

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: P1304941

Luminaire Tested: P3RT05R50B2750DE010 E3CBUS1MW_4000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1304941
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-91)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3RT05R50B2750DE010 E3CBUS1MW_4000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R50 optic, 4000K CCT AND, 80CRI , E3CBUS1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

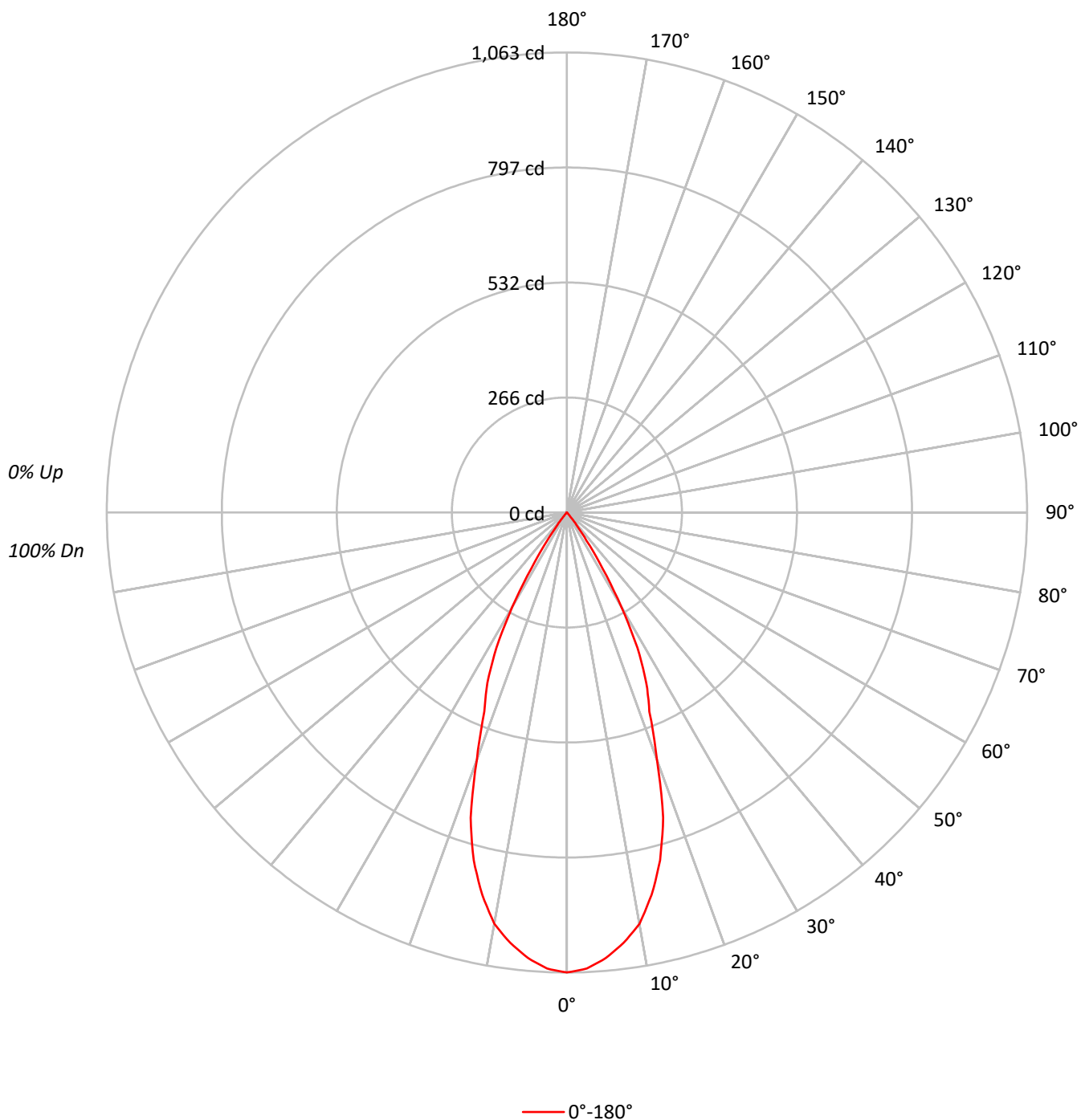
Lumens per Lamp: N/A
Luminaire Lumens: 578.0 lumens
Efficiency: N/A
Efficacy: 98.0 lumens/watt
Spacing Criteria (0/90/45): 0.71 / 0.71 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1304941

CATALOG NUMBER: P3RT05R50B2750DE010 E3CBUS1MW_4000K

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	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	114	112	110	108		112	110	108	106		106	104	103		102	101	100		99	98	97
2	110	105	102	99		108	104	101	98		101	98	96		98	96	94		95	93	92
3	105	100	95	92		103	98	94	91		96	93	90		93	91	89		91	89	87
4	101	95	90	86		99	93	89	86		91	88	85		89	86	84		88	85	83
5	97	90	85	81		95	89	84	81		87	83	80		86	82	79		84	81	79
6	93	85	80	77		92	85	80	76		83	79	76		82	78	75		81	78	75
7	89	81	76	73		88	81	76	73		80	75	72		79	75	72		77	74	72
8	86	78	73	69		85	77	72	69		76	72	69		75	71	68		74	71	68
9	83	74	69	66		82	74	69	66		73	69	66		72	68	65		71	68	65
10	79	71	66	63		79	71	66	63		70	66	63		69	65	63		69	65	62

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	233030
5°	227448
10°	214870
15°	188832
20°	142042
25°	105030
30°	63706
35°	21067
40°	3721
45°	0
50°	0
55°	0
60°	0
65°	0
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 0 cd/sqm

TEST NUMBER: P1304941

CATALOG NUMBER: P3RT05R50B2750DE010 E3CBUS1MW_4000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	96.5	16.7
10°-20°	226.2	39.1
20°-30°	194.0	33.6
30°-40°	59.8	10.4
40°-50°	1.5	0.3
50°-60°	0.0	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	516.7	89.4
0°-40°	576.5	99.7
0°-60°	578.0	100.0
0°-90°	578.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	578.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1063	
5°	1033	96
15°	832	226
25°	434	194
35°	79	60
45°	0	1
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1062.7
2.5°	1054.9
5°	1033.3
7.5°	1003.0
10°	965.0
12.5°	904.5
15°	831.8
17.5°	739.3
20°	608.7
22.5°	498.1
25°	434.1
27.5°	352.8
30°	251.6
32.5°	153.1
35°	78.7
37.5°	35.5
40°	13.0
42.5°	1.7
45°	0.0
47.5°	0.0
50°	0.0
52.5°	0.0
55°	0.0
57.5°	0.0
60°	0.0
62.5°	0.0
65°	0.0
67.5°	0.0
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)