

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: P844126

Luminaire Tested: **LD6C20DE010B2750 EU6C20B30 6LBNLI**

Issue Date: 2/17/2023



Test Information

Test Method: LM-79-08
Report Number: P844126
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P205310)
Test Lab: INNOVATION CENTER
Issue Date: 2/17/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LD6C20DE010B2750 EU6C20B30 6LBNLI
Description:
Light Source: -
Ballast/Driver:

Summary

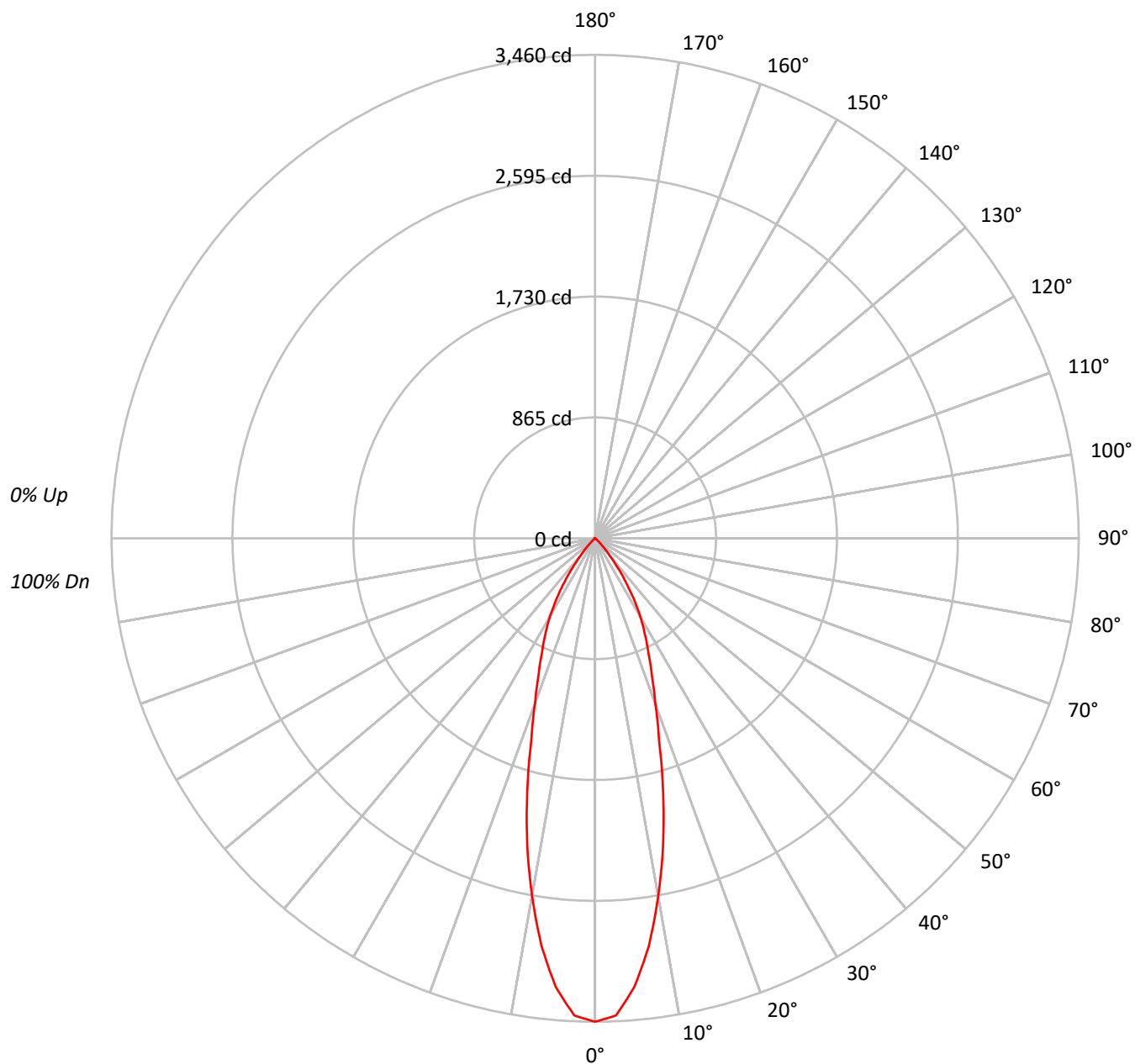
Lumens per Lamp: N/A
Luminaire Lumens: 1519.8 lumens
Efficiency: N/A
Efficacy: 69.7 lumens/watt
Spacing Criteria (0/90/45): 0.53 / 0.53 / 0.58
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 21.8
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
RW	70	50	30	10		70	50	30	10		50	30	10			50	30	10			50
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111			106	106	106			102
1	114	112	109	107		112	109	107	106		105	104	102			102	101	99			98
2	109	105	101	98		107	103	100	97		100	97	95			97	95	93			94
3	105	99	94	91		103	97	93	90		95	91	89			93	90	87			90
4	100	93	88	85		98	92	88	84		90	86	83			88	85	82			86
5	96	88	83	79		94	87	83	79		86	82	78			84	81	78			83
6	92	84	79	75		90	83	78	75		82	77	74			80	76	74			79
7	88	80	74	71		87	79	74	71		78	73	70			77	73	70			76
8	84	76	71	67		83	75	70	67		74	70	67			73	69	66			73
9	81	73	67	64		80	72	67	64		71	67	63			70	66	63			70
10	78	69	64	61		77	69	64	61		68	64	61			67	63	60			67

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	189694
5°	177399
10°	144676
15°	106465
20°	73378
25°	54481
30°	40918
35°	25518
40°	12387
45°	4249
50°	563
55°	421
60°	241
65°	285
70°	353
75°	0
80°	0
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	287.7	18.9
10°-20°	516.4	34.0
20°-30°	417.5	27.5
30°-40°	240.5	15.8
40°-50°	50.8	3.3
50°-60°	4.4	0.3
60°-70°	2.2	0.1
70°-80°	0.3	0.0
80°-90°	0.0	0.0
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°	1221.6	80.4
0°-40°	1462.1	96.2
0°-60°	1517.3	99.8
0°-90°	1519.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1519.8	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3460	
5°	3224	288
15°	1876	516
25°	901	418
35°	381	240
45°	55	51
55°	4	4
65°	2	2
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	3460.3
2.5°	3418.7
5°	3223.7
7.5°	2943.1
10°	2599.0
12.5°	2246.3
15°	1875.9
17.5°	1518.7
20°	1257.8
22.5°	1058.5
25°	900.7
27.5°	767.0
30°	646.4
32.5°	512.8
35°	381.3
37.5°	265.1
40°	173.1
42.5°	105.2
45°	54.8
47.5°	21.9
50°	6.6
52.5°	6.6
55°	4.4
57.5°	4.4
60°	2.2
62.5°	2.2
65°	2.2
67.5°	2.2
70°	2.2
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)