

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: P844319

Luminaire Tested: **LD6C30DE010B2750 EU6C30B40 6LBCSMMS**

Issue Date: 5/7/2024

Test Information

Test Method: LM-79-08
Report Number: P844319
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: LD6C30DE010B2750 EU6C30B40 6LBSCMMS
Description:
Light Source: -
Ballast/Driver:

Summary

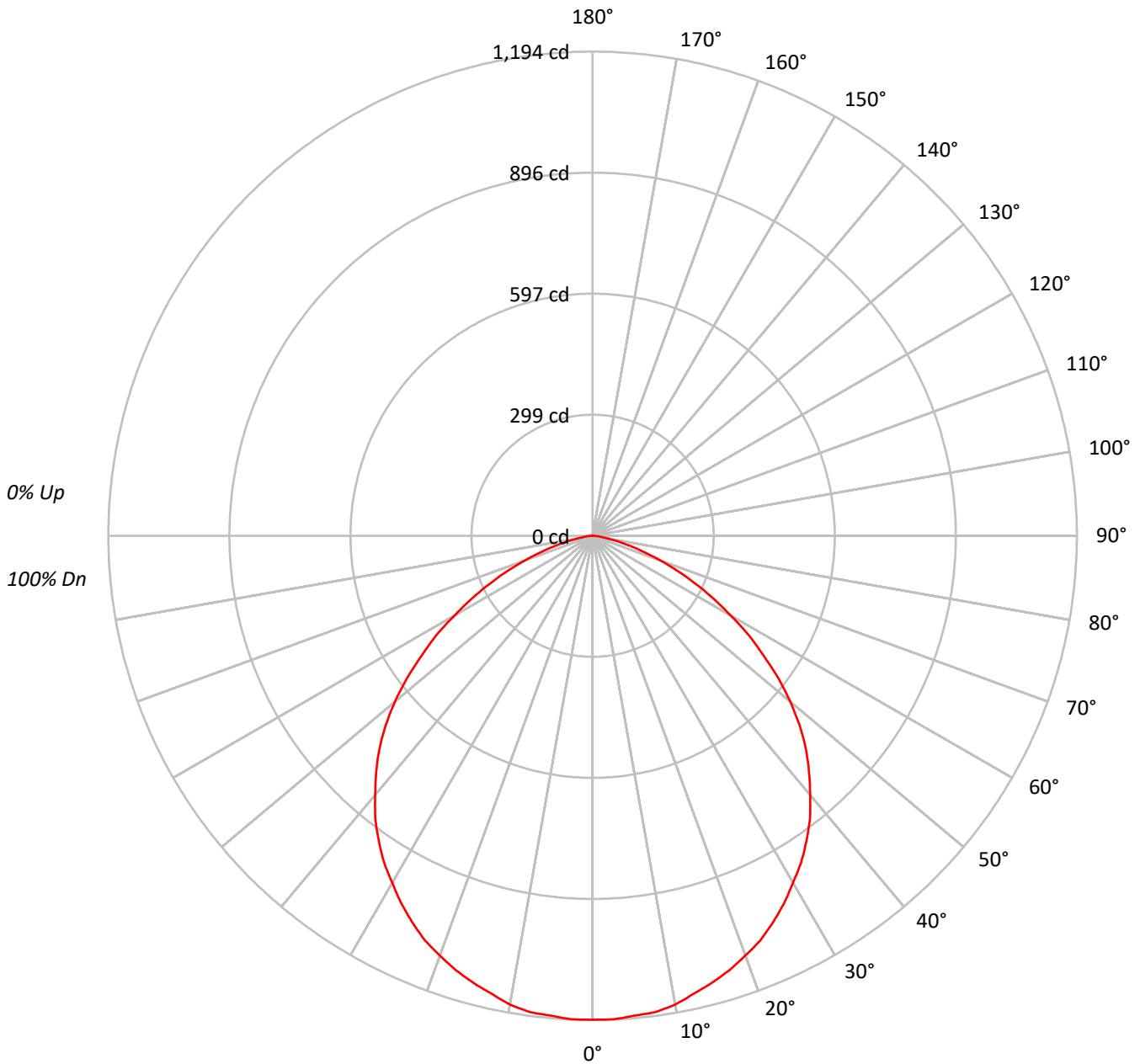
Lumens per Lamp: N/A
Luminaire Lumens: 2922.2 lumens
Efficiency: N/A
Efficacy: 85.7 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.23 / 1.33
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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									
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	110	106	102	99	108	104	100	97	100	97	94	96	93	91	92	90	89	87																			
2	101	94	87	82	99	92	86	81	88	84	79	85	81	78	82	79	76	74																			
3	93	83	75	70	90	81	74	69	79	73	68	76	71	67	73	69	65	63																			
4	85	74	66	60	83	73	65	59	70	64	58	68	62	58	66	61	57	55																			
5	79	66	58	52	77	65	57	51	63	56	51	61	55	50	60	54	50	48																			
6	73	60	52	45	71	59	51	45	57	50	45	56	49	44	54	49	44	42																			
7	68	55	46	40	66	54	46	40	52	45	40	51	44	40	50	44	39	37																			
8	63	50	42	36	61	49	41	36	48	41	36	47	40	36	46	40	35	33																			
9	59	46	38	33	57	45	38	32	44	37	32	43	37	32	42	36	32	30																			
10	55	42	35	30	54	42	34	30	41	34	29	40	34	29	39	33	29	27																			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	65433
5°	65381
10°	65357
15°	64734
20°	64260
25°	63621
30°	62541
35°	61516
40°	59698
45°	57673
50°	54224
55°	49088
60°	43089
65°	36281
70°	28402
75°	19889
80°	11144
85°	7737



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	113.1	3.9
10°-20°	322.0	11.0
20°-30°	484.3	16.6
30°-40°	574.0	19.6
40°-50°	571.2	19.5
50°-60°	460.5	15.8
60°-70°	278.5	9.5
70°-80°	103.4	3.5
80°-90°	15.3	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°	919.3	31.5
0°-40°	1493.3	51.1
0°-60°	2524.9	86.4
0°-90°	2922.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2922.2	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1194	
5°	1188	113
15°	1141	322
25°	1052	484
35°	919	574
45°	744	571
55°	514	460
65°	280	278
75°	94	103
85°	12	15
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1193.6
2.5°	1193.6
5°	1188.1
7.5°	1184.8
10°	1174.1
12.5°	1156.2
15°	1140.6
17.5°	1122.8
20°	1101.5
22.5°	1080.2
25°	1051.8
27.5°	1021.8
30°	988.0
32.5°	956.3
35°	919.2
37.5°	880.2
40°	834.2
42.5°	789.6
45°	743.9
47.5°	692.3
50°	635.8
52.5°	577.3
55°	513.6
57.5°	456.9
60°	393.0
62.5°	336.5
65°	279.7
67.5°	226.5
70°	177.2
72.5°	132.9
75°	93.9
77.5°	60.2
80°	35.3
82.5°	21.2
85°	12.3
87.5°	5.2
90°	0.0



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— 0°-180°







(END OF REPORT)