

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: P844292

Luminaire Tested: **LD6C30DE010B2750 EU6C30B30 6LBMH**

Issue Date: 2/17/2023



Test Information

Test Method: LM-79-08
Report Number: P844292
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 EU6C30B30 6LBMH
Description:
Light Source: -
Ballast/Driver:

Summary

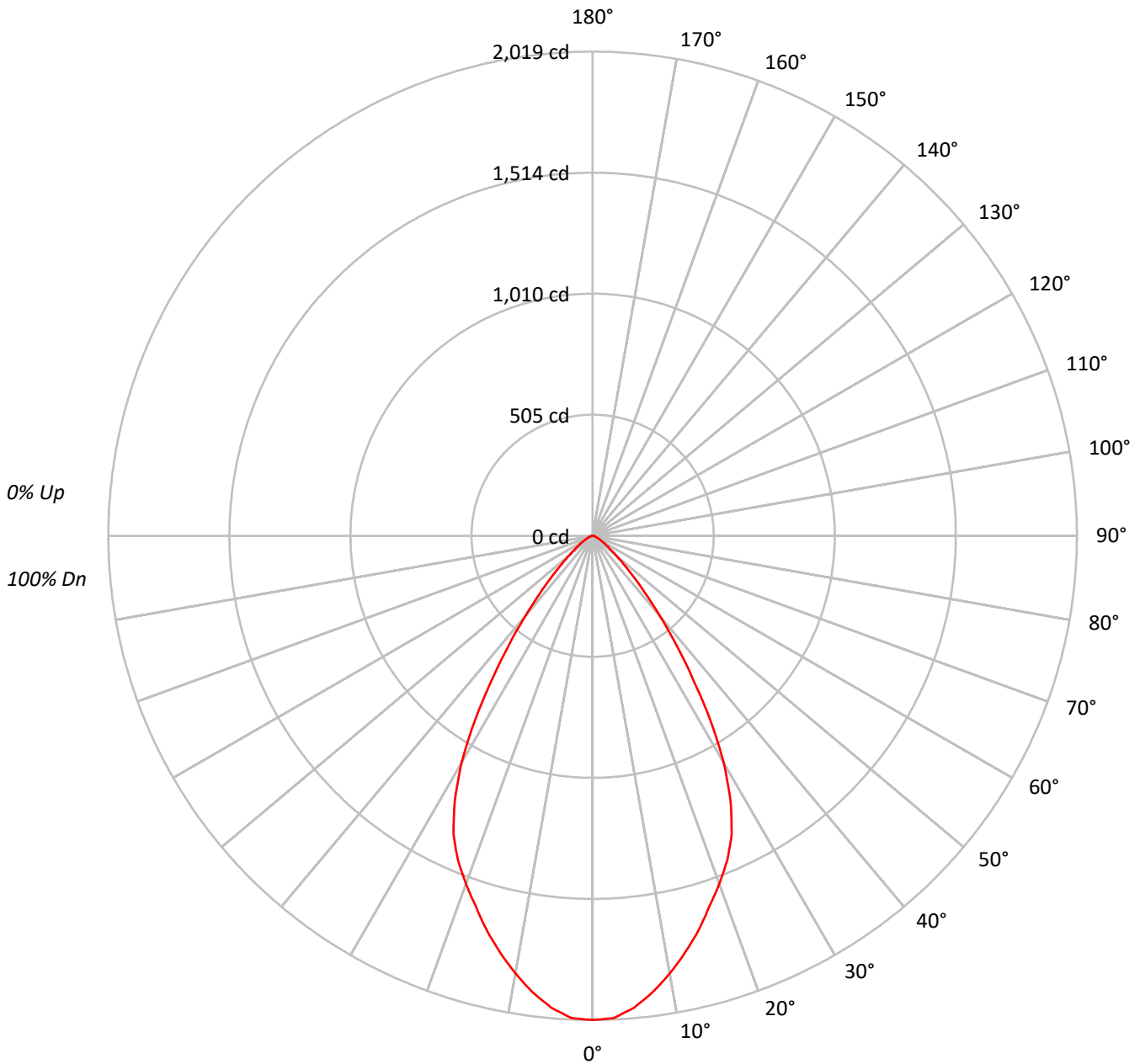
Lumens per Lamp: N/A
Luminaire Lumens: 2040.1 lumens
Efficiency: N/A
Efficacy: 59.8 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.93
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	110682
5°	108700
10°	103149
15°	96732
20°	90080
25°	83007
30°	69156
35°	48747
40°	31065
45°	18521
50°	10934
55°	6958
60°	4791
65°	3399
70°	2340
75°	1864
80°	916
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	184.6	9.0
10°-20°	477.6	23.4
20°-30°	618.8	30.3
30°-40°	459.4	22.5
40°-50°	193.9	9.5
50°-60°	68.8	3.4
60°-70°	26.5	1.3
70°-80°	9.2	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°	1281.0	62.8
0°-40°	1740.4	85.3
0°-60°	2003.2	98.2
0°-90°	2040.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2040.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2019	
5°	1975	185
15°	1704	478
25°	1372	619
35°	728	459
45°	239	194
55°	73	69
65°	26	27
75°	9	9
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	2019.0
2.5°	2013.2
5°	1975.3
7.5°	1919.9
10°	1853.0
12.5°	1780.1
15°	1704.4
17.5°	1619.9
20°	1544.1
22.5°	1465.5
25°	1372.3
27.5°	1244.0
30°	1092.5
32.5°	914.7
35°	728.4
37.5°	571.0
40°	434.1
42.5°	323.3
45°	238.9
47.5°	174.8
50°	128.2
52.5°	96.1
55°	72.8
57.5°	55.3
60°	43.7
62.5°	32.0
65°	26.2
67.5°	20.3
70°	14.6
72.5°	11.6
75°	8.8
77.5°	5.8
80°	2.9
82.5°	2.9
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)