

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: P844335

Luminaire Tested: **LD6C30DE010B50 EU6C30B50 6LBCSMB**

Issue Date: 5/7/2024

Test Information

Test Method: LM-79-08
Report Number: P844335
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: LD6C30DE010B50 EU6C30B50 6LBCSMB
Description:
Light Source: -
Ballast/Driver:

Summary

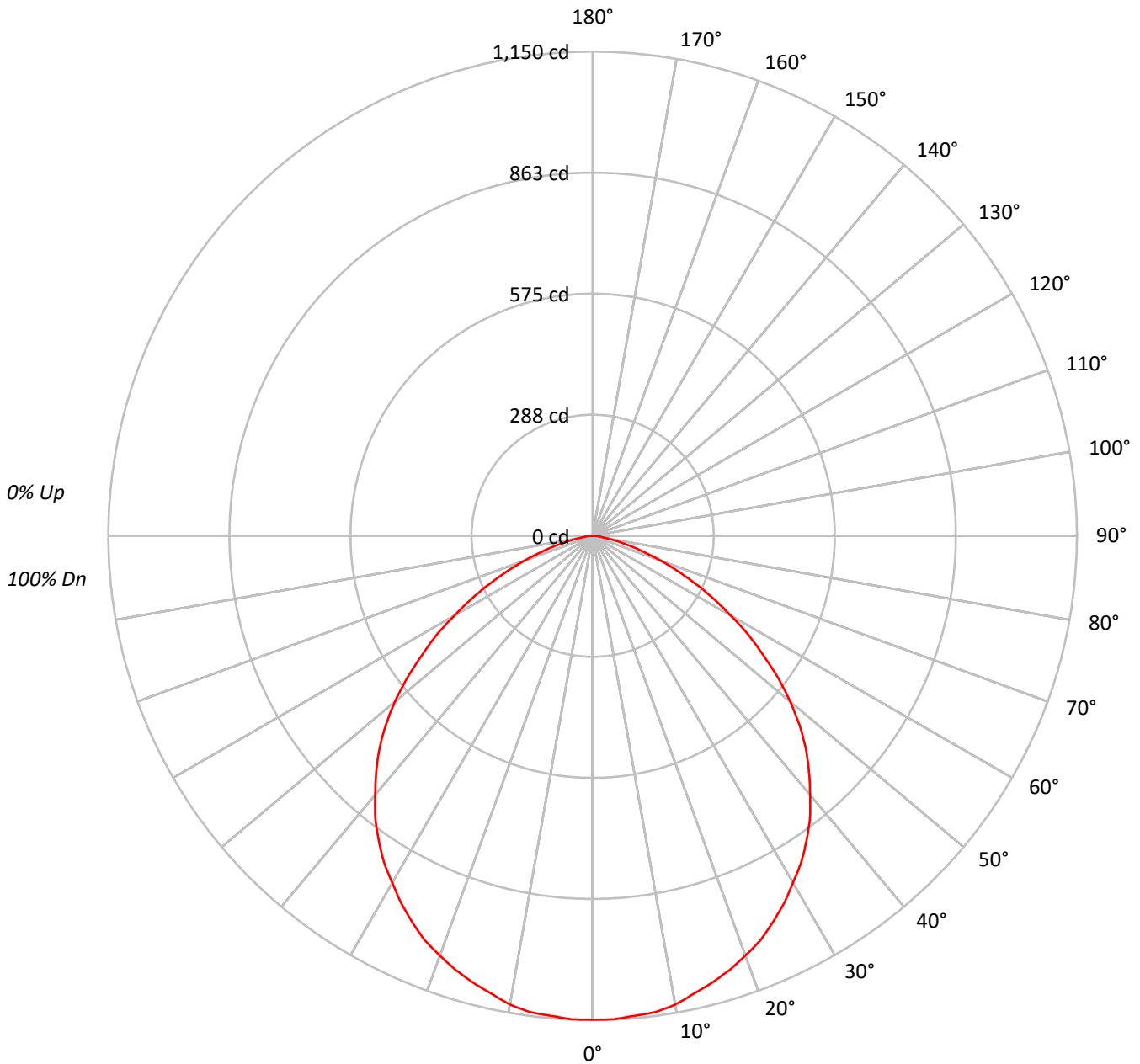
Lumens per Lamp: N/A
Luminaire Lumens: 2814.4 lumens
Efficiency: N/A
Efficacy: 82.5 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.23 / 1.33
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 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			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°	63021
5°	62976
10°	62941
15°	62344
20°	61891
25°	61274
30°	60237
35°	59240
40°	57493
45°	55541
50°	52229
55°	47281
60°	41499
65°	34945
70°	27344
75°	19148
80°	10765
85°	7422



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	108.9	3.9
10°-20°	310.1	11.0
20°-30°	466.4	16.6
30°-40°	552.8	19.6
40°-50°	550.1	19.5
50°-60°	443.5	15.8
60°-70°	268.2	9.5
70°-80°	99.6	3.5
80°-90°	14.8	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°	885.4	31.5
0°-40°	1438.2	51.1
0°-60°	2431.7	86.4
0°-90°	2814.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2814.4	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1150	
5°	1144	109
15°	1098	310
25°	1013	466
35°	885	553
45°	716	550
55°	495	443
65°	269	268
75°	90	100
85°	12	15
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1149.6
2.5°	1149.6
5°	1144.4
7.5°	1141.1
10°	1130.7
12.5°	1113.6
15°	1098.5
17.5°	1081.3
20°	1060.9
22.5°	1040.3
25°	1013.0
27.5°	984.0
30°	951.6
32.5°	921.1
35°	885.2
37.5°	847.7
40°	803.4
42.5°	760.5
45°	716.4
47.5°	666.7
50°	612.4
52.5°	555.9
55°	494.7
57.5°	440.0
60°	378.5
62.5°	324.1
65°	269.4
67.5°	218.2
70°	170.6
72.5°	128.0
75°	90.4
77.5°	58.0
80°	34.1
82.5°	20.4
85°	11.8
87.5°	5.1
90°	0.0



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— 0°-180°







(END OF REPORT)