

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: P856590

Luminaire Tested: **LD6C130D010 EU61309035 6LBWLI**

Issue Date: 2/15/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P856590  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P205209)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/15/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: PORTFOLIO  
Catalog Number: LD6C130D010 EU61309035 6LBWLI  
Description: 6 INCH 13000 LUMEN PORTFOLIO LED DOWNLIGHT WITH, 3500K, 90CRI LEDS  
AND 6LBW TRIM WITH LI FINISH  
Light Source: -  
Ballast/Driver: -

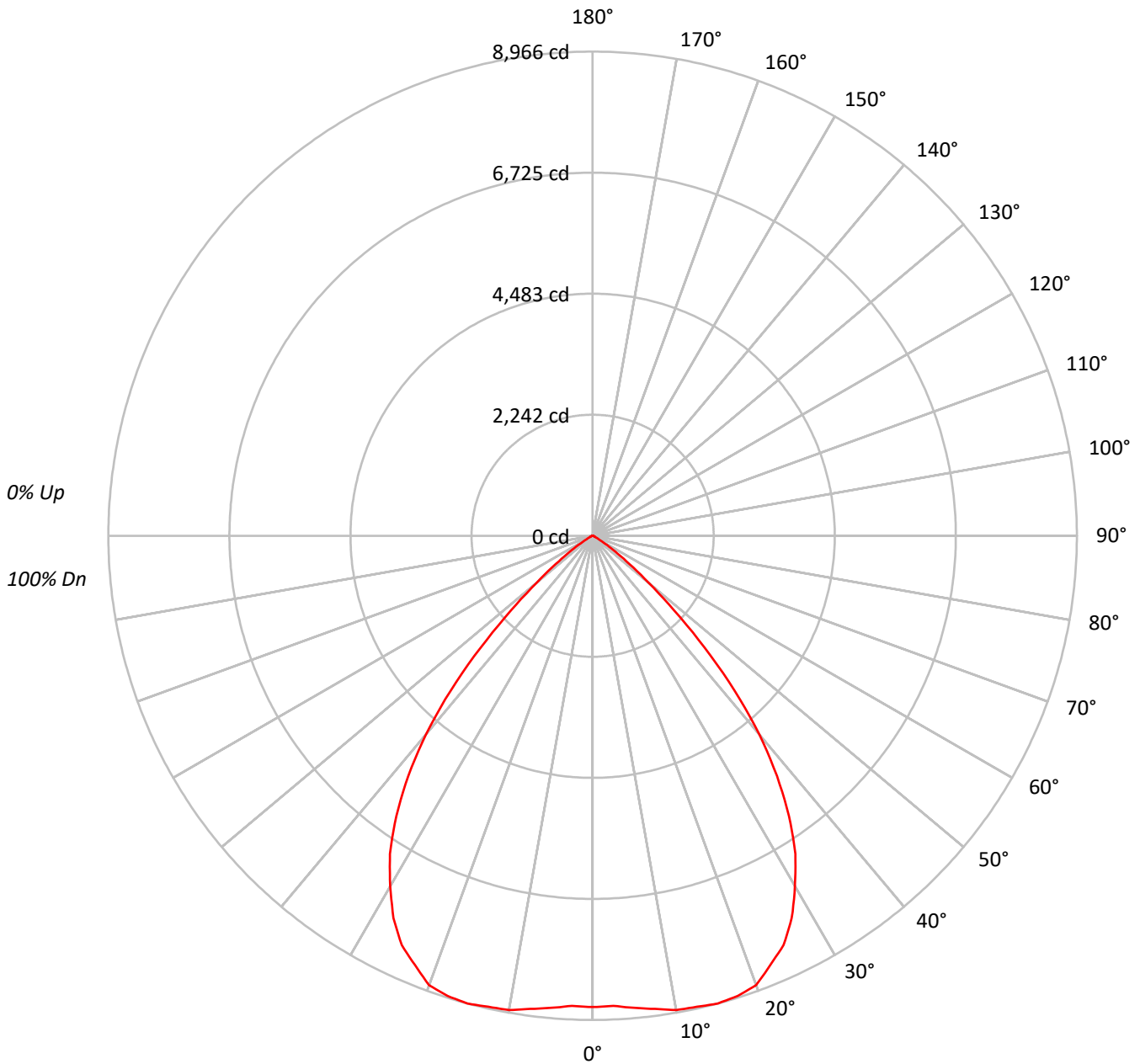
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 13971.0 lumens  
Efficiency: N/A  
Efficacy: 96.8 lumens/watt  
Spacing Criteria (0/90/45): 1.24 / 1.24 / 1.18  
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									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	113	110	107	104	110	107	105	103	103	101	99	100	98	97	96	95	94	92																											
2	106	101	96	92	104	99	95	91	95	92	89	92	90	87	90	87	85	83																											
3	100	92	87	82	97	91	86	81	88	84	80	86	82	79	83	80	77	76																											
4	93	85	78	73	92	84	78	73	81	76	72	79	75	71	77	74	70	69																											
5	88	78	71	66	86	77	71	66	75	70	65	73	69	65	72	68	64	63																											
6	82	72	65	60	81	71	65	60	70	64	59	68	63	59	67	62	59	57																											
7	77	67	60	55	76	66	59	55	65	59	54	63	58	54	62	57	54	52																											
8	73	62	55	50	71	61	55	50	60	54	50	59	54	50	58	53	49	48																											
9	69	57	51	46	67	57	50	46	56	50	46	55	50	46	54	49	46	44																											
10	65	54	47	43	64	53	47	42	52	46	42	51	46	42	51	46	42	41																											

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

	0°
0°	478470
5°	482901
10°	496411
15°	508834
20°	516557
25°	505886
30°	474288
35°	424045
40°	343465
45°	227202
50°	114836
55°	48447
60°	15613
65°	6136
70°	5113
75°	3368
80°	0
85°	0



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	842.0	6.0
10°-20°	2530.8	18.1
20°-30°	3815.0	27.3
30°-40°	3904.8	27.9
40°-50°	2274.8	16.3
50°-60°	522.7	3.7
60°-70°	64.2	0.5
70°-80°	16.8	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°	7187.7	51.4
0°-40°	11092.5	79.4
0°-60°	13890.0	99.4
0°-90°	13971.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	13971.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	8728	
5°	8775	842
15°	8966	2531
25°	8364	3815
35°	6336	3905
45°	2931	2275
55°	507	523
65°	47	64
75°	16	17
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	8728.0
2.5°	8712.1
5°	8775.3
7.5°	8838.5
10°	8917.7
12.5°	8933.7
15°	8965.6
17.5°	8933.7
20°	8854.5
22.5°	8601.0
25°	8363.5
27.5°	7983.6
30°	7492.6
32.5°	6985.6
35°	6336.3
37.5°	5607.2
40°	4799.5
42.5°	3896.7
45°	2930.6
47.5°	2043.2
50°	1346.5
52.5°	855.5
55°	506.9
57.5°	269.4
60°	142.4
62.5°	79.2
65°	47.3
67.5°	47.3
70°	31.9
72.5°	15.9
75°	15.9
77.5°	15.9
80°	0.0
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)