

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: P1304948

Luminaire Tested: P3RT05R60B2750DE010 E3CBUS1MW_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1304948
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-93)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3RT05R60B2750DE010 E3CBUS1MW_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R60 optic, 2700K CCT AND, 90CRI , E3CBUS1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

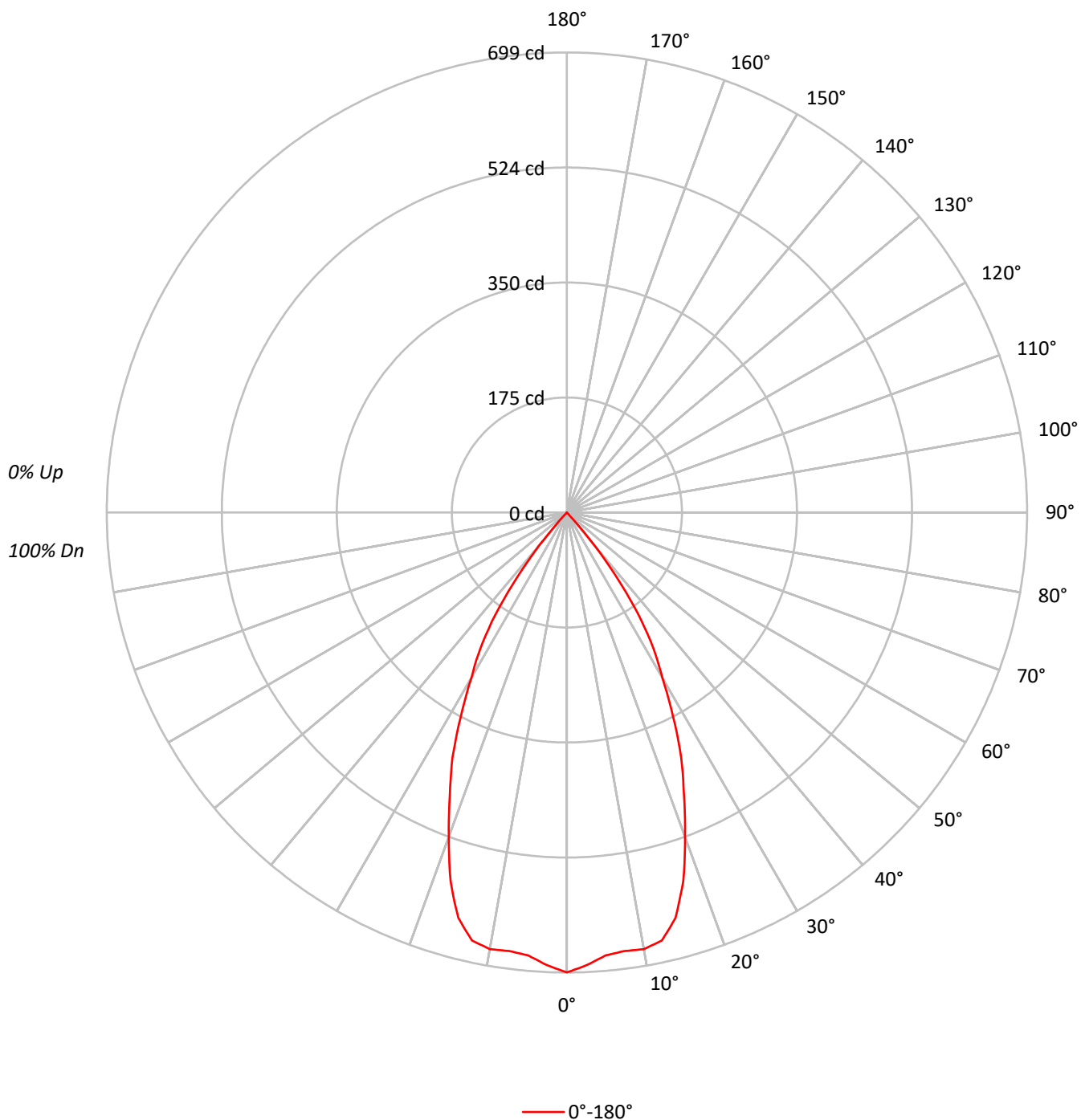
Lumens per Lamp: N/A
Luminaire Lumens: 544.0 lumens
Efficiency: N/A
Efficacy: 92.2 lumens/watt
Spacing Criteria (0/90/45): 0.86 / 0.86 / 0.84
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				20
RC	80				70				50				30				10				0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50	30	10		0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102		100
1	114	111	109	107	111	109	107	105	105	103	102		101	100	99		98	97	96		94
2	109	104	100	97	107	102	99	96	99	96	94		96	94	92		94	92	90		89
3	104	98	93	89	102	96	92	89	94	90	87		91	88	86		89	87	85		83
4	99	92	87	83	97	91	86	82	89	85	81		87	83	80		85	82	79		78
5	94	86	81	77	93	86	80	77	84	79	76		82	78	75		81	77	75		73
6	90	82	76	72	89	81	76	72	79	75	71		78	74	71		77	73	70		69
7	86	77	71	68	85	76	71	67	75	70	67		74	70	67		73	69	66		65
8	82	73	67	63	81	72	67	63	71	67	63		70	66	63		69	66	63		61
9	78	69	64	60	77	69	63	60	68	63	60		67	63	59		66	62	59		58
10	75	66	60	57	74	65	60	56	64	60	56		64	59	56		63	59	56		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	153211
5°	148690
10°	150008
15°	144745
20°	122441
25°	99441
30°	73505
35°	50969
40°	18263
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

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	64.5	11.9
10°-20°	174.3	32.0
20°-30°	185.7	34.1
30°-40°	112.8	20.7
40°-50°	6.7	1.2
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°	424.5	78.0
0°-40°	537.3	98.8
0°-60°	544.0	100.0
0°-90°	544.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	544.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	699	
5°	676	65
15°	638	174
25°	411	186
35°	190	113
45°	0	7
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	698.7
2.5°	688.4
5°	675.5
7.5°	672.0
10°	673.7
12.5°	666.0
15°	637.6
17.5°	587.6
20°	524.7
22.5°	464.4
25°	411.0
27.5°	348.9
30°	290.3
32.5°	244.7
35°	190.4
37.5°	124.1
40°	63.8
42.5°	5.2
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)