

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: P844129

Luminaire Tested: **LD6C20DE010B2750 EU6C20B30 6LBWH**

Issue Date: 2/17/2023

**Test Information**

Test Method: LM-79-08  
Report Number: P844129  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P202739)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/17/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: PORTFOLIO  
Catalog Number: LD6C20DE010B2750 EU6C20B30 6LBWH  
Description:  
Light Source: -  
Ballast/Driver:

**Summary**

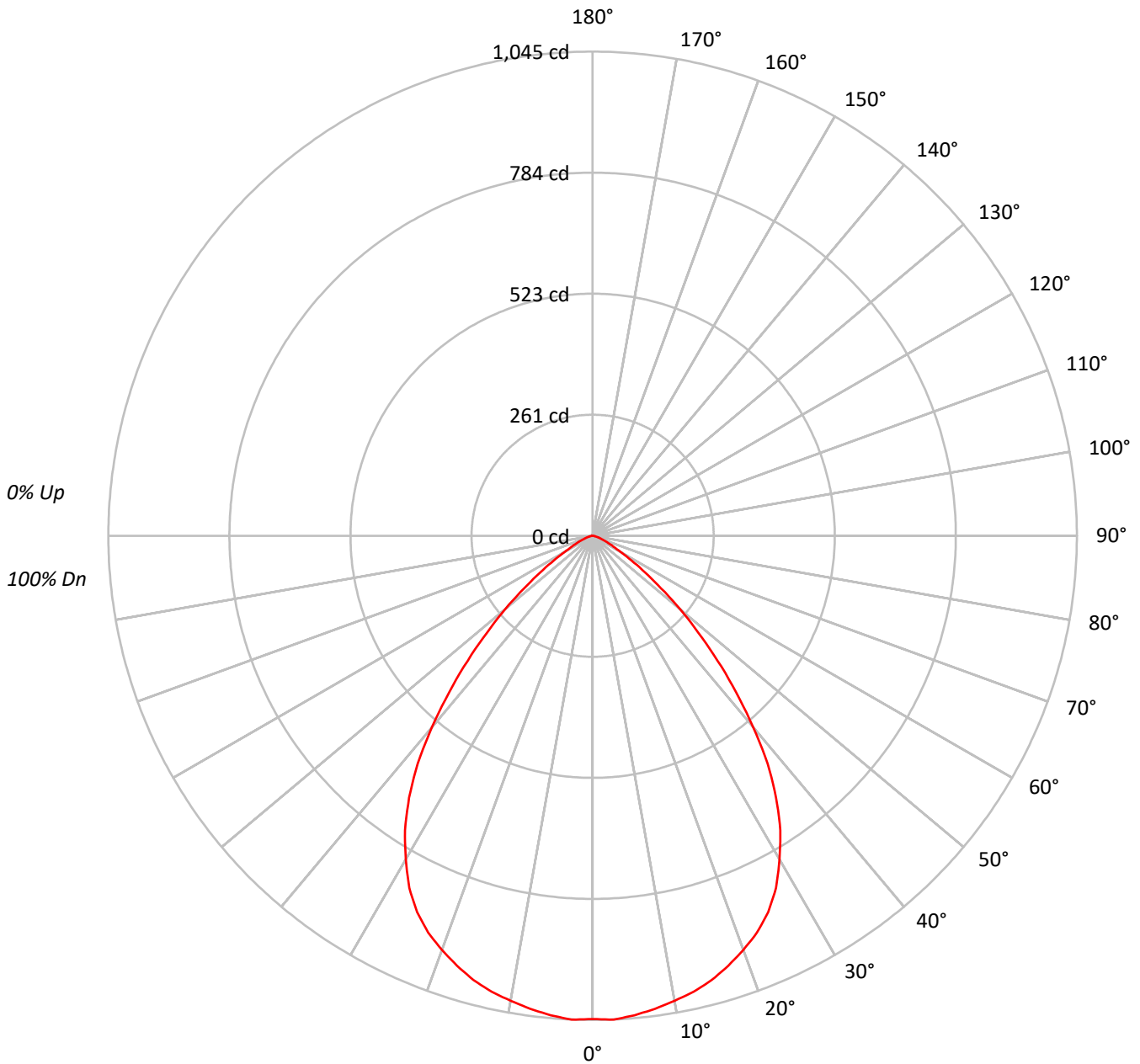
Lumens per Lamp: N/A  
Luminaire Lumens: 1691.2 lumens  
Efficiency: N/A  
Efficacy: 77.6 lumens/watt  
Spacing Criteria (0/90/45): 1.16 / 1.16 / 1.16  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct

Input Watts (W): 21.8  
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			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°	57177
5°	57159
10°	56718
15°	56340
20°	55480
25°	54209
30°	51046
35°	46197
40°	38579
45°	29561
50°	20937
55°	13199
60°	7445
65°	4825
70°	3158
75°	2330
80°	1389
85°	1384



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	98.5	5.8
10°-20°	279.5	16.5
20°-30°	409.9	24.2
30°-40°	426.6	25.2
40°-50°	295.1	17.5
50°-60°	128.5	7.6
60°-70°	39.4	2.3
70°-80°	11.8	0.7
80°-90°	1.8	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°	787.9	46.6
0°-40°	1214.5	71.8
0°-60°	1638.1	96.9
0°-90°	1691.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1691.2	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1043	
5°	1039	99
15°	993	280
25°	896	410
35°	690	427
45°	381	295
55°	138	129
65°	37	39
75°	11	12
85°	2	2
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1043.0
2.5°	1045.3
5°	1038.7
7.5°	1029.9
10°	1018.9
12.5°	1008.0
15°	992.7
17.5°	972.9
20°	951.0
22.5°	926.9
25°	896.2
27.5°	856.8
30°	806.4
32.5°	753.8
35°	690.3
37.5°	620.2
40°	539.1
42.5°	458.0
45°	381.3
47.5°	308.9
50°	245.5
52.5°	186.2
55°	138.1
57.5°	98.7
60°	67.9
62.5°	50.4
65°	37.2
67.5°	28.6
70°	19.7
72.5°	15.3
75°	11.0
77.5°	6.6
80°	4.4
82.5°	2.2
85°	2.2
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG







— 0°-180°







(END OF REPORT)