

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: P844307

Luminaire Tested: **LD6C30DE010B35 EU6C30B35 6LBMB**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P844307
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: LD6C30DE010B35 EU6C30B35 6LBMB
Description:
Light Source: -
Ballast/Driver:

Summary

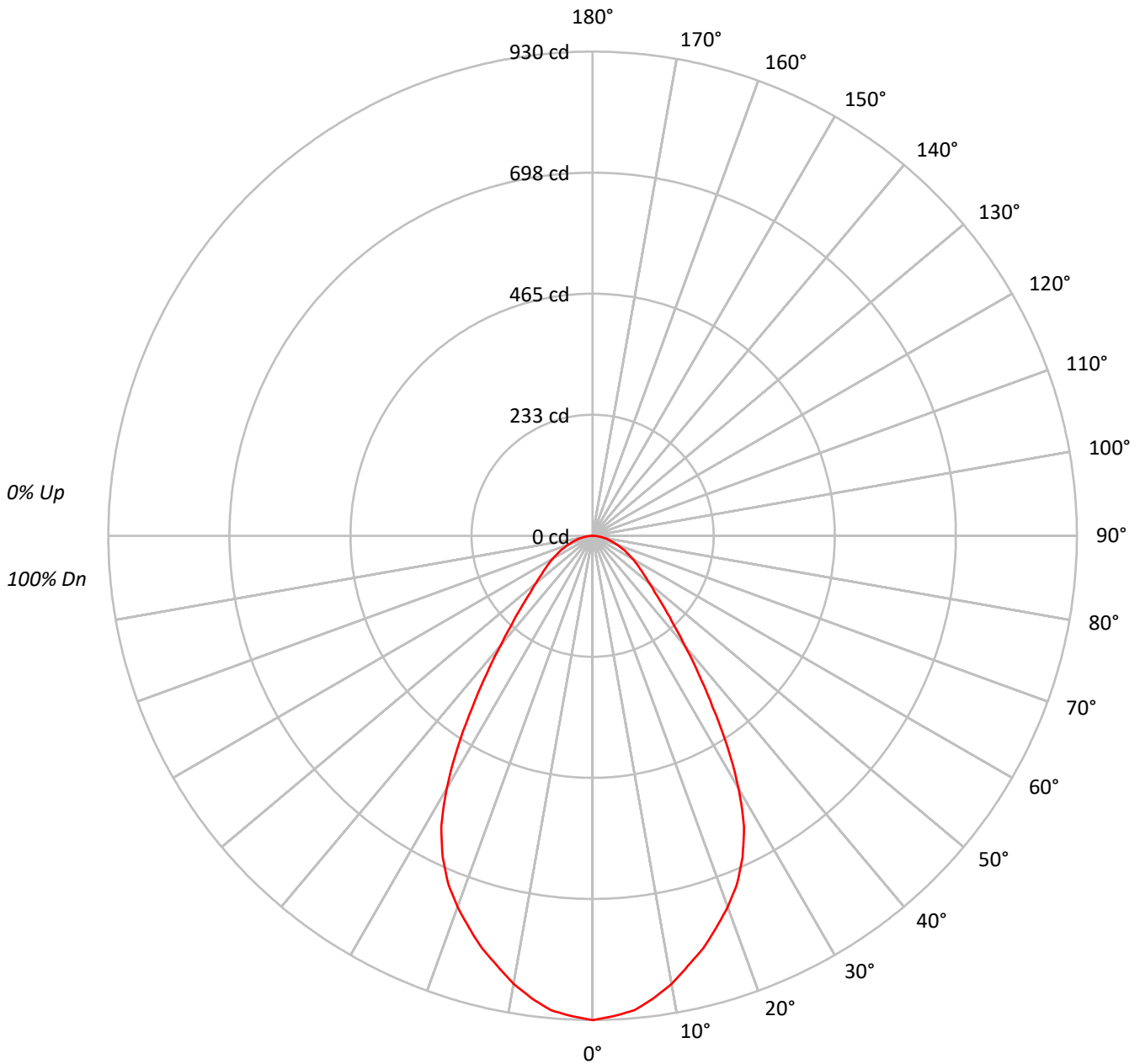
Lumens per Lamp: N/A
Luminaire Lumens: 1247.0 lumens
Efficiency: N/A
Efficacy: 36.6 lumens/watt
Spacing Criteria (0/90/45): 1 / 1 / 0.97
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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			100
1	111	108	104	101	109	105	103	100	101	99	97	98	96	94	94	92	91	89			89
2	104	97	92	88	101	96	91	87	92	88	85	89	86	83	86	83	81	79			79
3	97	88	82	77	95	87	81	76	84	79	75	82	77	74	79	76	73	71			71
4	90	81	74	68	88	80	73	68	77	72	67	75	70	66	73	69	65	64			64
5	85	74	67	61	83	73	66	61	71	65	61	69	64	60	68	63	59	58			58
6	79	68	61	56	78	68	61	56	66	60	55	64	59	55	63	58	54	53			53
7	75	63	56	51	73	63	56	51	61	55	50	60	54	50	59	54	50	48			48
8	70	59	52	47	69	58	51	47	57	51	46	56	50	46	55	50	46	44			44
9	66	55	48	43	65	54	48	43	53	47	43	52	47	43	51	46	43	41			41
10	63	51	45	40	62	51	44	40	50	44	40	49	44	40	48	43	40	38			38

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	51005
5°	50352
10°	48635
15°	46561
20°	44244
25°	41192
30°	35493
35°	26930
40°	19694
45°	14932
50°	12179
55°	10685
60°	9813
65°	8937
70°	7982
75°	7286
80°	6503
85°	5409



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	85.9	6.9
10°-20°	230.2	18.5
20°-30°	309.1	24.8
30°-40°	253.6	20.3
40°-50°	152.3	12.2
50°-60°	101.2	8.1
60°-70°	67.9	5.4
70°-80°	36.5	2.9
80°-90°	10.3	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°	625.3	50.1
0°-40°	878.9	70.5
0°-60°	1132.3	90.8
0°-90°	1247.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1247.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	930	
5°	915	86
15°	820	230
25°	681	309
35°	402	254
45°	193	152
55°	112	101
65°	69	68
75°	34	36
85°	9	10
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	930.4
2.5°	923.5
5°	915.0
7.5°	896.0
10°	873.7
12.5°	846.1
15°	820.4
17.5°	789.4
20°	758.4
22.5°	724.1
25°	681.0
27.5°	629.5
30°	560.7
32.5°	483.2
35°	402.4
37.5°	333.7
40°	275.2
42.5°	228.8
45°	192.6
47.5°	163.4
50°	142.8
52.5°	125.5
55°	111.8
57.5°	99.7
60°	89.5
62.5°	77.4
65°	68.9
67.5°	58.5
70°	49.8
72.5°	41.2
75°	34.4
77.5°	27.5
80°	20.6
82.5°	15.4
85°	8.6
87.5°	3.5
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)