

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: P684859

Luminaire Tested: **LX6C15D010 EX6159035 6LBSLI**

Issue Date: 2/15/2022



Test Information

Test Method: LM-79-08
Report Number: P684859
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P205419)
Test Lab: INNOVATION CENTER
Issue Date: 2/15/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LX6C15D010 EX6159035 6LBSLI
Description: 6 INCH 1500 LUMEN PORTFOLIO LED DOWNLIGHT WITH, 3500K, 90CRI LEDS
AND 6LBS TRIM WITH LI FINISH
Light Source: -
Ballast/Driver: -

Summary

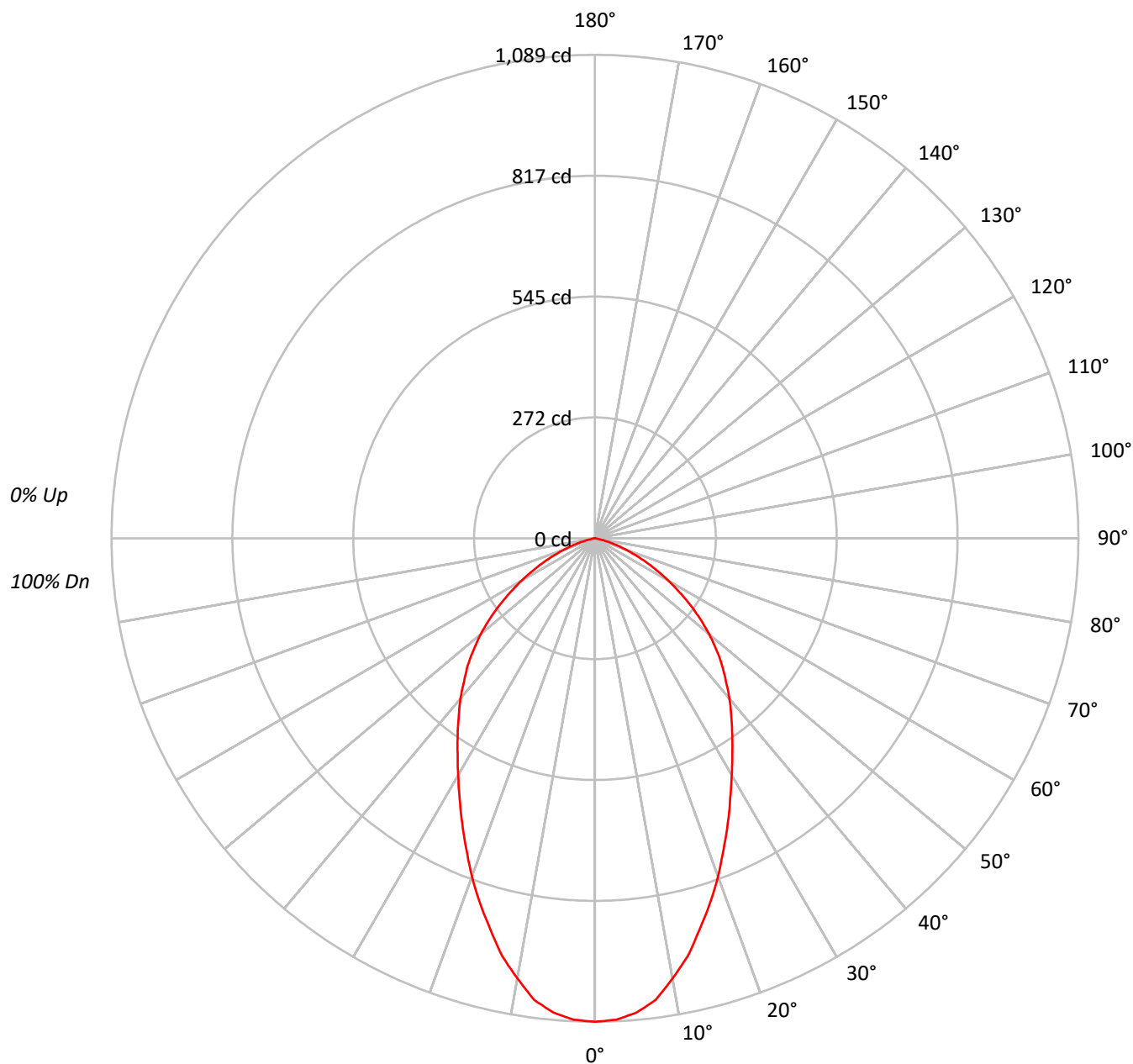
Lumens per Lamp: N/A
Luminaire Lumens: 1726.0 lumens
Efficiency: N/A
Efficacy: 109.2 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 1.04
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 15.8
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
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	111	107	104	101	109	105	102	99	101	99	96		97	95	93		94
2	103	96	91	86	100	94	89	85	91	87	83		88	84	81		85
3	95	86	79	74	93	85	78	73	82	76	72		79	75	71		77
4	88	78	70	64	86	77	69	64	74	68	63		72	67	62		70
5	82	71	63	57	80	70	62	57	67	61	56		66	60	55		64
6	76	64	56	51	74	63	56	51	62	55	50		60	54	50		59
7	71	59	51	46	70	58	51	45	57	50	45		55	49	45		54
8	67	54	47	41	65	54	46	41	52	46	41		51	45	41		50
9	63	50	43	38	61	50	43	38	49	42	38		48	42	37		47
10	59	47	40	35	58	46	39	35	45	39	35		45	39	34		44

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	59710
5°	59030
10°	56039
15°	51720
20°	47283
25°	42813
30°	39000
35°	36078
40°	33720
45°	31414
50°	28622
55°	25060
60°	20908
65°	16409
70°	11460
75°	6206
80°	1168
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	100.4	5.8
10°-20°	255.5	14.8
20°-30°	325.8	18.9
30°-40°	337.9	19.6
40°-50°	311.3	18.0
50°-60°	234.2	13.6
60°-70°	126.4	7.3
70°-80°	33.9	2.0
80°-90°	0.5	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°	681.7	39.5
0°-40°	1019.6	59.1
0°-60°	1565.2	90.7
0°-90°	1726.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1726.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1089	
5°	1073	100
15°	911	256
25°	708	326
35°	539	338
45°	405	311
55°	262	234
65°	126	126
75°	29	34
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1089.2
2.5°	1085.5
5°	1072.7
7.5°	1048.8
10°	1006.7
12.5°	964.5
15°	911.3
17.5°	861.8
20°	810.5
22.5°	757.3
25°	707.8
27.5°	660.1
30°	616.1
32.5°	575.8
35°	539.1
37.5°	504.3
40°	471.2
42.5°	436.4
45°	405.2
47.5°	370.4
50°	335.6
52.5°	298.9
55°	262.2
57.5°	225.5
60°	190.7
62.5°	157.7
65°	126.5
67.5°	97.2
70°	71.5
72.5°	49.5
75°	29.3
77.5°	12.8
80°	3.7
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)