

Luminaire

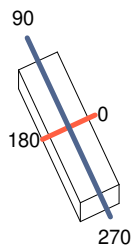
Code 90851L123
Name CAB L12W36 WIDE 840

Measurem.

Code 4/7/2023
Name CAB L12W36 WIDE 840

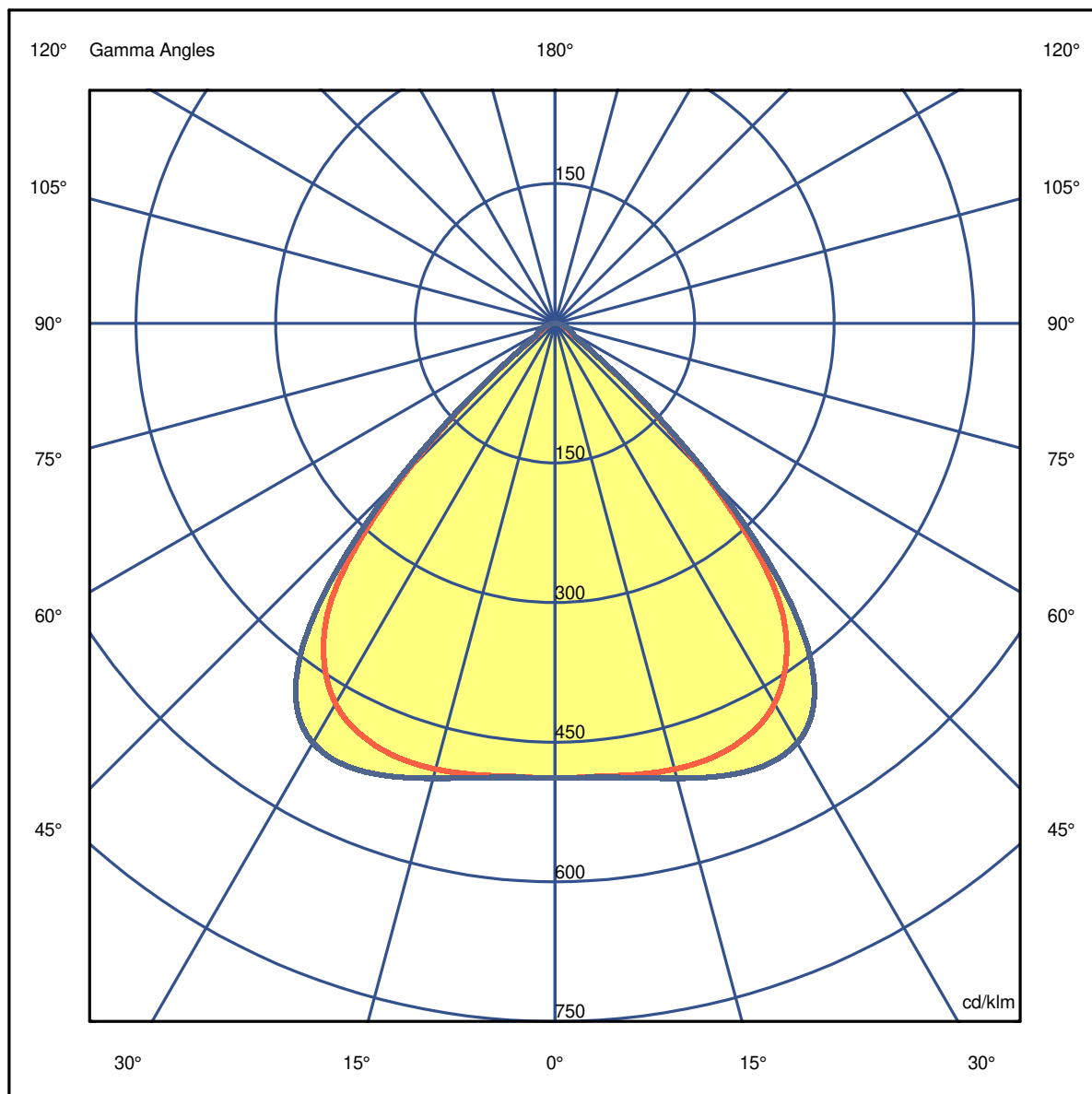
Luminaire Flux	22724 lm	Luminaire Power	136.1 W	Efficacy	166.920 lm/W	Efficiency	93.29%
Source Flux	24360 lm	Maximum value	529.60 cd/klm	Position	C=75.00 G=25.00	CG	Double Symmetrical

1250mm x 365mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0



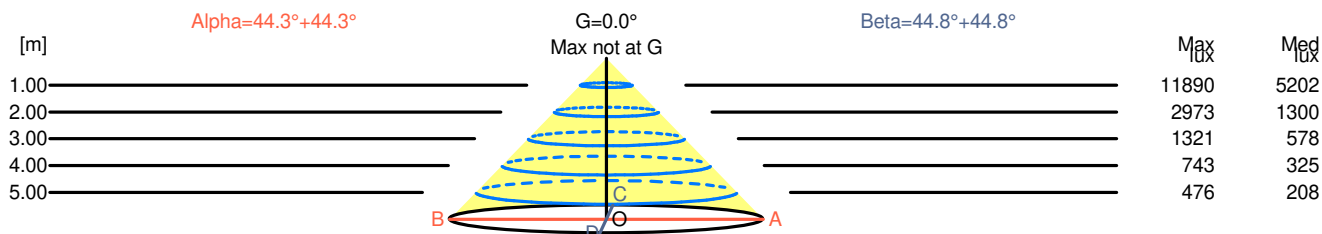
LuminaireCode 90851L123
Name CAB L12W36 WIDE 840**Measurem.**Code 4/7/2023
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Luminaire Flux	22724 lm	Luminaire Power	136.1 W	Efficacy	166.920 lm/W	Efficiency	93.29%
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Width at 50.00 % of Max Intensity

H[m]	1.00	2.00	3.00	4.00	5.00	H[m]	1.00	2.00	3.00	4.00	5.00
OA	0.97	1.95	2.92	3.90	4.87	OC	0.99	1.98	2.98	3.97	4.96
OB	0.97	1.95	2.92	3.90	4.87	OD	0.99	1.98	2.98	3.97	4.96

	0	5	15	25	35	45	55	65	75	85
OA	11890.12	11904.73	12075.25	11916.91	10560.06	5507.80	723.49	362.96	172.96	48.72
OB	11890.12	11904.73	12075.25	11916.91	10560.06	5507.80	723.49	362.96	172.96	48.72
OC	11890.12	11926.66	12321.29	12798.74	11841.40	5851.27	781.96	433.61	228.98	48.72
OD	11890.12	11926.66	12321.29	12798.74	11841.40	5851.27	781.96	433.61	228.98	48.72



H[m]	D[m]	Max lux	Med lux	Alpha=44.3°+44.3°	G=0.0 Max not at G
1.00	1.95	11890	5202		
2.00	3.90	2973	1300		
3.00	5.85	1321	578		
4.00	7.80	743	325		
5.00	9.75	476	208		

H[m]	D[m]	Max lux	Med lux	Beta=44.8°+44.8°	G=0.0 Max not at G
1.00	1.98	11890	5202		
2.00	3.97	2973	1300		
3.00	5.95	1321	578		
4.00	7.93	743	325		
5.00	9.92	476	208		

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Source Flux	24360 lm	Maximum value	529.60 cd/klm	Position	C=75.00 G=25.00	CG	Double Symmetrical

UGR
S = 0.250

Reflectancies										
Ceiling/Cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Working Plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room Dimensions	Lateral View					Viewed Endwise				
x=2H y=2H	19.2	20.1	19.4	20.3	20.5	19.4	20.2	19.6	20.4	20.7
x=2H y=3H	19.1	19.9	19.4	20.2	20.4	19.3	20.1	19.6	20.4	20.6
x=2H y=4H	19.1	19.8	19.4	20.1	20.4	19.3	20.1	19.7	20.4	20.6
x=2H y=6H	19.1	19.7	19.4	20.0	20.3	19.3	20.0	19.7	20.3	20.6
x=2H y=8H	19.0	19.7	19.4	20.0	20.3	19.3	20.0	19.6	20.2	20.6
x=2H y=12H	19.0	19.6	19.4	19.9	20.3	19.3	19.9	19.6	20.2	20.5
x=4H y=2H	19.0	19.8	19.3	20.0	20.3	19.2	20.0	19.5	20.2	20.5
x=4H y=3H	19.0	19.6	19.4	20.0	20.3	19.3	19.9	19.6	20.2	20.5
x=4H y=4H	19.0	19.6	19.4	19.9	20.2	19.3	19.8	19.7	20.2	20.5
x=4H y=6H	19.0	19.5	19.4	19.8	20.2	19.3	19.8	19.7	20.1	20.5
x=4H y=8H	19.0	19.4	19.4	19.8	20.2	19.3	19.7	19.7	20.1	20.5
x=4H y=12H	19.0	19.4	19.4	19.7	20.2	19.3	19.7	19.7	20.1	20.5
x=8H y=4H	19.0	19.4	19.4	19.8	20.2	19.2	19.7	19.7	20.0	20.4
x=8H y=6H	19.0	19.3	19.4	19.7	20.2	19.3	19.6	19.7	20.0	20.5
x=8H y=8H	19.0	19.3	19.4	19.7	20.2	19.3	19.6	19.8	20.0	20.5
x=8H y=12H	19.0	19.2	19.4	19.7	20.2	19.3	19.5	19.8	20.0	20.5
x=12H y=4H	18.9	19.3	19.4	19.7	20.1	19.2	19.6	19.6	20.0	20.4
x=12H y=6H	18.9	19.2	19.4	19.7	20.1	19.3	19.5	19.7	20.0	20.5
x=12H y=8H	18.9	19.2	19.4	19.7	20.1	19.3	19.5	19.7	20.0	20.5

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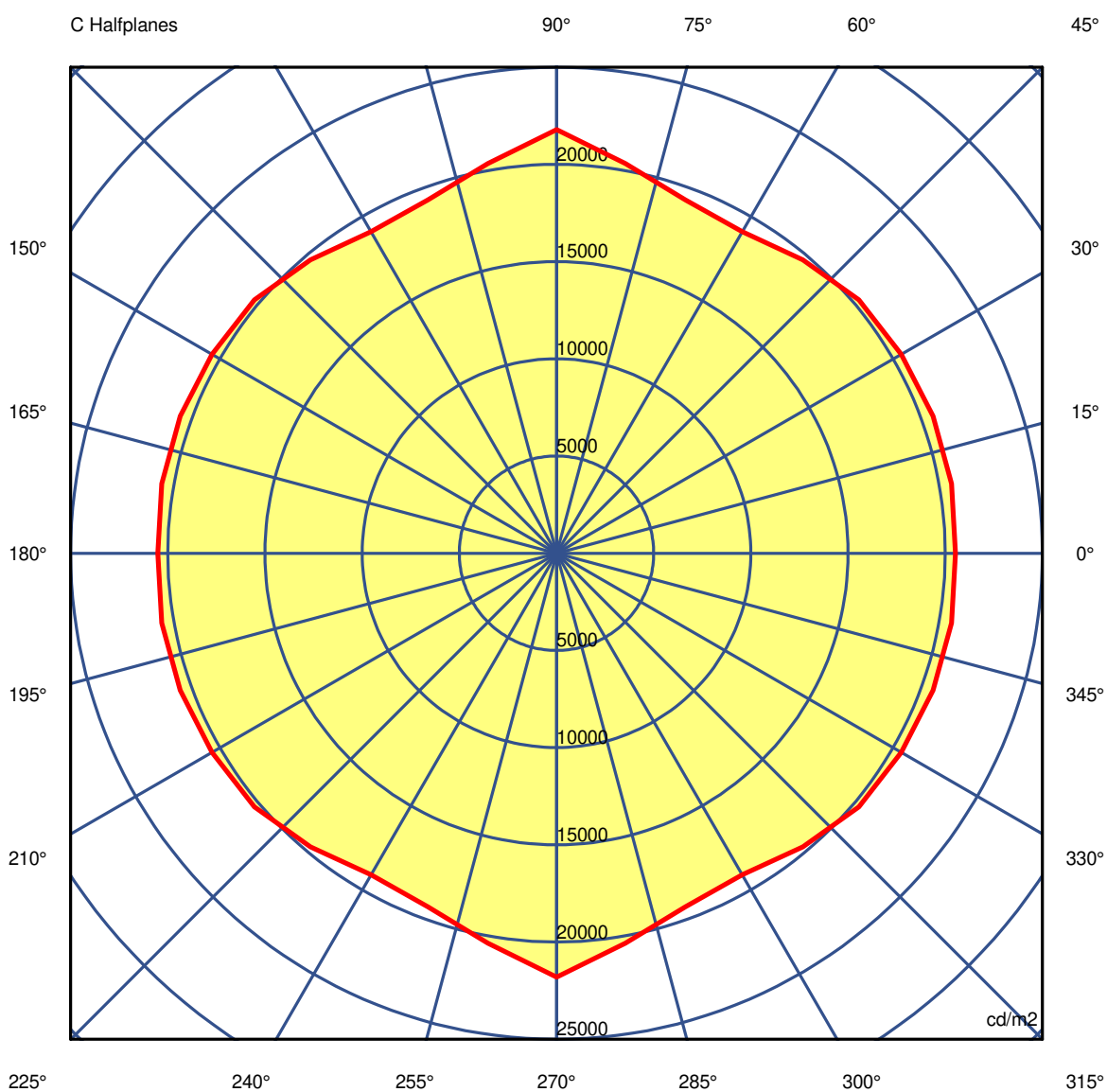
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Luminaire Flux	22724 lm	Luminaire Power	136.1 W	Efficacy	166.920 lm/W	Efficiency	93.29%
Source Flux	24360 lm	Maximum value	529.60 cd/klm	Position	C=75.00 G=25.00	CG	Double Symmetrical

Luminance



45.0°

Luminaire

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Luminaire Flux	22724 lm		Luminaire Power		136.1 W		Efficacy		166.920 lm/W		Efficiency		93.29%	
Source Flux	24360 lm		Maximum value		529.60 cd/klm		Position		C=75.00 G=25.00		CG		Double Symmetrical	
Luminance cd/m2 Table 1/3														
	C 0.00	C 10.00	C 20.00	C 30.00	C 40.00	C 50.00	C 60.00	C 70.00	C 80.00	C 90.00	C 100.00	C 110.00	C 120.00	
G 0.0	31330	31330	31330	31330	31330	31330	31330	31330	31330	31330	31330	31330	31330	
G 5.0	31488	31526	31548	31552	31555	31566	31578	31572	31559	31546	31559	31572	31578	
G 10.0	32087	32147	32190	32217	32250	32291	32334	32366	32354	32302	32354	32366	32334	
G 15.0	32940	33090	33203	33299	33428	33544	33638	33734	33729	33611	33729	33734	33638	
G 20.0	33873	34065	34275	34522	34813	35098	35349	35542	35541	35355	35541	35542	35349	
G 25.0	34646	34891	35142	35454	35897	36402	36920	37392	37491	37210	37491	37392	36920	
G 30.0	34968	35218	35346	35465	35846	36468	37340	38392	38841	38563	38841	38392	37340	
G 35.0	33968	34241	34084	33694	33716	34132	35089	36722	37836	38090	37836	36722	35089	
G 40.0	30349	30500	30066	29251	28807	28583	28941	30519	32113	33156	32113	30519	28941	
G 45.0	20524	20639	20616	20479	20292	19716	19099	19343	20369	21804	20369	19343	19099	
G 50.0	8937	8071	8383	9387	9481	9189	8777	8045	8097	9157	8097	8045	8777	
G 55.0	3324	3188	3297	3581	3750	3858	3850	3597	3470	3592	3470	3597	3850	
G 60.0	2465	2366	2406	2593	2813	2957	2940	2767	2717	2863	2717	2767	2940	
G 65.0	2263	2099	2085	2233	2431	2638	2734	2607	2560	2703	2560	2607	2734	
G 70.0	2027	1884	1880	2008	2156	2369	2534	2460	2439	2590	2439	2460	2534	
G 75.0	1761	1642	1688	1860	1986	2154	2282	2178	2154	2331	2154	2178	2282	
G 80.0	1589	1459	1474	1626	1783	1899	1922	1820	1763	1811	1763	1820	1922	
G 85.0	1473	1343	1358	1473	1522	1589	1620	1468	1386	1473	1386	1468	1620	
G 90.0	0	0	0	0	0	0	0	0	0	0	0	0	0	

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Source Flux	24360 lm		Maximum value		529.60 cd/klm		Position		C=75.00 G=25.00		CG		Double Symmetrical	
Luminance cd/m2														
Table 2/3														
	C 130.00	C 140.00	C 150.00	C 160.00	C 170.00	C 180.00	C 190.00	C 200.00	C 210.00	C 220.00	C 230.00	C 240.00	C 250.00	
G 0.0	31330	31330	31330	31330	31330	31330	31330	31330	31330	31330	31330	31330	31330	
G 5.0	31566	31555	31552	31548	31526	31488	31526	31548	31552	31555	31566	31578	31572	
G 10.0	32291	32250	32217	32190	32147	32087	32147	32190	32217	32250	32291	32334	32366	
G 15.0	33544	33428	33299	33203	33090	32940	33090	33203	33299	33428	33544	33638	33734	
G 20.0	35098	34813	34522	34275	34065	33873	34065	34275	34522	34813	35098	35349	35542	
G 25.0	36402	35897	35454	35142	34891	34646	34891	35142	35454	35897	36402	36920	37392	
G 30.0	36468	35846	35465	35346	35218	34968	35218	35346	35465	35846	36468	37340	38392	
G 35.0	34132	33716	33694	34084	34241	33968	34241	34084	33694	33716	34132	35089	36722	
G 40.0	28583	28807	29251	30066	30500	30349	30500	30066	29251	28807	28583	28941	30519	
G 45.0	19716	20292	20479	20616	20639	20524	20639	20616	20479	20292	19716	19099	19343	
G 50.0	9189	9481	9387	8383	8071	8937	8071	8383	9387	9481	9189	8777	8045	
G 55.0	3858	3750	3581	3297	3188	3324	3188	3297	3581	3750	3858	3850	3597	
G 60.0	2957	2813	2593	2406	2366	2465	2366	2406	2593	2813	2957	2940	2767	
G 65.0	2638	2431	2233	2085	2099	2263	2099	2085	2233	2431	2638	2734	2607	
G 70.0	2369	2156	2008	1880	1884	2027	1884	1880	2008	2156	2369	2534	2460	
G 75.0	2154	1986	1860	1688	1642	1761	1642	1688	1860	1986	2154	2282	2178	
G 80.0	1899	1783	1626	1474	1459	1589	1459	1474	1626	1783	1899	1922	1820	
G 85.0	1589	1522	1473	1358	1343	1473	1343	1358	1473	1522	1589	1620	1468	
G 90.0	0	0	0	0	0	0	0	0	0	0	0	0	0	

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Source Flux	24360 lm	Maximum value	529.60 cd/klm	Position	C=75.00 G=25.00	CG	Double Symmetrical

Luminance cd/m2 Table 3/3

	C 260.00	C 270.00	C 280.00	C 290.00	C 300.00	C 310.00	C 320.00	C 330.00	C 340.00	C 350.00
G 0.0	31330	31330	31330	31330	31330	31330	31330	31330	31330	31330
G 5.0	31559	31546	31559	31572	31578	31566	31555	31552	31548	31526
G 10.0	32354	32302	32354	32366	32334	32291	32250	32217	32190	32147
G 15.0	33729	33611	33729	33734	33638	33544	33428	33299	33203	33090
G 20.0	35541	35355	35541	35542	35349	35098	34813	34522	34275	34065
G 25.0	37491	37210	37491	37392	36920	36402	35897	35454	35142	34891
G 30.0	38841	38563	38841	38392	37340	36468	35846	35465	35346	35218
G 35.0	37836	38090	37836	36722	35089	34132	33716	33694	34084	34241
G 40.0	32113	33156	32113	30519	28941	28583	28807	29251	30066	30500
G 45.0	20369	21804	20369	19343	19099	19716	20292	20479	20616	20639
G 50.0	8097	9157	8097	8045	8777	9189	9481	9387	8383	8071
G 55.0	3470	3592	3470	3597	3850	3858	3750	3581	3297	3188
G 60.0	2717	2863	2717	2767	2940	2957	2813	2593	2406	2366
G 65.0	2560	2703	2560	2607	2734	2638	2431	2233	2085	2099
G 70.0	2439	2590	2439	2460	2534	2369	2156	2008	1880	1884
G 75.0	2154	2331	2154	2178	2282	2154	1986	1860	1688	1642
G 80.0	1763	1811	1763	1820	1922	1899	1783	1626	1474	1459
G 85.0	1386	1473	1386	1468	1620	1589	1522	1473	1358	1343
G 90.0	0	0	0	0	0	0	0	0	0	0