

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: P844299

Luminaire Tested: **LD6C30DE010B2750 EU6C30B30 6LBWH**

Issue Date: 2/17/2023

**Test Information**

Test Method: LM-79-08  
Report Number: P844299  
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: LD6C30DE010B2750 EU6C30B30 6LBWH  
Description:  
Light Source: -  
Ballast/Driver:

**Summary**

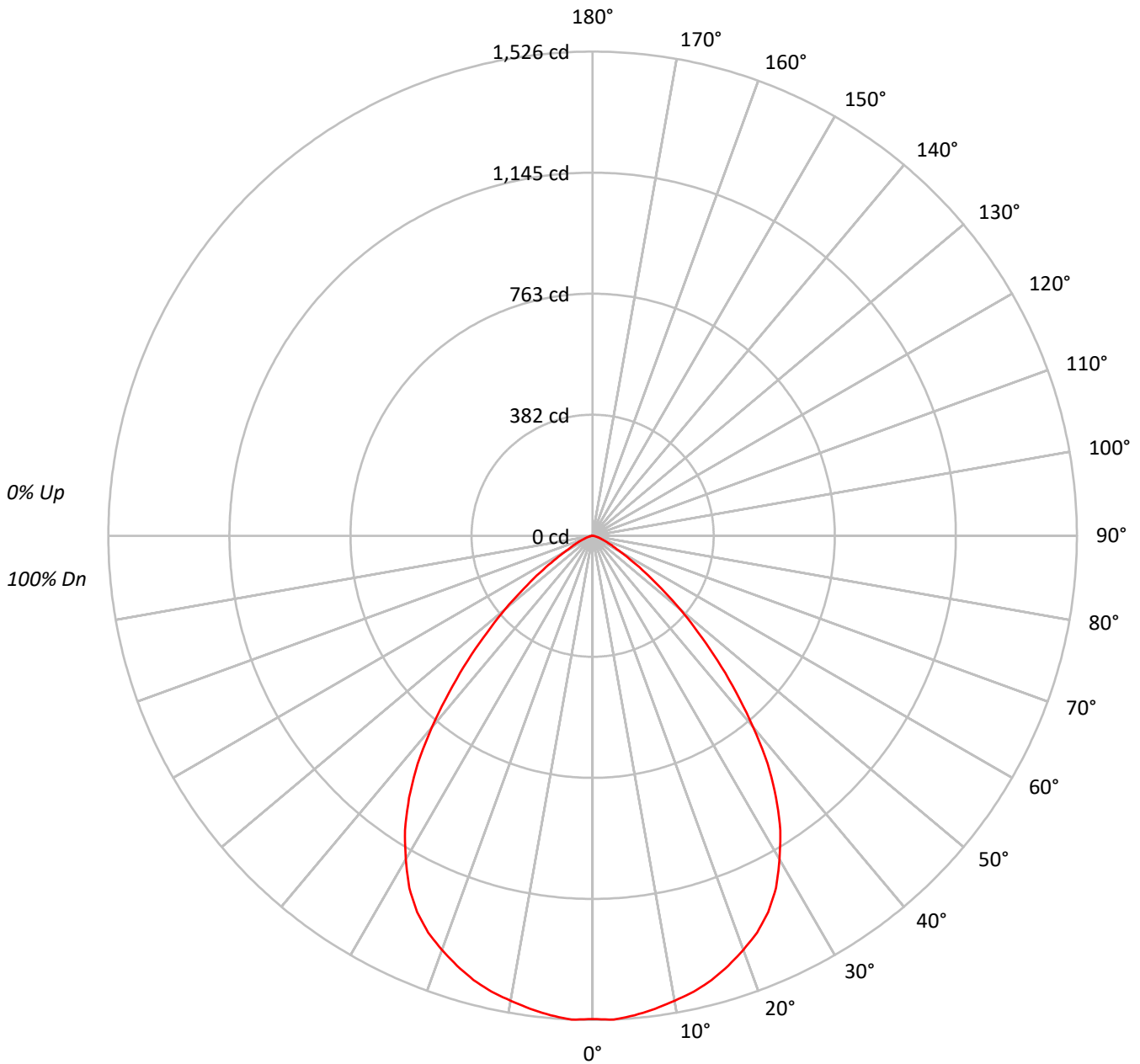
Lumens per Lamp: N/A  
Luminaire Lumens: 2469.6 lumens  
Efficiency: N/A  
Efficacy: 72.4 lumens/watt  
Spacing Criteria (0/90/45): 1.16 / 1.16 / 1.16  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct

Input Watts (W): 34.1  
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°	83497
5°	83474
10°	82831
15°	82271
20°	81020
25°	79166
30°	74543
35°	67458
40°	56334
45°	43160
50°	30566
55°	19278
60°	10876
65°	7057
70°	4616
75°	3389
80°	2052
85°	2013



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	143.9	5.8
10°-20°	408.2	16.5
20°-30°	598.5	24.2
30°-40°	622.9	25.2
40°-50°	431.0	17.5
50°-60°	187.6	7.6
60°-70°	57.6	2.3
70°-80°	17.2	0.7
80°-90°	2.6	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°	1150.6	46.6
0°-40°	1773.5	71.8
0°-60°	2392.2	96.9
0°-90°	2469.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2469.6	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1523	
5°	1517	144
15°	1450	408
25°	1309	599
35°	1008	623
45°	557	431
55°	202	188
65°	54	58
75°	16	17
85°	3	3
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1523.1
2.5°	1526.4
5°	1516.9
7.5°	1504.1
10°	1488.0
12.5°	1471.9
15°	1449.6
17.5°	1420.7
20°	1388.8
22.5°	1353.6
25°	1308.8
27.5°	1251.2
30°	1177.6
32.5°	1100.8
35°	1008.0
37.5°	905.7
40°	787.2
42.5°	668.8
45°	556.7
47.5°	451.2
50°	358.4
52.5°	272.0
55°	201.7
57.5°	144.0
60°	99.2
62.5°	73.6
65°	54.4
67.5°	41.7
70°	28.8
72.5°	22.4
75°	16.0
77.5°	9.5
80°	6.5
82.5°	3.2
85°	3.2
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)