

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: P844273

Luminaire Tested: **LD6C30DE010B2750 EU6C30B27 6LBMB**

Issue Date: 5/7/2024

Test Information

Test Method: LM-79-08
Report Number: P844273
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P203577)
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LD6C30DE010B2750 EU6C30B27 6LBMB
Description:
Light Source: -
Ballast/Driver:

Summary

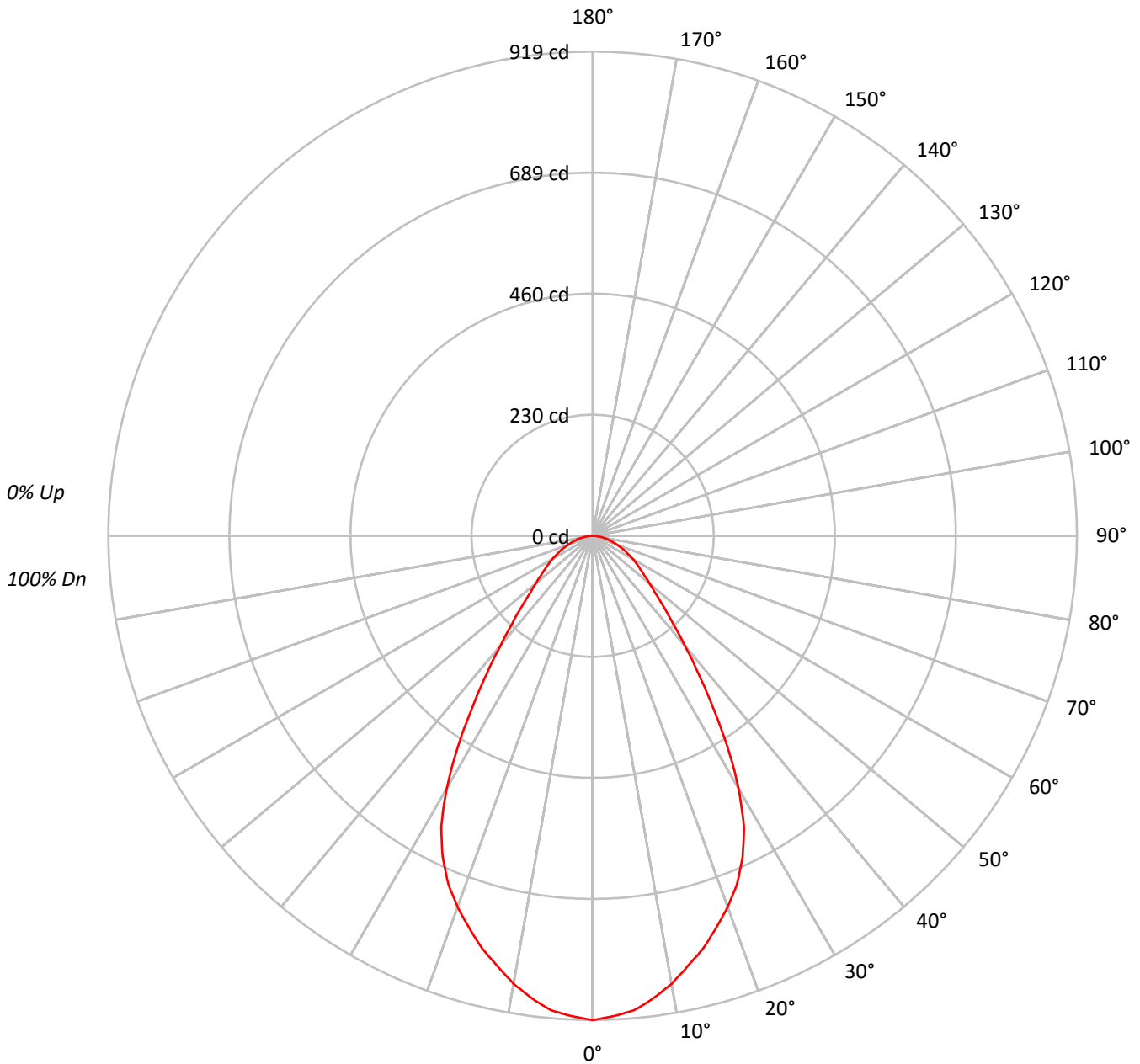
Lumens per Lamp: N/A
Luminaire Lumens: 1232.2 lumens
Efficiency: N/A
Efficacy: 36.1 lumens/watt
Spacing Criteria (0/90/45): 1 / 1 / 0.97
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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	111	108	104	101	109	105	103	100	101	99	97	98	96	94	94	92	91	89			
2	104	97	92	88	101	96	91	87	92	88	85	89	86	83	86	83	81	79			
3	97	88	82	77	95	87	81	76	84	79	75	82	77	74	79	76	73	71			
4	90	81	74	68	88	80	73	68	77	72	67	75	70	66	73	69	65	64			
5	85	74	67	61	83	73	66	61	71	65	61	69	64	60	68	63	59	58			
6	79	68	61	56	78	68	61	56	66	60	55	64	59	55	63	58	54	53			
7	75	63	56	51	73	63	56	51	61	55	50	60	54	50	59	54	50	48			
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	48	43	53	47	43	52	47	43	51	46	43	41			
10	63	51	45	40	62	51	44	40	50	44	40	49	44	40	48	43	40	38			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	50402
5°	49752
10°	48056
15°	46010
20°	43719
25°	40708
30°	35069
35°	26615
40°	19458
45°	14761
50°	12034
55°	10552
60°	9681
65°	8821
70°	7902
75°	7202
80°	6440
85°	5346



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	84.9	6.9
10°-20°	227.5	18.5
20°-30°	305.5	24.8
30°-40°	250.6	20.3
40°-50°	150.5	12.2
50°-60°	100.0	8.1
60°-70°	67.0	5.4
70°-80°	36.1	2.9
80°-90°	10.2	0.8
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°	617.9	50.1
0°-40°	868.4	70.5
0°-60°	1118.9	90.8
0°-90°	1232.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1232.2	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	919	
5°	904	85
15°	811	227
25°	673	305
35°	398	251
45°	190	150
55°	110	100
65°	68	67
75°	34	36
85°	8	10
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	919.4
2.5°	912.5
5°	904.1
7.5°	885.3
10°	863.3
12.5°	836.1
15°	810.7
17.5°	780.0
20°	749.4
22.5°	715.5
25°	673.0
27.5°	622.0
30°	554.0
32.5°	477.5
35°	397.7
37.5°	329.7
40°	271.9
42.5°	226.0
45°	190.4
47.5°	161.4
50°	141.1
52.5°	124.1
55°	110.4
57.5°	98.6
60°	88.3
62.5°	76.5
65°	68.0
67.5°	57.7
70°	49.3
72.5°	40.8
75°	34.0
77.5°	27.2
80°	20.4
82.5°	15.3
85°	8.5
87.5°	3.4
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)