

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: P844275

Luminaire Tested: **LD6C30DE010B2750 EU6C30B27 6LBMH**

Issue Date: 2/17/2023

Test Information

Test Method: LM-79-08
Report Number: P844275
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: LD6C30DE010B2750 EU6C30B27 6LBMH
Description:
Light Source: -
Ballast/Driver:

Summary

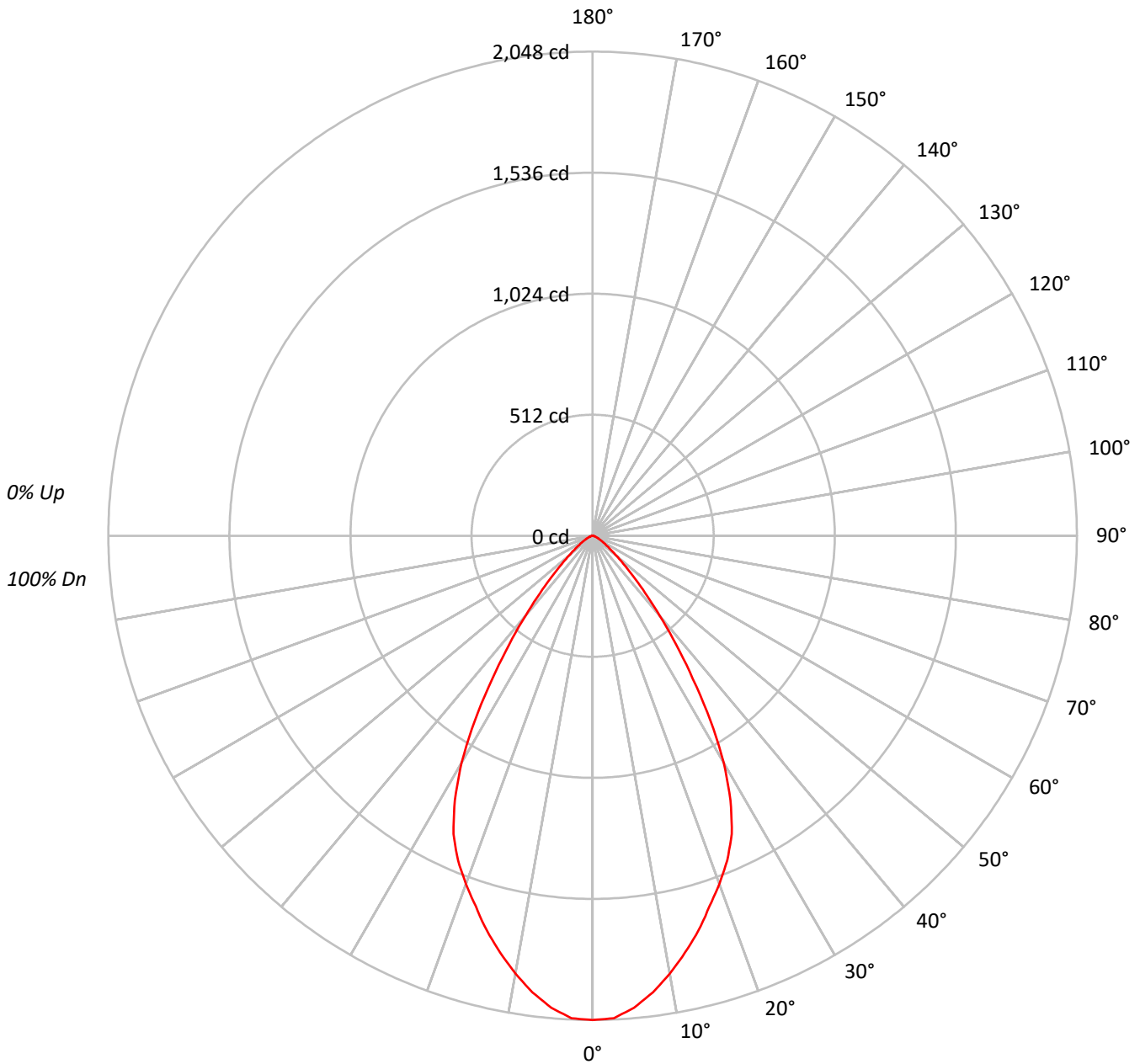
Lumens per Lamp: N/A
Luminaire Lumens: 2069.8 lumens
Efficiency: N/A
Efficacy: 60.7 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.93
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	112294
5°	110279
10°	104646
15°	98128
20°	91393
25°	84211
30°	70163
35°	49456
40°	31516
45°	18793
50°	11096
55°	7054
60°	4857
65°	3437
70°	2372
75°	1885
80°	947
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	187.3	9.0
10°-20°	484.5	23.4
20°-30°	627.8	30.3
30°-40°	466.1	22.5
40°-50°	196.8	9.5
50°-60°	69.9	3.4
60°-70°	26.9	1.3
70°-80°	9.3	0.5
80°-90°	1.2	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°	1299.6	62.8
0°-40°	1765.7	85.3
0°-60°	2032.3	98.2
0°-90°	2069.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2069.8	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2048	
5°	2004	187
15°	1729	485
25°	1392	628
35°	739	466
45°	242	197
55°	74	70
65°	26	27
75°	9	9
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	2048.4
2.5°	2042.4
5°	2004.0
7.5°	1947.8
10°	1879.9
12.5°	1805.9
15°	1729.0
17.5°	1643.5
20°	1566.6
22.5°	1486.7
25°	1392.2
27.5°	1262.1
30°	1108.4
32.5°	928.1
35°	739.0
37.5°	579.4
40°	440.4
42.5°	328.1
45°	242.4
47.5°	177.4
50°	130.1
52.5°	97.5
55°	73.8
57.5°	56.2
60°	44.3
62.5°	32.6
65°	26.5
67.5°	20.6
70°	14.8
72.5°	11.7
75°	8.9
77.5°	5.9
80°	3.0
82.5°	3.0
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)