

Luminaire

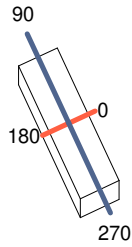
Code 90850L123
Name CAB L12W36 MEDIUM K3 840

Measur.

Code 4/7/2023
Name CAB L12W36 MEDIUM K3 840

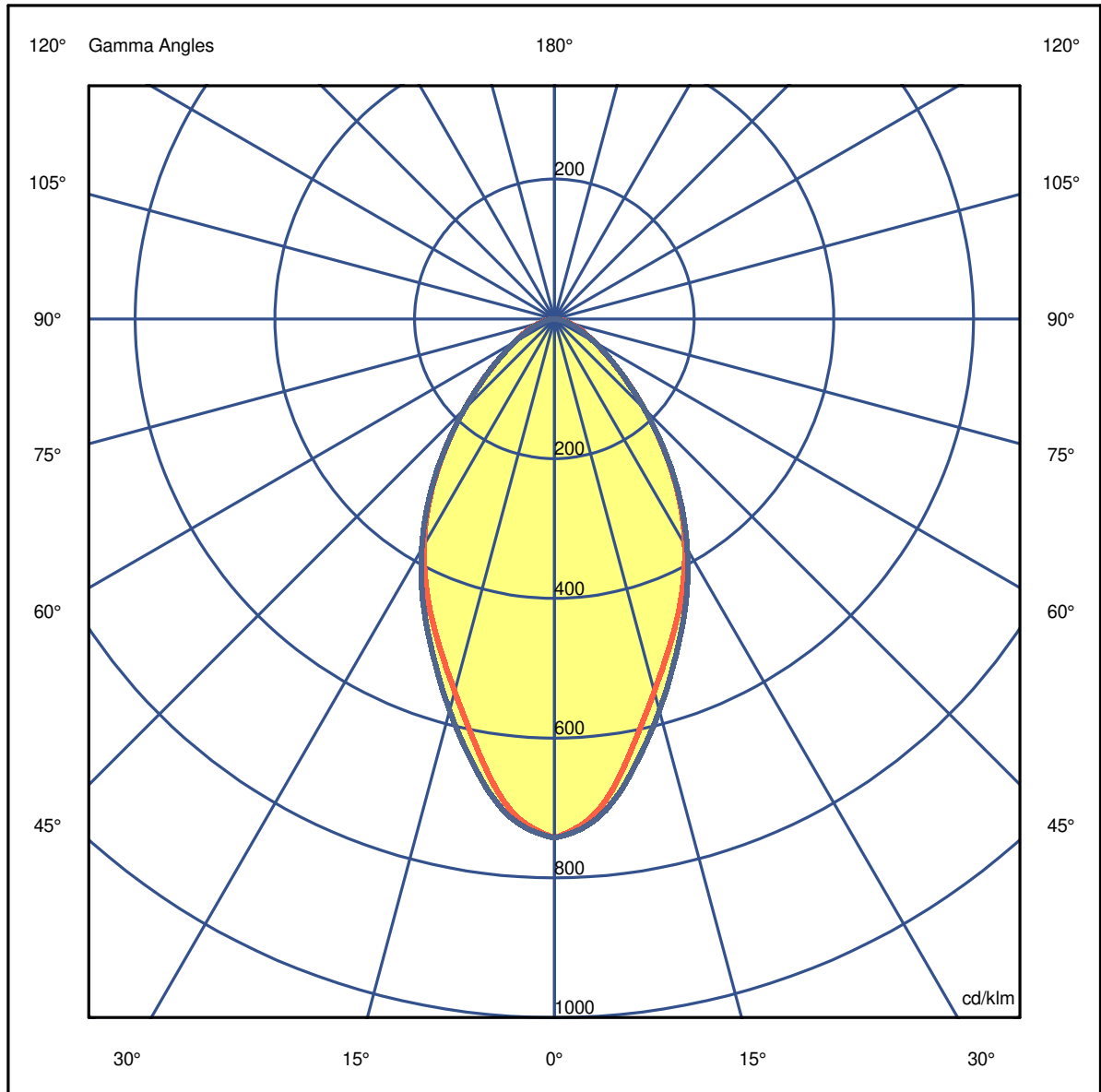
Luminaire Flux	22404 lm	Luminaire Power	136.1 W	Efficacy	164.567 lm/W	Efficiency	91.97%
Source Flux	24360 lm	Maximum value	742.90 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1250mm x 365mm



C Halfplanes

180.0 ———— 0.0
270.0 ———— 90.0



Luminaire

Code 90850L123
Name CAB L12W36 MEDIUM K3 840

Measur.

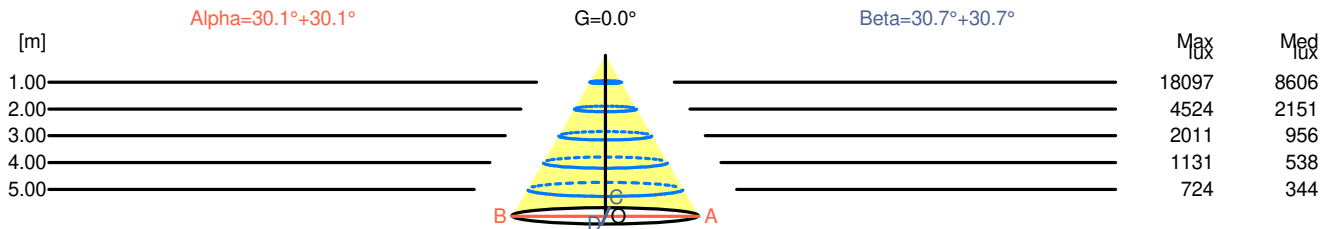
Code 4/7/2023
Name CAB L12W36 MEDIUM K3 840

Luminaire Flux	22404 lm	Luminaire Power	136.1 W	Efficacy	164.567 lm/W	Efficiency	91.97%
Source Flux	24360 lm	Maximum value	742.90 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	0.58	1.16	1.74	2.32	2.90	OC	0.59	1.19	1.78	2.37	2.96
OB	0.58	1.16	1.74	2.32	2.90	OD	0.59	1.19	1.78	2.37	2.96

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	18097.04	17220.08	13444.28	10518.65	7544.29	4431.08	2250.86	1169.28	545.66	102.31
OB	18097.04	17220.08	13444.28	10518.65	7544.29	4431.08	2250.86	1169.28	545.66	102.31
OC	18097.04	17453.94	14133.67	10854.82	7614.94	4423.78	2267.92	1079.15	411.68	77.95
OD	18097.04	17453.94	14133.67	10854.82	7614.94	4423.78	2267.92	1079.15	411.68	77.95



H[m]	D[m]	Max lux	Med lux	Alpha=30.1°+30.1°	G=0.0
1.00	1.16	18097	8606		
2.00	2.32	4524	2151		
3.00	3.48	2011	956		
4.00	4.64	1131	538		
5.00	5.80	724	344		

H[m]	D[m]	Max lux	Med lux	Beta=30.7°+30.7°	G=0.0
1.00	1.19	18097	8606		
2.00	2.37	4524	2151		
3.00	3.56	2011	956		
4.00	4.74	1131	538		
5.00	5.93	724	344		

Luminaire

Code 90850L123
Name CAB L12W36 MEDIUM K3 840

Measurment.

Code 4/7/2023
Name CAB L12W36 MEDIUM K3 840

Luminaire Flux	22404 lm	Luminaire Power	136.1 W	Efficacy	164.567 lm/W	Efficiency	91.97%
Source Flux	24360 lm	Maximum value	742.90 cd/klm	Position	C=0.00 G=0.00	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	19.7	20.7	20.0	20.9	21.1	19.7	20.7	19.9	20.9	21.1
x=2H y=3H	20.3	21.2	20.6	21.5	21.7	20.1	21.0	20.4	21.3	21.5
x=2H y=4H	20.6	21.4	20.9	21.7	22.0	20.3	21.1	20.6	21.4	21.7
x=2H y=6H	20.8	21.5	21.1	21.8	22.1	20.4	21.1	20.7	21.4	21.7
x=2H y=8H	20.8	21.5	21.1	21.8	22.2	20.3	21.1	20.7	21.4	21.7
x=2H y=12H	20.8	21.5	21.2	21.8	22.2	20.3	21.1	20.7	21.4	21.7
x=4H y=2H	19.9	20.8	20.3	21.1	21.3	19.9	20.7	20.2	21.0	21.3
x=4H y=3H	20.7	21.4	21.1	21.8	22.1	20.5	21.2	20.9	21.6	21.9
x=4H y=4H	21.1	21.7	21.5	22.1	22.4	20.8	21.4	21.1	21.7	22.1
x=4H y=6H	21.4	21.9	21.8	22.3	22.7	20.9	21.4	21.3	21.8	22.2
x=4H y=8H	21.5	21.9	21.9	22.3	22.7	20.9	21.4	21.4	21.8	22.2
x=4H y=12H	21.5	21.9	21.9	22.3	22.8	20.9	21.4	21.4	21.8	22.2
x=8H y=4H	21.2	21.7	21.6	22.0	22.5	20.9	21.3	21.3	21.7	22.1
x=8H y=6H	21.5	21.9	22.0	22.3	22.8	21.0	21.4	21.5	21.9	22.3
x=8H y=8H	21.6	22.0	22.1	22.4	22.9	21.1	21.4	21.6	21.9	22.4
x=8H y=12H	21.7	22.0	22.2	22.5	23.0	21.1	21.4	21.6	21.9	22.4
x=12H y=4H	21.2	21.6	21.6	22.0	22.4	20.9	21.3	21.3	21.7	22.1
x=12H y=6H	21.5	21.9	22.0	22.3	22.8	21.0	21.4	21.5	21.8	22.3
x=12H y=8H	21.6	21.9	22.1	22.4	22.9	21.1	21.4	21.6	21.9	22.4

Luminaire

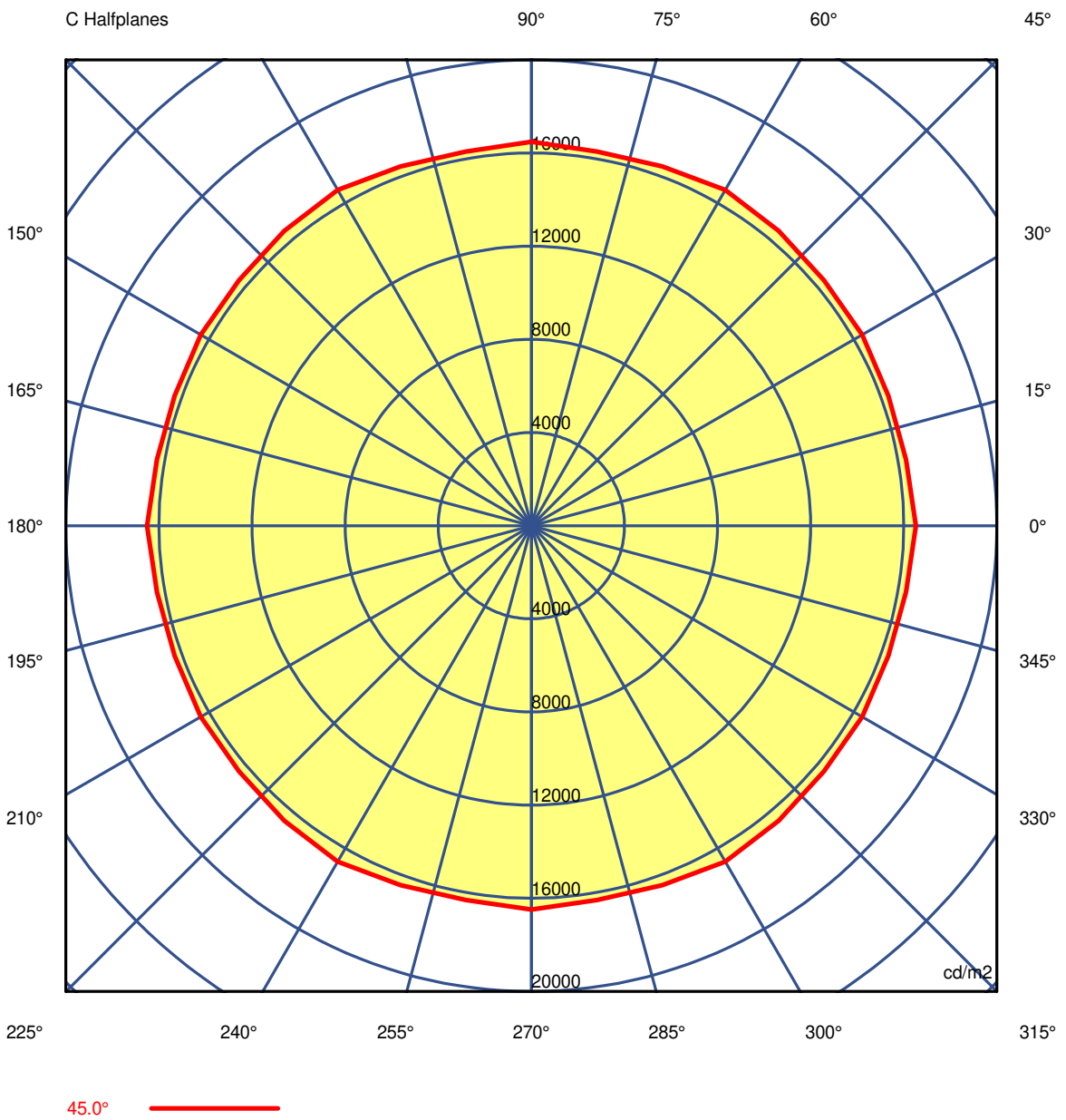
Code 90850L123
Name CAB L12W36 MEDIUM K3 840

Measurem.

Code 4/7/2023
Name CAB L12W36 MEDIUM K3 840

Luminaire Flux	22404 lm	Luminaire Power	136.1 W	Efficacy	164.567 lm/W	Efficiency	91.97%
Source Flux	24360 lm	Maximum value	742.90 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



Luminaire

Code 90850L123
Name CAB L12W36 MEDIUM K3 840

Measurement

Code 4/7/2023
Name CAB L12W36 MEDIUM K3 840

Luminaire Flux	22404 lm	Luminaire Power	136.1 W	Efficacy	164.567 lm/W	Efficiency	91.97%
Source Flux	24360 lm	Maximum value	742.90 cd/klm	Position	C=0.00 G=0.00	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	47685	47685	47685	47685	47685	47685	47685	47685	47685	47685	47685	47685	47685
G 5.0	45547	45427	45500	45670	45681	45761	45914	45919	45971	46166	45971	45919	45914
G 10.0	40957	40855	41039	41381	41512	41718	41994	42038	42184	42567	42184	42038	41994
G 15.0	36674	36595	36853	37279	37425	37667	37977	37945	38073	38555	38073	37945	37977
G 20.0	33429	33452	33626	34010	34180	34334	34474	34405	34482	34823	34482	34405	34474
G 25.0	30581	30638	30799	31091	31199	31290	31360	31251	31283	31559	31283	31251	31360
G 30.0	27646	27601	27713	27912	27995	28090	28157	28022	27995	28187	27995	28022	28157
G 35.0	24267	24130	24187	24346	24356	24453	24565	24376	24297	24495	24297	24376	24565
G 40.0	20403	20208	20237	20369	20314	20436	20629	20401	20280	20495	20280	20401	20629
G 45.0	16512	16338	16321	16403	16406	16528	16648	16427	16311	16485	16311	16427	16648
G 50.0	13061	12961	12984	13061	13031	13088	13181	12948	12861	13091	12861	12948	13181
G 55.0	10340	10268	10353	10486	10430	10456	10530	10251	10150	10419	10150	10251	10530
G 60.0	8473	8440	8476	8524	8480	8511	8563	8222	8091	8370	8091	8222	8563
G 65.0	7290	7218	7151	7078	7017	6976	6956	6671	6551	6728	6551	6671	6956
G 70.0	6231	6130	6087	6024	5815	5683	5630	5447	5339	5386	5339	5447	5630
G 75.0	5555	5616	5618	5406	4885	4555	4514	4409	4282	4191	4282	4409	4514
G 80.0	4694	4608	4571	4399	3867	3490	3438	3405	3302	3142	3302	3405	3438
G 85.0	3093	2873	2978	3167	2896	2633	2578	2482	2395	2357	2395	2482	2578
G 90.0	0	0	0	0	0	0	0	0	0	0	0	0	0

Luminaire

Code 90850L123
Name CAB L12W36 MEDIUM K3 840

Measurement

Code 4/7/2023
Name CAB L12W36 MEDIUM K3 840

Luminaire Flux	22404 lm	Luminaire Power	136.1 W	Efficacy	164.567 lm/W	Efficiency	91.97%
Source Flux	24360 lm	Maximum value	742.90 cd/klm	Position	C=0.00 G=0.00	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	47685	47685	47685	47685	47685	47685	47685	47685	47685	47685	47685	47685	47685
G 5.0	45761	45681	45670	45500	45427	45547	45427	45500	45670	45681	45761	45914	45919
G 10.0	41718	41512	41381	41039	40855	40957	40855	41039	41381	41512	41718	41994	42038
G 15.0	37667	37425	37279	36853	36595	36674	36595	36853	37279	37425	37667	37977	37945
G 20.0	34334	34180	34010	33626	33452	33429	33452	33626	34010	34180	34334	34474	34405
G 25.0	31290	31199	31091	30799	30638	30581	30638	30799	31091	31199	31290	31360	31251
G 30.0	28090	27995	27912	27713	27601	27646	27601	27713	27912	27995	28090	28157	28022
G 35.0	24453	24356	24346	24187	24130	24267	24130	24187	24346	24356	24453	24565	24376
G 40.0	20436	20314	20369	20237	20208	20403	20208	20237	20369	20314	20436	20629	20401
G 45.0	16528	16406	16403	16321	16338	16512	16338	16321	16403	16406	16528	16648	16427
G 50.0	13088	13031	13061	12984	12961	13061	12961	12984	13061	13031	13088	13181	12948
G 55.0	10456	10430	10486	10353	10268	10340	10268	10353	10486	10430	10456	10530	10251
G 60.0	8511	8480	8524	8476	8440	8473	8440	8476	8524	8480	8511	8563	8222
G 65.0	6976	7017	7078	7151	7218	7290	7218	7151	7078	7017	6976	6956	6671
G 70.0	5683	5815	6024	6087	6130	6231	6130	6087	6024	5815	5683	5630	5447
G 75.0	4555	4885	5406	5618	5616	5555	5616	5618	5406	4885	4555	4514	4409
G 80.0	3490	3867	4399	4571	4608	4694	4608	4571	4399	3867	3490	3438	3405
G 85.0	2633	2896	3167	2978	2873	3093	2873	2978	3167	2896	2633	2578	2482
G 90.0	0	0	0	0	0	0	0	0	0	0	0	0	0

Luminaire

Code 90850L123
Name CAB L12W36 MEDIUM K3 840

Measurem.

Code 4/7/2023
Name CAB L12W36 MEDIUM K3 840

Luminaire Flux	22404 lm	Luminaire Power	136.1 W	Efficacy	164.567 lm/W	Efficiency	91.97%
Source Flux	24360 lm	Maximum value	742.90 cd/klm	Position	C=0.00 G=0.00	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	47685	47685	47685	47685	47685	47685	47685	47685	47685	47685
G 5.0	45971	46166	45971	45919	45914	45761	45681	45670	45500	45427
G 10.0	42184	42567	42184	42038	41994	41718	41512	41381	41039	40855
G 15.0	38073	38555	38073	37945	37977	37667	37425	37279	36853	36595
G 20.0	34482	34823	34482	34405	34474	34334	34180	34010	33626	33452
G 25.0	31283	31559	31283	31251	31360	31290	31199	31091	30799	30638
G 30.0	27995	28187	27995	28022	28157	28090	27995	27912	27713	27601
G 35.0	24297	24495	24297	24376	24565	24453	24356	24346	24187	24130
G 40.0	20280	20495	20280	20401	20629	20436	20314	20369	20237	20208
G 45.0	16311	16485	16311	16427	16648	16528	16406	16403	16321	16338
G 50.0	12861	13091	12861	12948	13181	13088	13031	13061	12984	12961
G 55.0	10150	10419	10150	10251	10530	10456	10430	10486	10353	10268
G 60.0	8091	8370	8091	8222	8563	8511	8480	8524	8476	8440
G 65.0	6551	6728	6551	6671	6956	6976	7017	7078	7151	7218
G 70.0	5339	5386	5339	5447	5630	5683	5815	6024	6087	6130
G 75.0	4282	4191	4282	4409	4514	4555	4885	5406	5618	5616
G 80.0	3302	3142	3302	3405	3438	3490	3867	4399	4571	4608
G 85.0	2395	2357	2395	2482	2578	2633	2896	3167	2978	2873
G 90.0	0	0	0	0	0	0	0	0	0	0