

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: P844207

Luminaire Tested: **LD6C25DE010B2750 EU6C25B30 6LBMH**

Issue Date: 2/17/2023



Test Information

Test Method: LM-79-08
Report Number: P844207
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P203254)
Test Lab: INNOVATION CENTER
Issue Date: 2/17/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LD6C25DE010B2750 EU6C25B30 6LBMH
Description:
Light Source: -
Ballast/Driver:

Summary

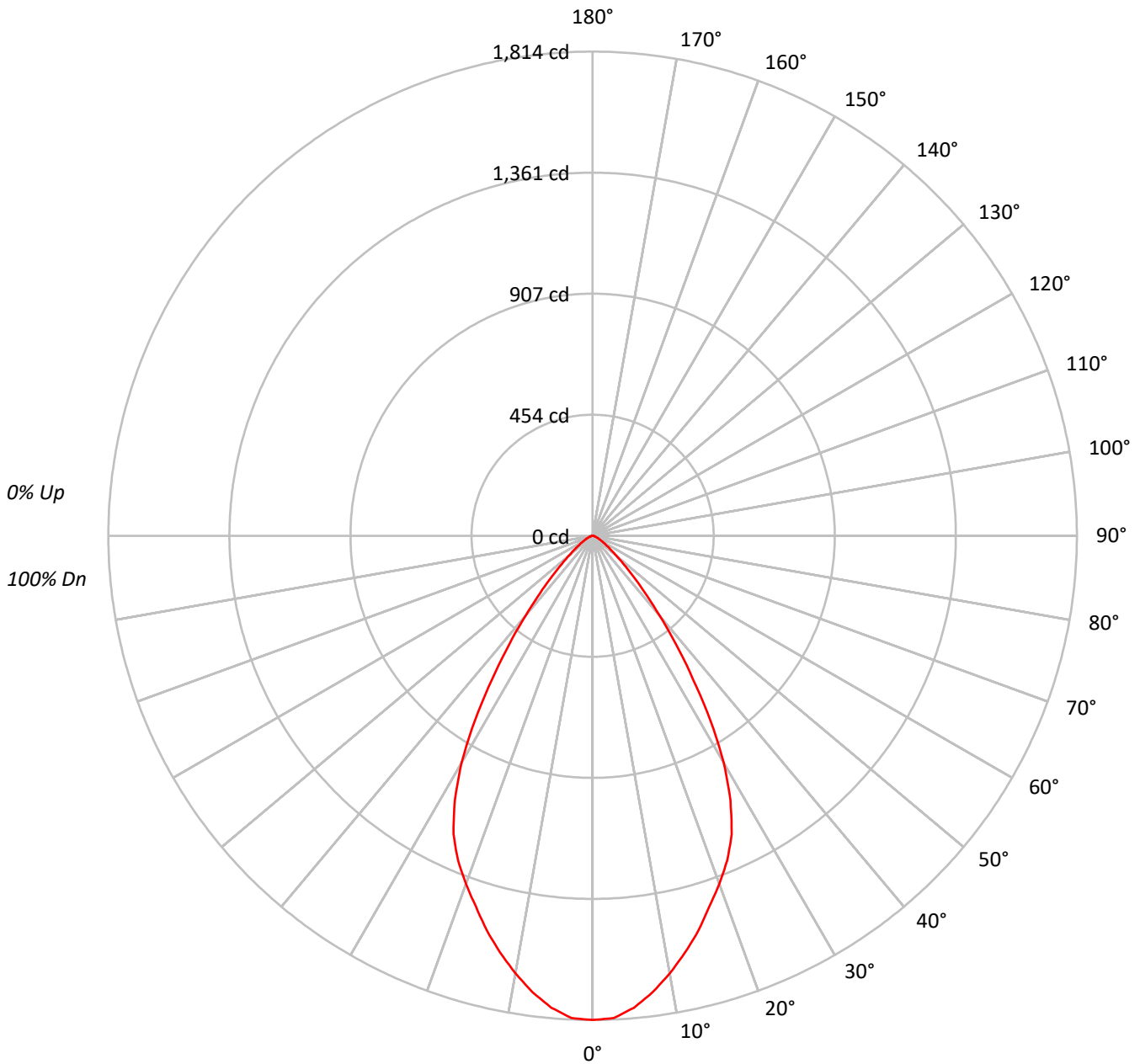
Lumens per Lamp: N/A
Luminaire Lumens: 1832.9 lumens
Efficiency: N/A
Efficacy: 61.5 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.93
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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	100	100
1	113	110	107	105	111	108	105	103	104	102	100	100	99	97	97	95	94	92	92	92	92
2	107	102	97	93	105	100	96	92	97	93	90	94	91	88	91	89	87	85	85	85	85
3	101	94	88	84	99	92	88	84	90	86	82	87	84	81	85	82	80	78	78	78	78
4	95	87	81	76	93	86	80	76	84	79	75	82	78	74	80	76	73	72	72	72	72
5	90	81	75	70	88	80	74	70	78	73	69	76	72	68	75	71	68	66	66	66	66
6	85	75	69	64	83	75	69	64	73	68	64	72	67	63	70	66	63	61	61	61	61
7	80	70	64	59	79	70	64	59	68	63	59	67	62	59	66	62	58	57	57	57	57
8	76	66	60	55	75	65	59	55	64	59	55	63	58	55	62	58	54	53	53	53	53
9	72	62	56	51	71	61	55	51	60	55	51	60	55	51	59	54	51	49	49	49	49
10	69	58	52	48	68	58	52	48	57	52	48	56	51	48	55	51	48	46	46	46	46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	99438
5°	97661
10°	92667
15°	86896
20°	80933
25°	74569
30°	62136
35°	43794
40°	27902
45°	16645
50°	9825
55°	6251
60°	4298
65°	3061
70°	2100
75°	1652
80°	789
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	165.9	9.0
10°-20°	429.0	23.4
20°-30°	555.9	30.3
30°-40°	412.7	22.5
40°-50°	174.2	9.5
50°-60°	61.9	3.4
60°-70°	23.9	1.3
70°-80°	8.3	0.5
80°-90°	1.0	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°	1150.8	62.8
0°-40°	1563.6	85.3
0°-60°	1799.7	98.2
0°-90°	1832.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1832.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1814	
5°	1775	166
15°	1531	429
25°	1233	556
35°	654	413
45°	215	174
55°	65	62
65°	24	24
75°	8	8
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1813.9
2.5°	1808.7
5°	1774.7
7.5°	1724.9
10°	1664.7
12.5°	1599.2
15°	1531.1
17.5°	1455.3
20°	1387.3
22.5°	1316.5
25°	1232.8
27.5°	1117.6
30°	981.6
32.5°	821.8
35°	654.4
37.5°	513.1
40°	389.9
42.5°	290.5
45°	214.7
47.5°	157.1
50°	115.2
52.5°	86.4
55°	65.4
57.5°	49.7
60°	39.2
62.5°	28.9
65°	23.6
67.5°	18.3
70°	13.1
72.5°	10.5
75°	7.8
77.5°	5.3
80°	2.5
82.5°	2.5
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)