

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: P1305021

Luminaire Tested: P3RT09R70B2750DE010 E3CBUS1MW_4000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1305021
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-95)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3RT09R70B2750DE010 E3CBUS1MW_4000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R70 optic, 4000K CCT AND, 80CRI , E3CBUS1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

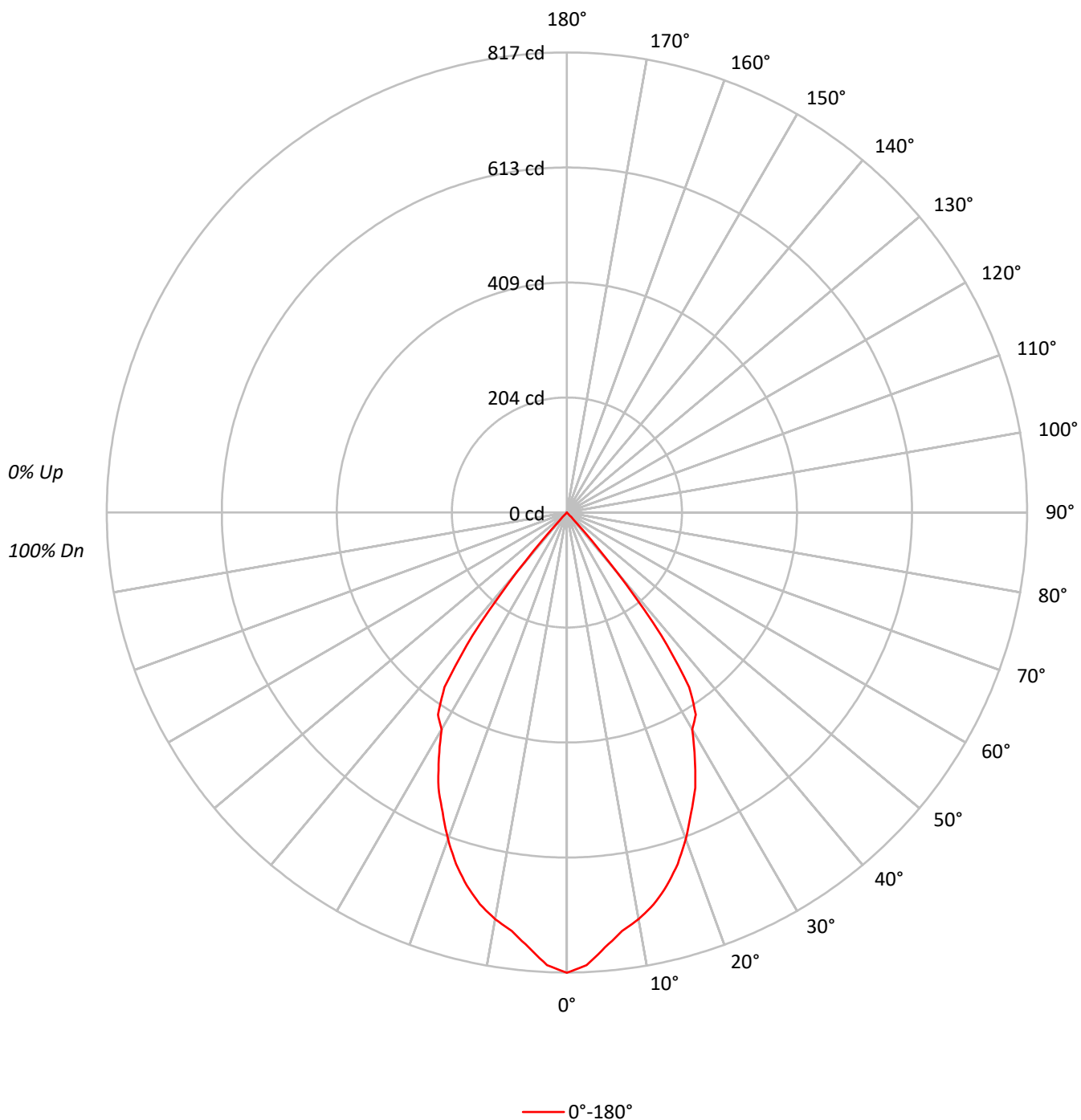
Lumens per Lamp: N/A
Luminaire Lumens: 737.0 lumens
Efficiency: N/A
Efficacy: 56.3 lumens/watt
Spacing Criteria (0/90/45): 0.92 / 0.92 / 0.99
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 13.1
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: P1305021

CATALOG NUMBER: P3RT09R70B2750DE010 E3CBUS1MW_4000K

Luminous Intensity Polar Plot



TEST NUMBER: P1305021

CATALOG NUMBER: P3RT09R70B2750DE010 E3CBUS1MW_4000K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				20				20				20
RC	80				70				50				30				10				0				0				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0				0				0
RCR																													
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100											100
1	114	111	108	106	111	109	107	105	105	103	101	101	100	98	98	96	95	94											94
2	108	103	99	96	106	102	98	95	98	95	93	95	93	91	93	91	89	87											87
3	103	96	91	88	101	95	90	87	92	89	85	90	87	84	88	85	83	81											81
4	98	90	85	80	96	89	84	80	87	82	79	85	81	78	83	80	77	76											76
5	93	84	79	74	91	83	78	74	82	77	73	80	76	73	78	75	72	71											71
6	88	79	73	69	86	78	73	69	77	72	68	75	71	68	74	70	67	66											66
7	83	74	68	64	82	74	68	64	72	67	64	71	67	63	70	66	63	61											61
8	79	70	64	60	78	69	64	60	68	63	59	67	62	59	66	62	59	57											57
9	75	66	60	56	74	65	60	56	64	59	56	63	59	55	63	58	55	54											54
10	72	62	56	52	71	62	56	52	61	56	52	60	55	52	59	55	52	51											51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	179240
5°	170658
10°	163257
15°	155733
20°	144026
25°	130508
30°	112676
35°	101375
40°	39417
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: P1305021

CATALOG NUMBER: P3RT09R70B2750DE010 E3CBUS1MW_4000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	72.7	9.9
10°-20°	191.7	26.0
20°-30°	245.2	33.3
30°-40°	211.7	28.7
40°-50°	15.8	2.1
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°	509.6	69.1
0°-40°	721.2	97.9
0°-60°	737.0	100.0
0°-90°	737.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	737.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	817	
5°	775	73
15°	686	192
25°	539	245
35°	379	212
45°	0	16
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	



TEST NUMBER: P1305021

CATALOG NUMBER: P3RT09R70B2750DE010 E3CBUS1MW_4000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	817.4
2.5°	804.6
5°	775.3
7.5°	749.8
10°	733.2
12.5°	712.8
15°	686.0
17.5°	654.2
20°	617.2
22.5°	576.4
25°	539.4
27.5°	492.2
30°	445.0
32.5°	425.9
35°	378.7
37.5°	275.4
40°	137.7
42.5°	17.9
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)