

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: P844184

Luminaire Tested: **LD6C25DE010B2750 EU6C25B27 6LBCSMW**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P844184
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 EU6C25B27 6LBSCMW
Description:
Light Source: -
Ballast/Driver:

Summary

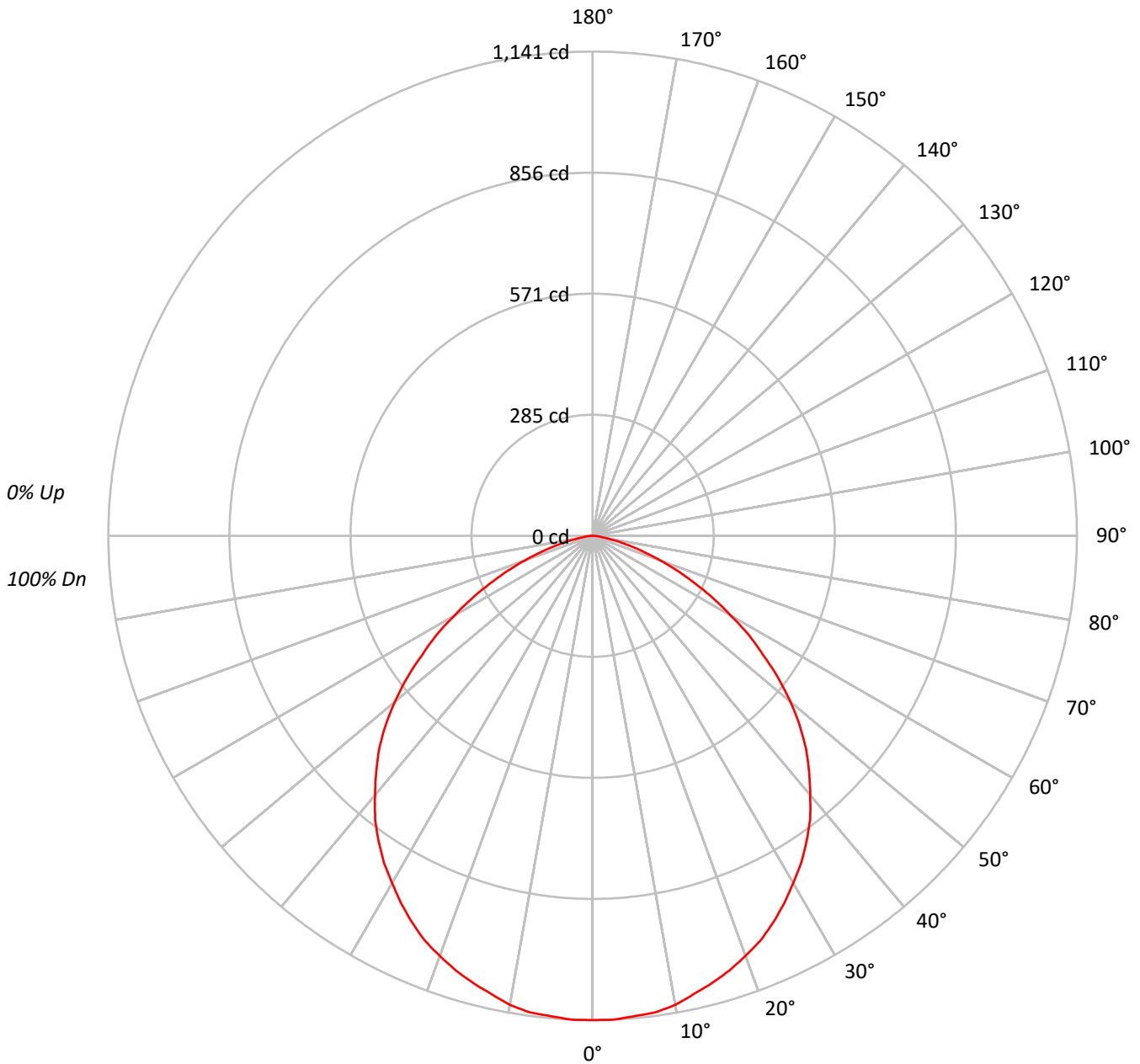
Lumens per Lamp: N/A
Luminaire Lumens: 2794.2 lumens
Efficiency: N/A
Efficacy: 93.8 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.23 / 1.33
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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				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			100
1	110	106	102	99	108	104	100	97	100	97	94	96	93	91	92	90	89	87			87
2	101	94	87	82	99	92	86	81	88	84	79	85	81	78	82	79	76	74			74
3	93	83	75	70	90	81	74	69	79	73	68	76	71	67	73	69	65	63			63
4	85	74	66	60	83	73	65	59	70	64	58	68	62	58	66	61	57	55			55
5	79	66	58	52	77	65	57	51	63	56	51	61	55	50	60	54	50	48			48
6	73	60	52	45	71	59	51	45	57	50	45	56	49	44	54	49	44	42			42
7	68	55	46	40	66	54	46	40	52	45	40	51	44	40	50	44	39	37			37
8	63	50	42	36	61	49	41	36	48	41	36	47	40	36	46	40	35	33			33
9	59	46	38	33	57	45	38	32	44	37	32	43	37	32	42	36	32	30			30
10	55	42	35	30	54	42	34	30	41	34	29	40	34	29	39	33	29	27			27

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	62572
5°	62519
10°	62496
15°	61896
20°	61448
25°	60838
30°	59807
35°	58819
40°	57086
45°	55145
50°	51845
55°	46947
60°	41203
65°	34699
70°	27152
75°	19020
80°	10639
85°	7359



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	108.1	3.9
10°-20°	307.9	11.0
20°-30°	463.1	16.6
30°-40°	548.9	19.6
40°-50°	546.1	19.5
50°-60°	440.3	15.8
60°-70°	266.3	9.5
70°-80°	98.9	3.5
80°-90°	14.6	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°	879.1	31.5
0°-40°	1427.9	51.1
0°-60°	2414.4	86.4
0°-90°	2794.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2794.2	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1141	
5°	1136	108
15°	1091	308
25°	1006	463
35°	879	549
45°	711	546
55°	491	440
65°	268	266
75°	90	99
85°	12	15
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1141.4
2.5°	1141.4
5°	1136.1
7.5°	1132.9
10°	1122.7
12.5°	1105.7
15°	1090.6
17.5°	1073.6
20°	1053.3
22.5°	1032.8
25°	1005.8
27.5°	977.0
30°	944.8
32.5°	914.4
35°	878.9
37.5°	841.7
40°	797.7
42.5°	755.0
45°	711.3
47.5°	662.0
50°	607.9
52.5°	552.0
55°	491.2
57.5°	436.8
60°	375.8
62.5°	321.7
65°	267.5
67.5°	216.7
70°	169.4
72.5°	127.1
75°	89.8
77.5°	57.5
80°	33.7
82.5°	20.3
85°	11.7
87.5°	5.0
90°	0.0



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— 0°-180°







(END OF REPORT)