

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: P684017

Luminaire Tested: **LX6C130D010 EX6C1309040 6LBWH**

Issue Date: 2/15/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P684017  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P202739)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/15/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: PORTFOLIO  
Catalog Number: LX6C130D010 EX6C1309040 6LBWH  
Description: 6 INCH 13000 LUMEN PORTFOLIO LED DOWNLIGHT WITH, 4000K, 90CRI LEDS  
AND 6LBW TRIM WITH H FINISH  
Light Source: -  
Ballast/Driver: -

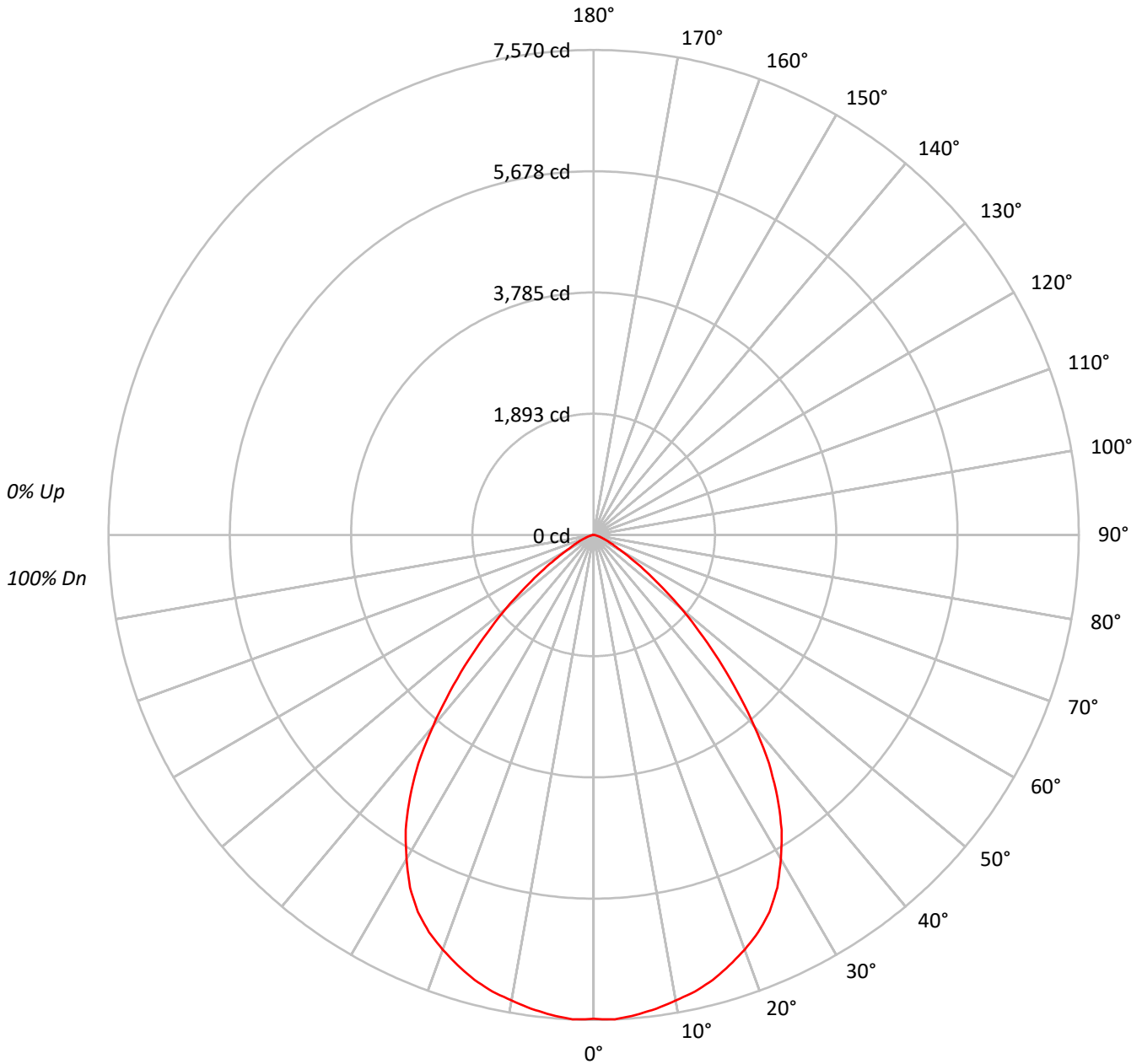
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 12248.0 lumens  
Efficiency: N/A  
Efficacy: 84.9 lumens/watt  
Spacing Criteria (0/90/45): 1.16 / 1.16 / 1.16  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 144.3  
Input Voltage (V):  
Input Current (A<sub>in</sub>): 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																	
RC	80									50									30									10									0								
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	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	112	109	106	103	110	107	104	101	103	100	98	99	97	95	95	94	93	91																											
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	85	83	81																											
3	98	90	84	79	96	89	83	78	86	81	77	83	79	76	81	78	75	73																											
4	92	82	75	70	90	81	75	70	79	73	69	77	72	68	75	71	67	65																											
5	86	75	68	63	84	74	68	63	72	66	62	71	65	61	69	64	61	59																											
6	80	69	62	57	78	68	61	56	67	61	56	65	60	56	64	59	55	53																											
7	75	64	56	51	73	63	56	51	62	55	51	60	55	51	59	54	50	49																											
8	70	59	52	47	69	58	51	47	57	51	46	56	50	46	55	50	46	44																											
9	66	55	48	43	65	54	47	43	53	47	43	52	47	42	51	46	42	41																											
10	62	51	44	40	61	50	44	39	50	43	39	49	43	39	48	43	39	38																											

**AVERAGE LUMINANCE (cd/sqm):**

	0°
0°	414117
5°	413971
10°	410786
15°	408039
20°	401823
25°	392642
30°	369696
35°	334575
40°	279381
45°	214076
50°	151611
55°	95586
60°	53921
65°	35010
70°	22856
75°	16796
80°	10071
85°	10064



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	713.5	5.8
10°-20°	2024.6	16.5
20°-30°	2968.5	24.2
30°-40°	3089.4	25.2
40°-50°	2137.4	17.5
50°-60°	930.7	7.6
60°-70°	285.4	2.3
70°-80°	85.5	0.7
80°-90°	13.0	0.1
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°	5706.5	46.6
0°-40°	8795.9	71.8
0°-60°	11864.0	96.9
0°-90°	12248.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	12248.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	7554	
5°	7523	713
15°	7190	2025
25°	6491	2968
35°	4999	3089
45°	2761	2137
55°	1000	931
65°	270	285
75°	79	86
85°	16	13
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	7554.1
2.5°	7570.1
5°	7522.7
7.5°	7459.4
10°	7379.5
12.5°	7300.2
15°	7189.6
17.5°	7046.4
20°	6887.8
22.5°	6713.2
25°	6491.3
27.5°	6205.4
30°	5840.3
32.5°	5459.2
35°	4999.4
37.5°	4491.6
40°	3904.0
42.5°	3316.9
45°	2761.3
47.5°	2237.5
50°	1777.7
52.5°	1349.3
55°	1000.1
57.5°	714.3
60°	491.8
62.5°	365.1
65°	269.9
67.5°	206.5
70°	142.6
72.5°	111.2
75°	79.3
77.5°	47.4
80°	31.9
82.5°	16.0
85°	16.0
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG







— 0°-180°







(END OF REPORT)