.4	263.6
12°	257.2	257.2	256.0	255.2	254.8
13°	248.1	247.7	246.9	246.1	246.1
14°	238.5	238.5	237.7	236.1	236.5
15°	228.1	228.5	227.3	225.7	225.3
17.5°	204.6	203.8	201.8	200.6	199.4
20°	178.7	178.3	176.3	175.1	174.7
22.5°	154.7	154.3	152.4	151.2	152.0
25°	133.2	131.6	129.2	129.2	129.2
27.5°	113.3	111.3	109.7	108.9	109.7
30°	94.9	93.3	91.7	91.3	90.9
32.5°	78.6	77.8	77.0	75.8	75.8
35°	64.6	64.6	63.8	62.6	62.2
37.5°	52.6	53.0	52.6	51.4	51.0
40°	42.3	43.1	43.5	42.3	40.7
42.5°	34.7	35.9	36.7	34.7	33.5
45°	29.1	29.9	30.7	29.1	28.3
47.5°	25.5	25.9	26.3	25.1	24.7
50°	22.7	22.7	22.7	22.3	22.3
52.5°	20.7	20.7	20.3	19.9	19.9
55°	19.1	18.7	18.3	18.3	18.7
57.5°	17.9	17.5	16.8	17.1	17.5
60°	17.1	16.4	15.6	16.0	16.4
62.5°	16.0	15.2	14.4	14.8	15.6
65°	15.6	14.0	13.2	14.0	15.2
67.5°	15.2	13.2	12.0	13.2	14.8
70°	14.8	12.4	11.2	12.4	14.4
72.5°	14.4	11.6	10.0	11.6	14.0
75°	14.0	10.8	8.8	10.8	13.6
77.5°	13.2	10.0	7.6	10.0	12.4
80°	12.0	9.2	6.4	8.8	10.8
82.5°	8.8	7.6	5.2	7.6	8.0
85°	4.8	5.2	3.2	5.2	4.8
87.5°	0.4	0.8	0.8	2.4	1.6



TEST NUMBER: P1289198

CATALOG NUMBER: P3A05R35W2N902750DE010 E3PHLP1MW_5000K

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)