

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: P844328

Luminaire Tested: **LD6C30DE010B2750 EU6C30B40 6LBMMW**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P844328
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 EU6C30B40 6LBMMW
Description:
Light Source: -
Ballast/Driver:

Summary

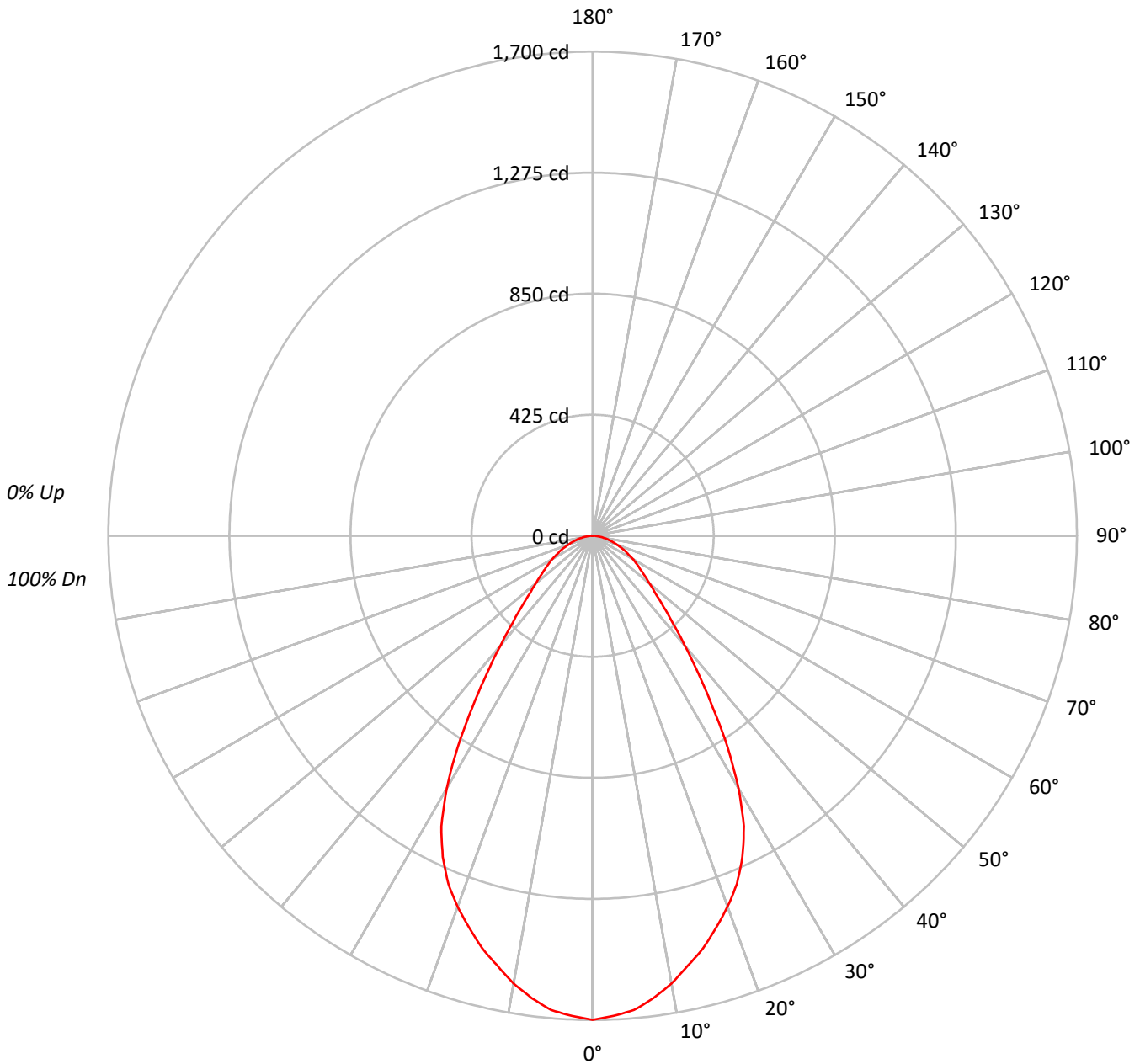
Lumens per Lamp: N/A
Luminaire Lumens: 2278.1 lumens
Efficiency: N/A
Efficacy: 66.8 lumens/watt
Spacing Criteria (0/90/45): 1 / 1 / 0.97
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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								
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°	93183
5°	91987
10°	88854
15°	85063
20°	80840
25°	75264
30°	64839
35°	49209
40°	35975
45°	27282
50°	22242
55°	19517
60°	17915
65°	16318
70°	14602
75°	13302
80°	11933
85°	9875



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	157.0	6.9
10°-20°	420.6	18.5
20°-30°	564.8	24.8
30°-40°	463.3	20.3
40°-50°	278.2	12.2
50°-60°	184.9	8.1
60°-70°	123.9	5.4
70°-80°	66.7	2.9
80°-90°	18.8	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°	1142.4	50.1
0°-40°	1605.7	70.5
0°-60°	2068.7	90.8
0°-90°	2278.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2278.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1700	
5°	1672	157
15°	1499	421
25°	1244	565
35°	735	463
45°	352	278
55°	204	185
65°	126	124
75°	63	67
85°	16	19
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1699.8
2.5°	1687.2
5°	1671.6
7.5°	1637.0
10°	1596.2
12.5°	1545.8
15°	1498.8
17.5°	1442.2
20°	1385.7
22.5°	1322.9
25°	1244.3
27.5°	1150.0
30°	1024.3
32.5°	882.9
35°	735.3
37.5°	609.5
40°	502.7
42.5°	417.9
45°	351.9
47.5°	298.5
50°	260.8
52.5°	229.4
55°	204.2
57.5°	182.2
60°	163.4
62.5°	141.4
65°	125.8
67.5°	106.8
70°	91.1
72.5°	75.4
75°	62.8
77.5°	50.2
80°	37.8
82.5°	28.2
85°	15.7
87.5°	6.2
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)