

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: P844200

Luminaire Tested: **LD6C25DE010B2750 EU6C25B30 6LBCSMMS**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P844200
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P204757)
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LD6C25DE010B2750 EU6C25B30 6LBCSMMS
Description:
Light Source: -
Ballast/Driver:

Summary

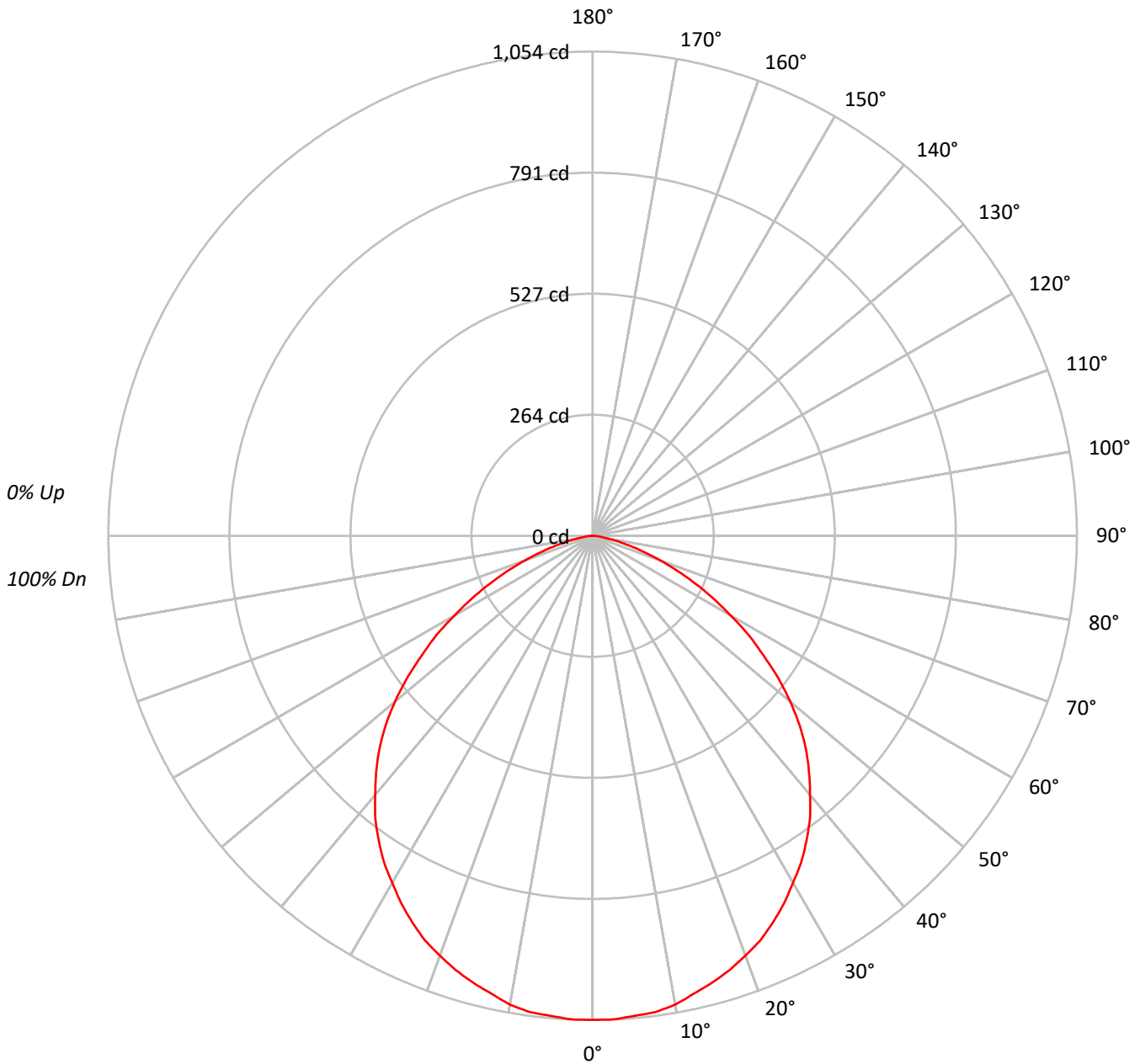
Lumens per Lamp: N/A
Luminaire Lumens: 2579.6 lumens
Efficiency: N/A
Efficacy: 86.6 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.23 / 1.33
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 29.8
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									
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	110	106	102	99	108	104	100	97	100	97	94	96	93	91	92	90	89	87																			
2	101	94	87	82	99	92	86	81	88	84	79	85	81	78	82	79	76	74																			
3	93	83	75	70	90	81	74	69	79	73	68	76	71	67	73	69	65	63																			
4	85	74	66	60	83	73	65	59	70	64	58	68	62	58	66	61	57	55																			
5	79	66	58	52	77	65	57	51	63	56	51	61	55	50	60	54	50	48																			
6	73	60	52	45	71	59	51	45	57	50	45	56	49	44	54	49	44	42																			
7	68	55	46	40	66	54	46	40	52	45	40	51	44	40	50	44	39	37																			
8	63	50	42	36	61	49	41	36	48	41	36	47	40	36	46	40	35	33																			
9	59	46	38	33	57	45	38	32	44	37	32	43	37	32	42	36	32	30																			
10	55	42	35	30	54	42	34	30	41	34	29	40	34	29	39	33	29	27																			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	57764
5°	57721
10°	57692
15°	57140
20°	56728
25°	56163
30°	55205
35°	54301
40°	52692
45°	50912
50°	47870
55°	43334
60°	38034
65°	32040
70°	25052
75°	17559
80°	9850
85°	6856



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	99.8	3.9
10°-20°	284.2	11.0
20°-30°	427.5	16.6
30°-40°	506.7	19.6
40°-50°	504.2	19.5
50°-60°	406.5	15.8
60°-70°	245.8	9.5
70°-80°	91.3	3.5
80°-90°	13.6	0.5
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°	811.5	31.5
0°-40°	1318.2	51.1
0°-60°	2228.9	86.4
0°-90°	2579.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2579.6	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1054	
5°	1049	100
15°	1007	284
25°	928	428
35°	811	507
45°	657	504
55°	453	406
65°	247	246
75°	83	91
85°	11	14
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1053.7
2.5°	1053.7
5°	1048.9
7.5°	1045.9
10°	1036.4
12.5°	1020.6
15°	1006.8
17.5°	991.1
20°	972.4
22.5°	953.5
25°	928.5
27.5°	902.0
30°	872.1
32.5°	844.2
35°	811.4
37.5°	777.0
40°	736.3
42.5°	697.1
45°	656.7
47.5°	611.2
50°	561.3
52.5°	509.6
55°	453.4
57.5°	403.3
60°	346.9
62.5°	297.0
65°	247.0
67.5°	200.0
70°	156.3
72.5°	117.3
75°	82.9
77.5°	53.1
80°	31.2
82.5°	18.7
85°	10.9
87.5°	4.7
90°	0.0



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— 0°-180°







(END OF REPORT)