Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled data based on original data using

LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: PORTFOLIO

Report Number: P859400

Luminaire Tested: **LX4C65D010 EX4C659040 4LBWLI**

Issue Date: 2/8/2022

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Test Information

Test Method:	LM-79-08
Report Number:	P859400
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P208077)
Test Lab:	INNOVATION CENTER
Issue Date:	2/8/2022
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	PORTFOLIO
Catalog Number:	LX4C65D010 EX4C659040 4LBWLI
Description:	4 INCH 6500 LUMEN PORTFOLIO LED DOWNLIGHT WITH, 4000K, 90CRI LEDS AND 4LBW TRIM WITH LI FINISH
Light Source:	-
Ballast/Driver:	

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6708.0 lumens
Efficiency:	N/A
Efficacy:	92.7 lumens/watt
Spacing Criteria (0/90/45):	1.29 / 1.29 / 1.18
Luminous Opening:	Point Source (0' x 0' x 0')
CIE Type:	Direct

Input Watts (W):	72.4
Input Voltage (V):	
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:	25 FT

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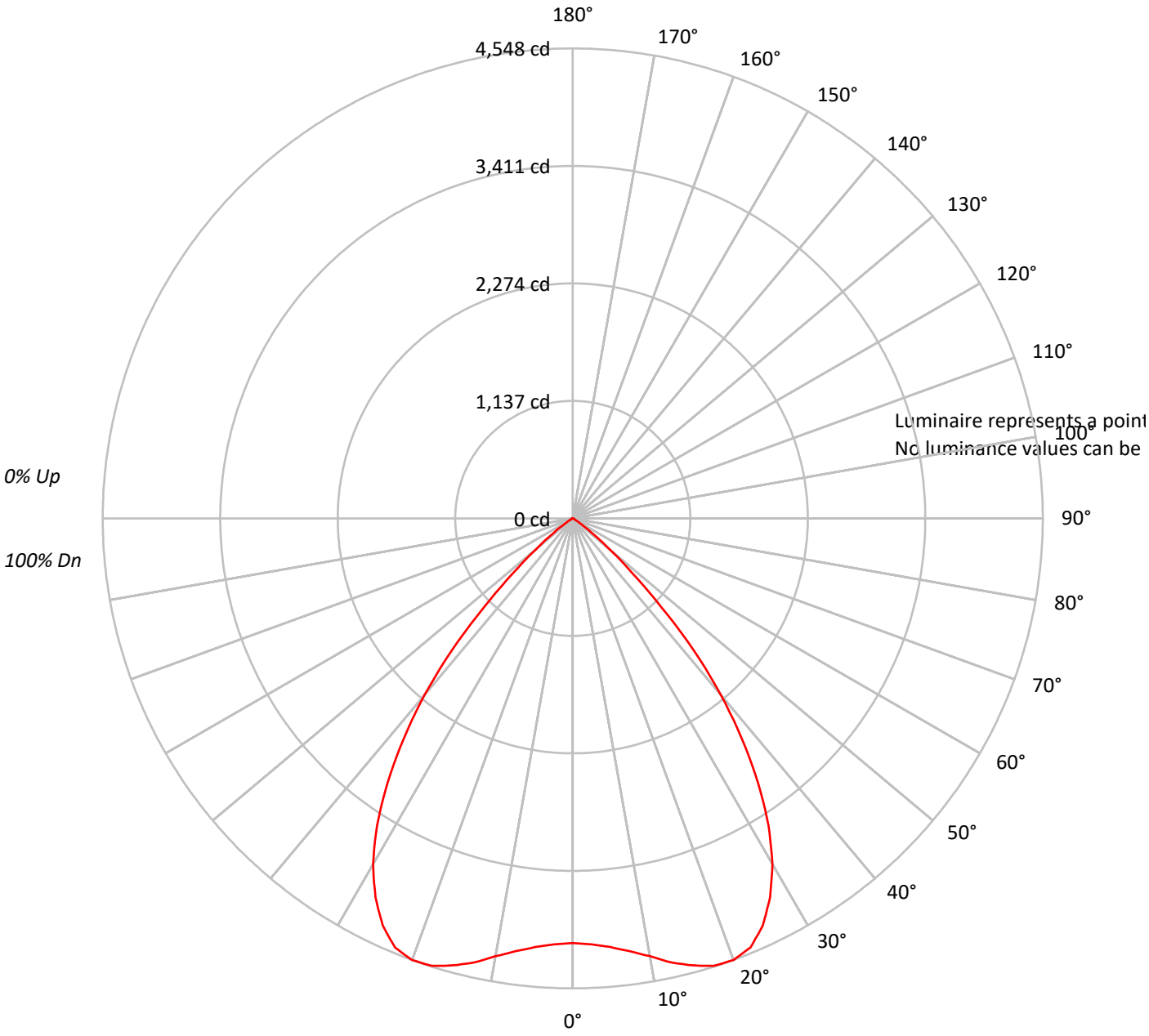
Luminous Intensity Polar Plot



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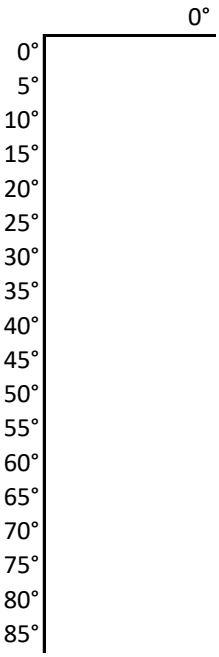
COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

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	113	110	107	105	110	108	105	103	104	102	100	100	98	97	96	95	94	92
2	106	101	97	93	104	99	95	92	96	93	90	93	90	88	90	88	86	84
3	100	93	87	83	98	92	86	82	89	85	81	86	83	80	84	81	78	77
4	94	86	79	75	92	84	79	74	82	77	73	80	76	72	78	75	72	70
5	88	79	72	68	87	78	72	67	76	71	67	74	70	66	73	69	65	64
6	83	73	66	62	82	72	66	61	71	65	61	69	64	60	68	63	60	58
7	78	68	61	56	77	67	61	56	66	60	56	64	59	55	63	59	55	54
8	74	63	56	52	72	62	56	51	61	55	51	60	55	51	59	54	51	49
9	69	59	52	48	68	58	52	47	57	51	47	56	51	47	55	50	47	45
10	66	55	48	44	65	54	48	44	53	48	44	53	47	44	52	47	43	42

AVERAGE LUMINANCE (cd/sqm):



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	401.9	6.0
10°-20°	1268.4	18.9
20°-30°	1978.7	29.5
30°-40°	1925.3	28.7
40°-50°	961.6	14.3
50°-60°	148.9	2.2
60°-70°	18.0	0.3
70°-80°	5.1	0.1
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°	3649.1	54.4
0°-40°	5574.4	83.1
0°-60°	6684.9	99.7
0°-90°	6708.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6708.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4110	
5°	4164	402
15°	4479	1268
25°	4348	1979
35°	3127	1925
45°	1206	962
55°	123	149
65°	15	18
75°	8	5
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	4110.0
2.5°	4125.3
5°	4163.8
7.5°	4225.3
10°	4302.3
12.5°	4401.9
15°	4478.8
17.5°	4540.4
20°	4548.0
22.5°	4494.2
25°	4348.4
27.5°	4133.0
30°	3864.2
32.5°	3526.4
35°	3126.8
37.5°	2688.7
40°	2227.9
42.5°	1736.3
45°	1206.2
47.5°	775.8
50°	468.5
52.5°	253.5
55°	123.1
57.5°	53.8
60°	30.8
62.5°	23.1
65°	15.4
67.5°	15.4
70°	7.7
72.5°	7.7
75°	7.7
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

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Report Generated By 670246072 / DESKTOP-50001EG

0°-180°

(END OF REPORT)