

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: P1291058

Luminaire Tested: P3A05R65W2N902750DE010 E3DLP1WMH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1291058
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-41)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R65W2N902750DE010 E3DLP1WMH_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R65 optic, 2700K CCT AND, 90CRI ,
E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

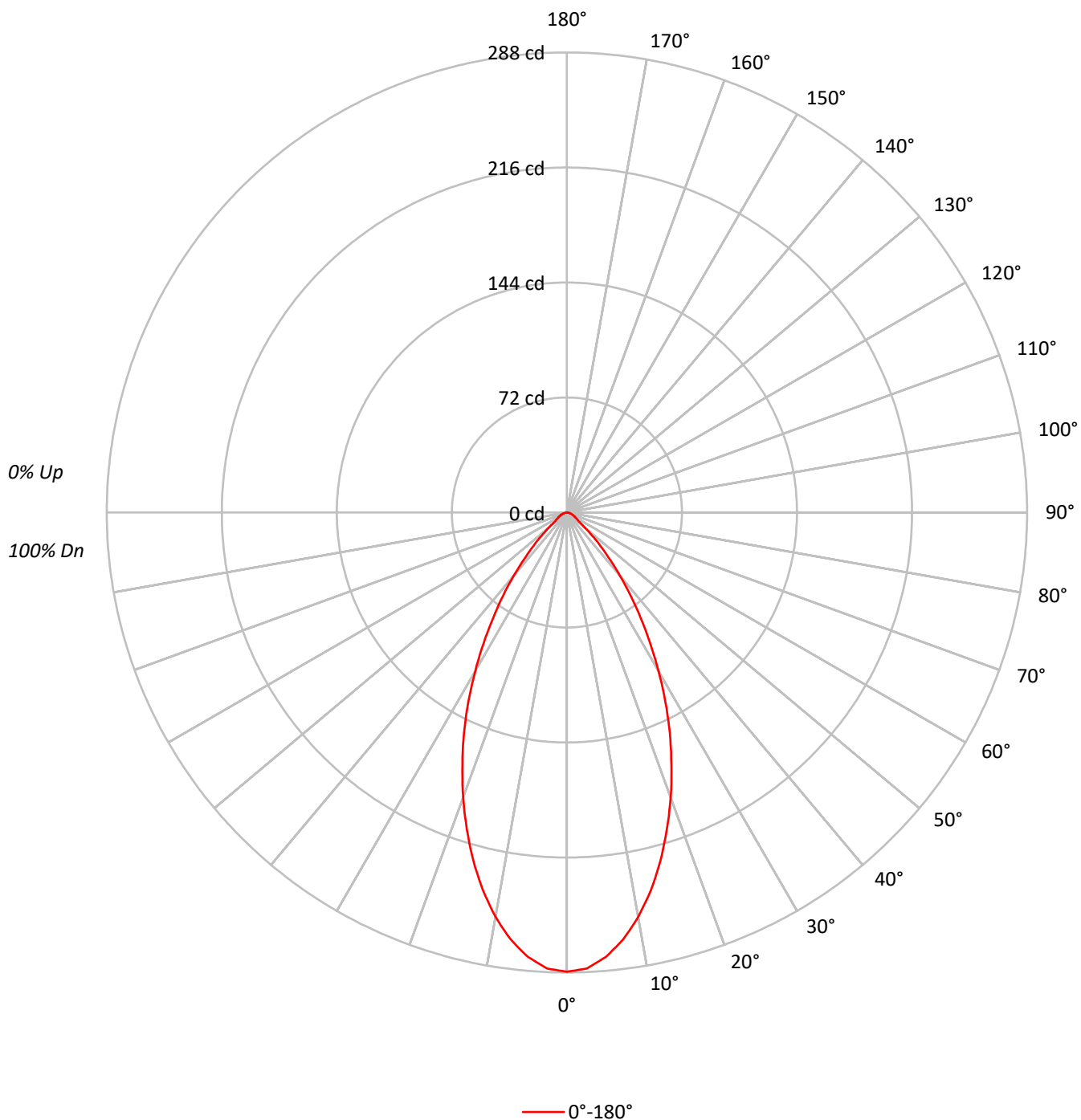
Lumens per Lamp: N/A
Luminaire Lumens: 248.0 lumens
Efficiency: N/A
Efficacy: 42.0 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1291058

CATALOG NUMBER: P3A05R65W2N902750DE010 E3DLP1WMH_2700K

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	113	110	107	105	110	108	105	103	104	102	100		100	98	97		96
2	107	101	97	93	104	100	96	92	96	93	90		93	91	88		90
3	101	94	88	84	99	92	87	83	90	85	82		87	84	81		85
4	95	87	81	76	93	86	80	76	84	79	75		82	78	74		80
5	90	81	75	70	88	80	74	70	78	73	69		77	72	69		75
6	85	76	69	65	84	75	69	65	73	68	64		72	67	64		71
7	81	71	65	60	79	70	64	60	69	64	60		68	63	59		67
8	77	67	60	56	75	66	60	56	65	59	56		64	59	55		63
9	73	63	57	52	72	62	56	52	61	56	52		60	55	52		59
10	69	59	53	49	68	59	53	49	58	53	49		57	52	49		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	63043
5°	61479
10°	57247
15°	51306
20°	44314
25°	36849
30°	29068
35°	21522
40°	14828
45°	9210
50°	5015
55°	3135
60°	2675
65°	2387
70°	2052
75°	1779
80°	1768
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 9210 cd/sqm

TEST NUMBER: P1291058

CATALOG NUMBER: P3A05R65W2N902750DE010 E3DLP1WMH_2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.0	10.5
10°-20°	62.8	25.3
20°-30°	69.4	28.0
30°-40°	50.4	20.3
40°-50°	23.6	9.5
50°-60°	8.0	3.2
60°-70°	4.6	1.8
70°-80°	2.4	1.0
80°-90°	0.8	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°	158.2	63.8
0°-40°	208.6	84.1
0°-60°	240.2	96.9
0°-90°	248.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	248.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	288	
5°	279	26
15°	226	63
25°	152	69
35°	80	50
45°	30	24
55°	8	8
65°	5	5
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	287.5
2.5°	285.7
5°	279.3
7.5°	269.6
10°	257.1
12.5°	242.4
15°	226.0
17.5°	208.1
20°	189.9
22.5°	170.9
25°	152.3
27.5°	133.4
30°	114.8
32.5°	96.9
35°	80.4
37.5°	65.4
40°	51.8
42.5°	39.7
45°	29.7
47.5°	21.5
50°	14.7
52.5°	10.0
55°	8.2
57.5°	7.2
60°	6.1
62.5°	5.4
65°	4.6
67.5°	3.9
70°	3.2
72.5°	2.9
75°	2.1
77.5°	1.8
80°	1.4
82.5°	1.1
85°	0.7
87.5°	0.4
90°	0.0

(END OF REPORT)