

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: P563980

Luminaire Tested: **LX6C60D010 EX6C609030 6LBWH**

Issue Date: 2/15/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P563980  
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: LX6C60D010 EX6C609030 6LBWH  
Description: 6 INCH 6000 LUMEN PORTFOLIO LED DOWNLIGHT WITH, 3000K, 90CRI LEDS  
AND 6LBW TRIM WITH H FINISH, DIM TO WARM  
Light Source: -  
Ballast/Driver: -

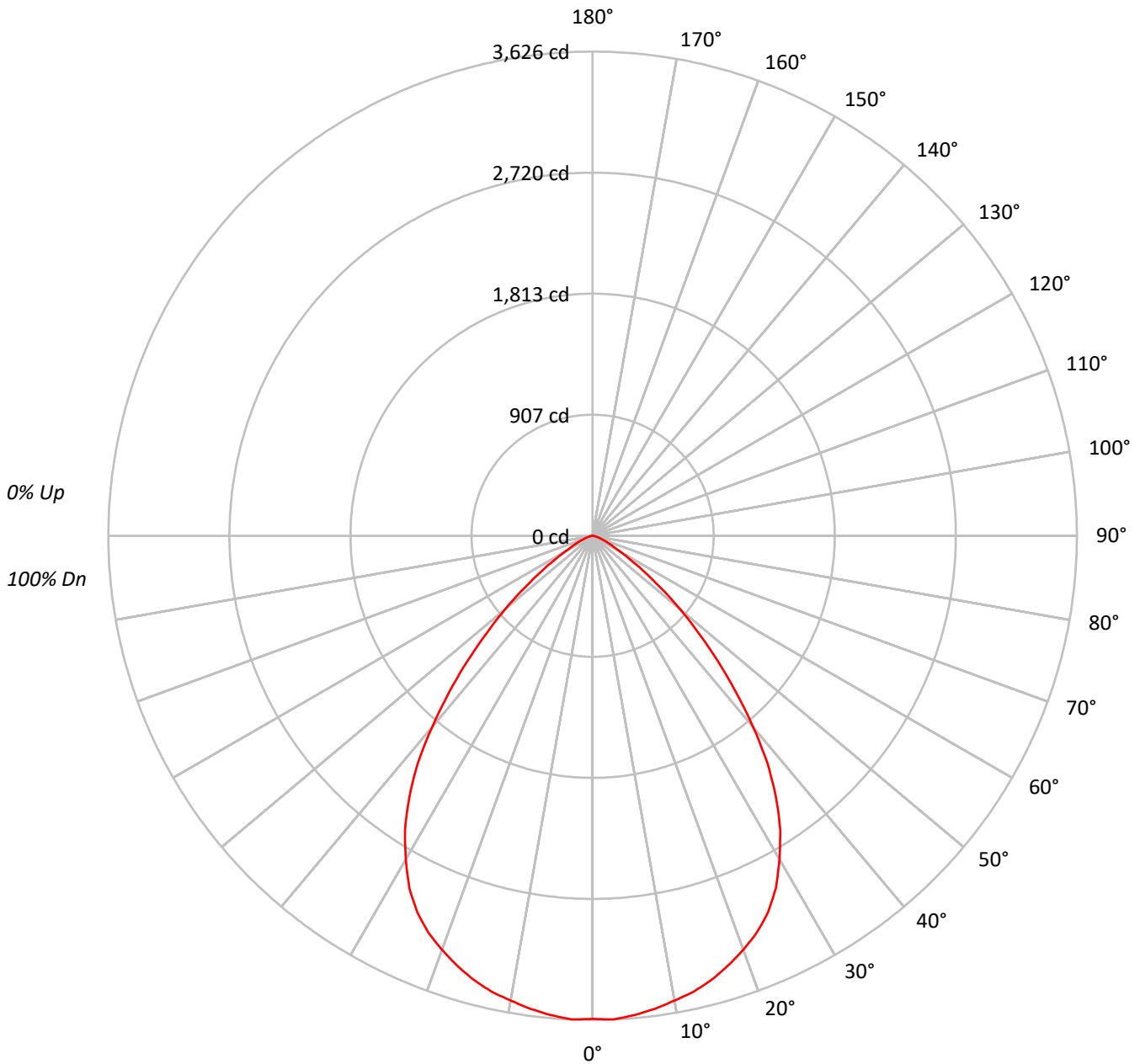
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5866.2 lumens  
Efficiency: N/A  
Efficacy: 81.5 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): 72  
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	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°	198345
5°	198272
10°	196751
15°	195427
20°	192453
25°	188055
30°	177065
35°	160247
40°	133808
45°	102530
50°	72612
55°	45781
60°	25831
65°	16772
70°	10963
75°	8028
80°	4830
85°	4780



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	341.7	5.8
10°-20°	969.7	16.5
20°-30°	1421.7	24.2
30°-40°	1479.7	25.2
40°-50°	1023.7	17.5
50°-60°	445.7	7.6
60°-70°	136.7	2.3
70°-80°	41.0	0.7
80°-90°	6.2	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°	2733.1	46.6
0°-40°	4212.8	71.8
0°-60°	5682.3	96.9
0°-90°	5866.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5866.2	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	3618	
5°	3603	342
15°	3443	970
25°	3109	1422
35°	2394	1480
45°	1322	1024
55°	479	446
65°	129	137
75°	38	41
85°	8	6
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	3618.1
2.5°	3625.7
5°	3603.0
7.5°	3572.7
10°	3534.5
12.5°	3496.4
15°	3443.4
17.5°	3374.9
20°	3298.9
22.5°	3215.3
25°	3109.0
27.5°	2972.1
30°	2797.2
32.5°	2614.7
35°	2394.5
37.5°	2151.3
40°	1869.8
42.5°	1588.7
45°	1322.5
47.5°	1071.7
50°	851.4
52.5°	646.2
55°	479.0
57.5°	342.1
60°	235.6
62.5°	174.9
65°	129.3
67.5°	98.9
70°	68.4
72.5°	53.3
75°	37.9
77.5°	22.7
80°	15.3
82.5°	7.6
85°	7.6
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG







— 0°-180°







(END OF REPORT)