

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: P844350

Luminaire Tested: **LD6C30DE010B2750 EU6C30B50 6LBWH**

Issue Date: 2/17/2023



Test Information

Test Method: LM-79-08
Report Number: P844350
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 EU6C30B50 6LBWH
Description:
Light Source: -
Ballast/Driver:

Summary

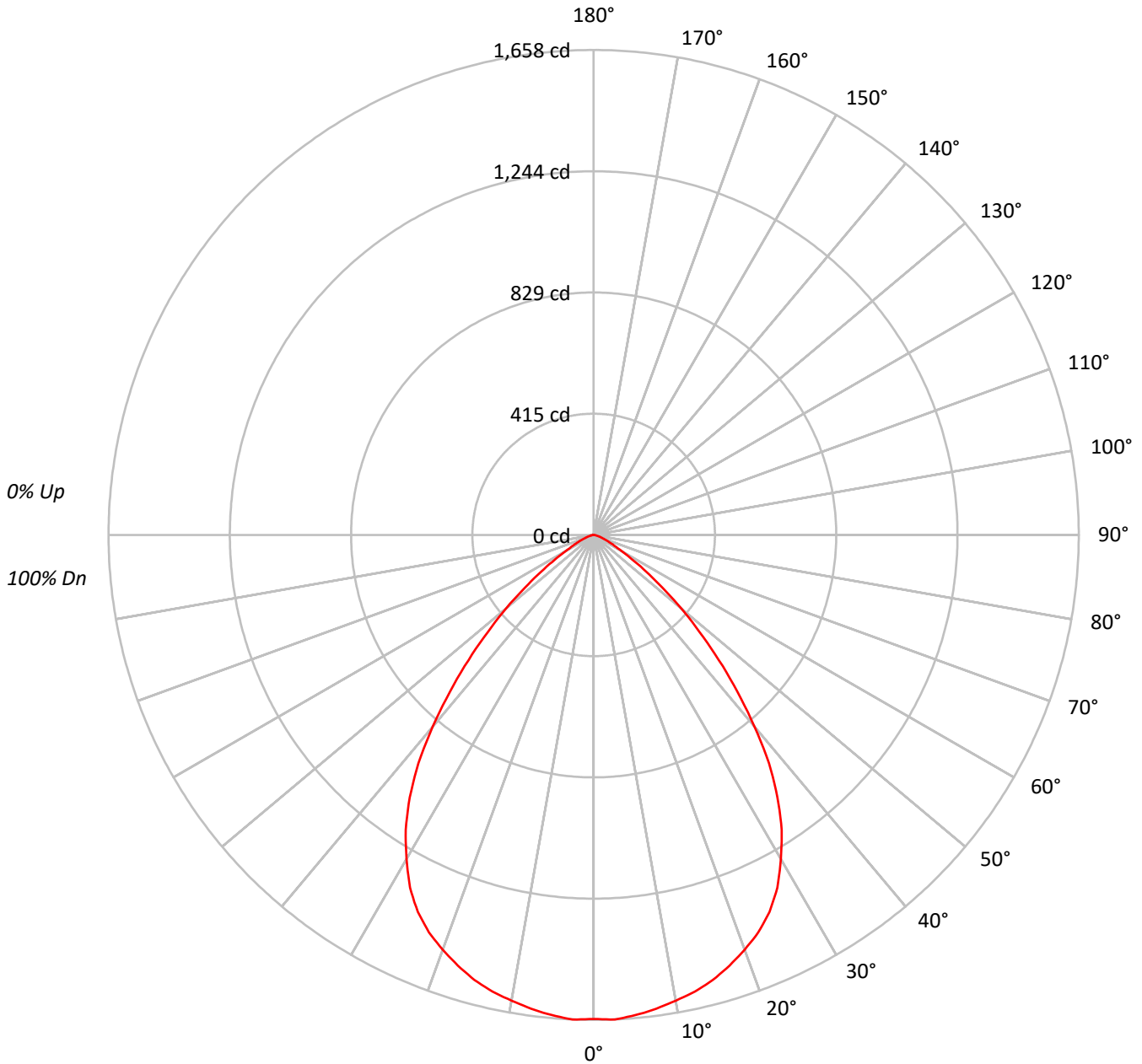
Lumens per Lamp: N/A
Luminaire Lumens: 2683.2 lumens
Efficiency: N/A
Efficacy: 78.7 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.16 / 1.16
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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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CATALOG NUMBER: LD6C30DE010B2750 EU6C30B50 6LBWH

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°	90722
5°	90689
10°	89995
15°	89388
20°	88027
25°	86019
30°	80987
35°	73301
40°	61208
45°	46904
50°	33210
55°	20941
60°	11819
65°	7666
70°	5001
75°	3664
80°	2210
85°	2201



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	156.3	5.8
10°-20°	443.5	16.5
20°-30°	650.3	24.2
30°-40°	676.8	25.2
40°-50°	468.3	17.5
50°-60°	203.9	7.6
60°-70°	62.5	2.3
70°-80°	18.7	0.7
80°-90°	2.9	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°	1250.1	46.6
0°-40°	1927.0	71.8
0°-60°	2599.1	96.9
0°-90°	2683.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2683.2	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1655	
5°	1648	156
15°	1575	444
25°	1422	650
35°	1095	677
45°	605	468
55°	219	204
65°	59	63
75°	17	19
85°	4	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1654.9
2.5°	1658.4
5°	1648.0
7.5°	1634.1
10°	1616.7
12.5°	1599.2
15°	1575.0
17.5°	1543.7
20°	1508.9
22.5°	1470.6
25°	1422.1
27.5°	1359.5
30°	1279.4
32.5°	1196.0
35°	1095.3
37.5°	984.0
40°	855.3
42.5°	726.7
45°	605.0
47.5°	490.2
50°	389.4
52.5°	295.6
55°	219.1
57.5°	156.5
60°	107.8
62.5°	80.0
65°	59.1
67.5°	45.3
70°	31.2
72.5°	24.3
75°	17.3
77.5°	10.4
80°	7.0
82.5°	3.5
85°	3.5
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)