

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: P844291

Luminaire Tested: **LD6C30DE010B2750 EU6C30B30 6LBMGPH**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P844291
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: LD6C30DE010B2750 EU6C30B30 6LBMGPH
Description:
Light Source: -
Ballast/Driver:

Summary

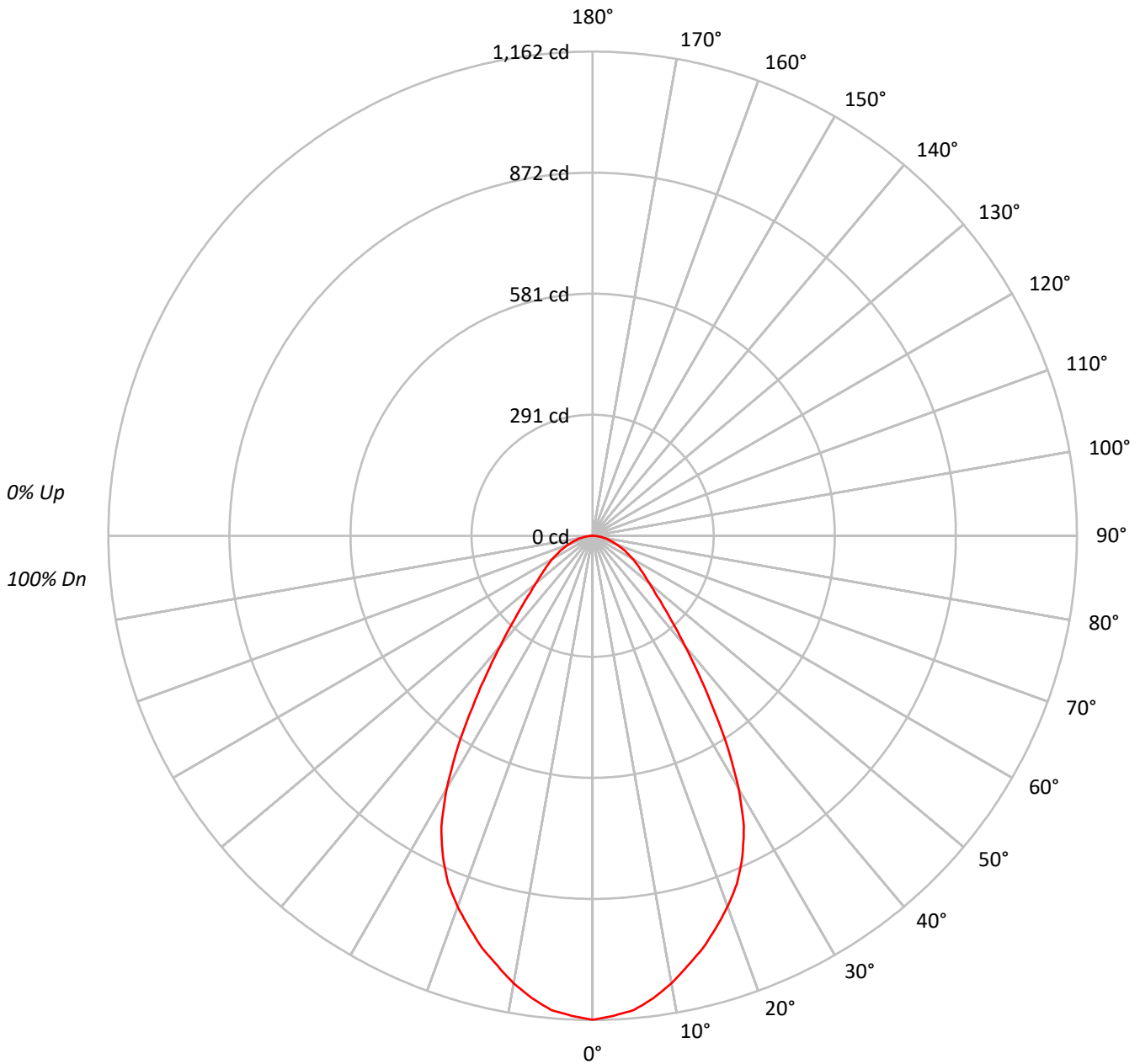
Lumens per Lamp: N/A
Luminaire Lumens: 1556.9 lumens
Efficiency: N/A
Efficacy: 45.7 lumens/watt
Spacing Criteria (0/90/45): 1 / 1 / 0.97
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	63679
5°	62866
10°	60720
15°	58127
20°	55241
25°	51432
30°	44304
35°	33629
40°	24582
45°	18645
50°	15198
55°	13342
60°	12247
65°	11143
70°	9986
75°	9087
80°	8145
85°	6730



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	107.3	6.9
10°-20°	287.4	18.5
20°-30°	386.0	24.8
30°-40°	316.6	20.3
40°-50°	190.1	12.2
50°-60°	126.4	8.1
60°-70°	84.7	5.4
70°-80°	45.6	2.9
80°-90°	12.9	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°	780.7	50.1
0°-40°	1097.3	70.5
0°-60°	1413.8	90.8
0°-90°	1556.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1556.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1162	
5°	1142	107
15°	1024	287
25°	850	386
35°	502	317
45°	240	190
55°	140	126
65°	86	85
75°	43	46
85°	11	13
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1161.6
2.5°	1153.0
5°	1142.4
7.5°	1118.8
10°	1090.8
12.5°	1056.5
15°	1024.2
17.5°	985.6
20°	946.9
22.5°	904.1
25°	850.3
27.5°	785.9
30°	699.9
32.5°	603.4
35°	502.5
37.5°	416.6
40°	343.5
42.5°	285.6
45°	240.5
47.5°	204.0
50°	178.2
52.5°	156.7
55°	139.6
57.5°	124.6
60°	111.7
62.5°	96.7
65°	85.9
67.5°	73.0
70°	62.3
72.5°	51.5
75°	42.9
77.5°	34.4
80°	25.8
82.5°	19.4
85°	10.7
87.5°	4.3
90°	0.0



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— 0°-180°







(END OF REPORT)