

Luminaire

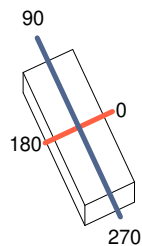
Code 90850L124
Name CAB L12W47 MEDIUM 840

Measurem.

Code 4/7/2023
Name CAB L12W47 MEDIUM 840

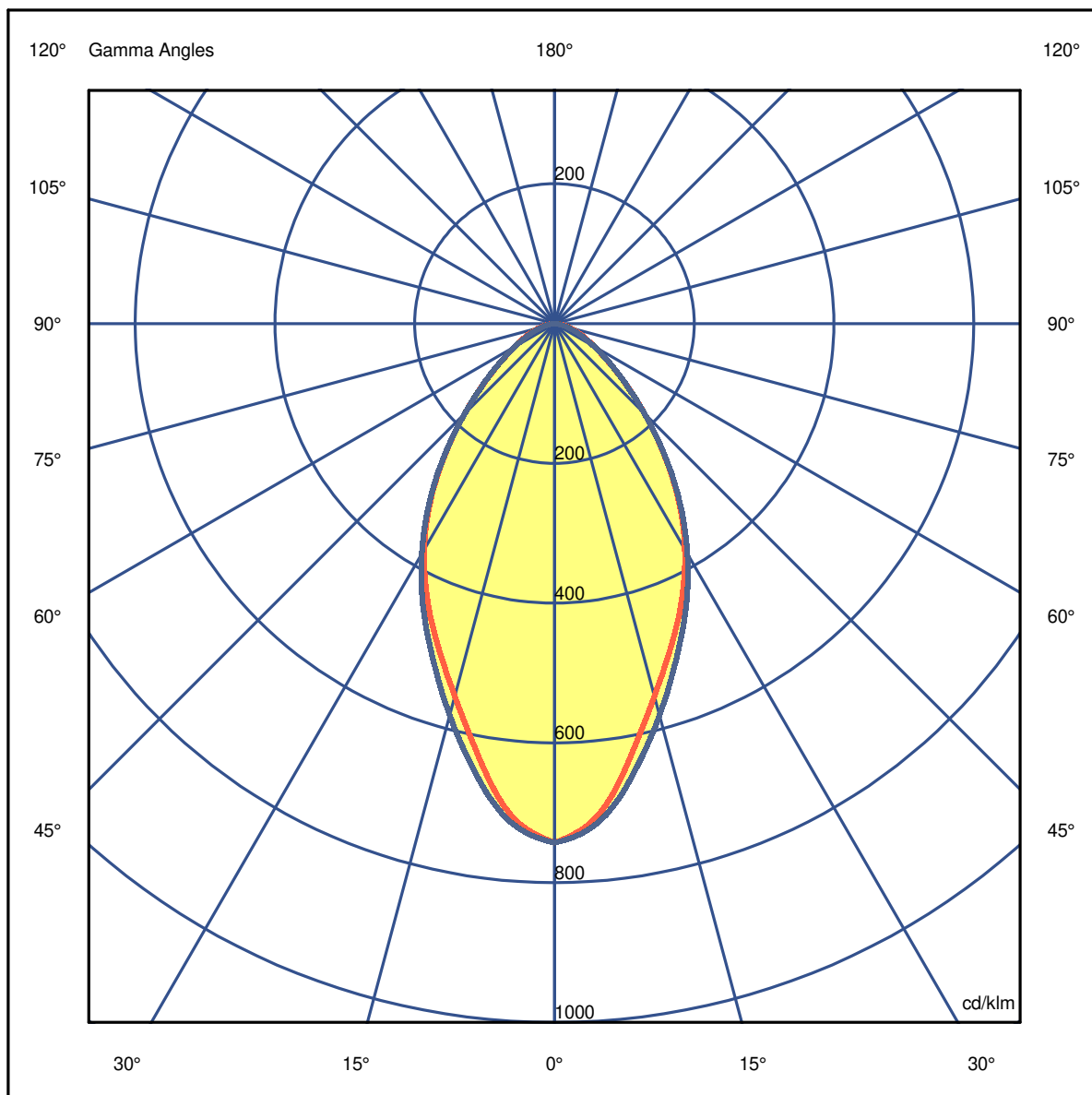
Luminaire Flux	29872 lm	Luminaire Power	181.7 W	Efficacy	164.403 lm/W	Efficiency	91.97%
Source Flux	32480 lm	Maximum value	742.90 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1250mm x 470mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0



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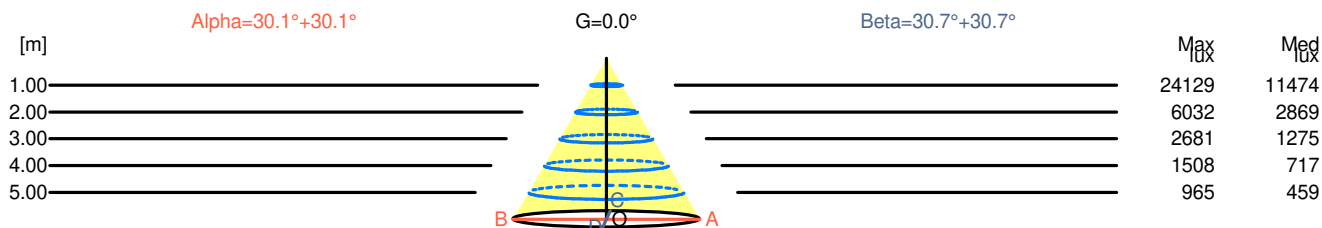
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Source Flux	32480 lm	Maximum value	742.90 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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

	0	5	15	25	35	45	55	65	75	85
OA	24129.39	22960.11	17925.71	14024.86	10059.06	5908.11	3001.15	1559.04	727.55	136.42
OB	24129.39	22960.11	17925.71	14024.86	10059.06	5908.11	3001.15	1559.04	727.55	136.42
OC	24129.39	23271.92	18844.90	14473.09	10153.25	5898.37	3023.89	1438.86	548.91	103.94
OD	24129.39	23271.92	18844.90	14473.09	10153.25	5898.37	3023.89	1438.86	548.91	103.94



H[m]	D[m]	Max lux	Med lux	Alpha=30.1°+30.1°	G=0.0	
1.00	1.16	24129	11474			
2.00	2.32	6032	2869			
3.00	3.48	2681	1275			
4.00	4.64	1508	717			
5.00	5.80	965	459			

H[m]	D[m]	Max lux	Med lux	Beta=30.7°+30.7°	G=0.0	
1.00	1.19	24129	11474			
2.00	2.37	6032	2869			
3.00	3.56	2681	1275			
4.00	4.74	1508	717			
5.00	5.93	965	459			

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Source Flux	32480 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	21.9	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	21.3	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	22.1	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	21.1	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	21.7	21.9	22.1	22.4	22.9	21.1	21.4	21.6	21.9	22.4

Luminaire

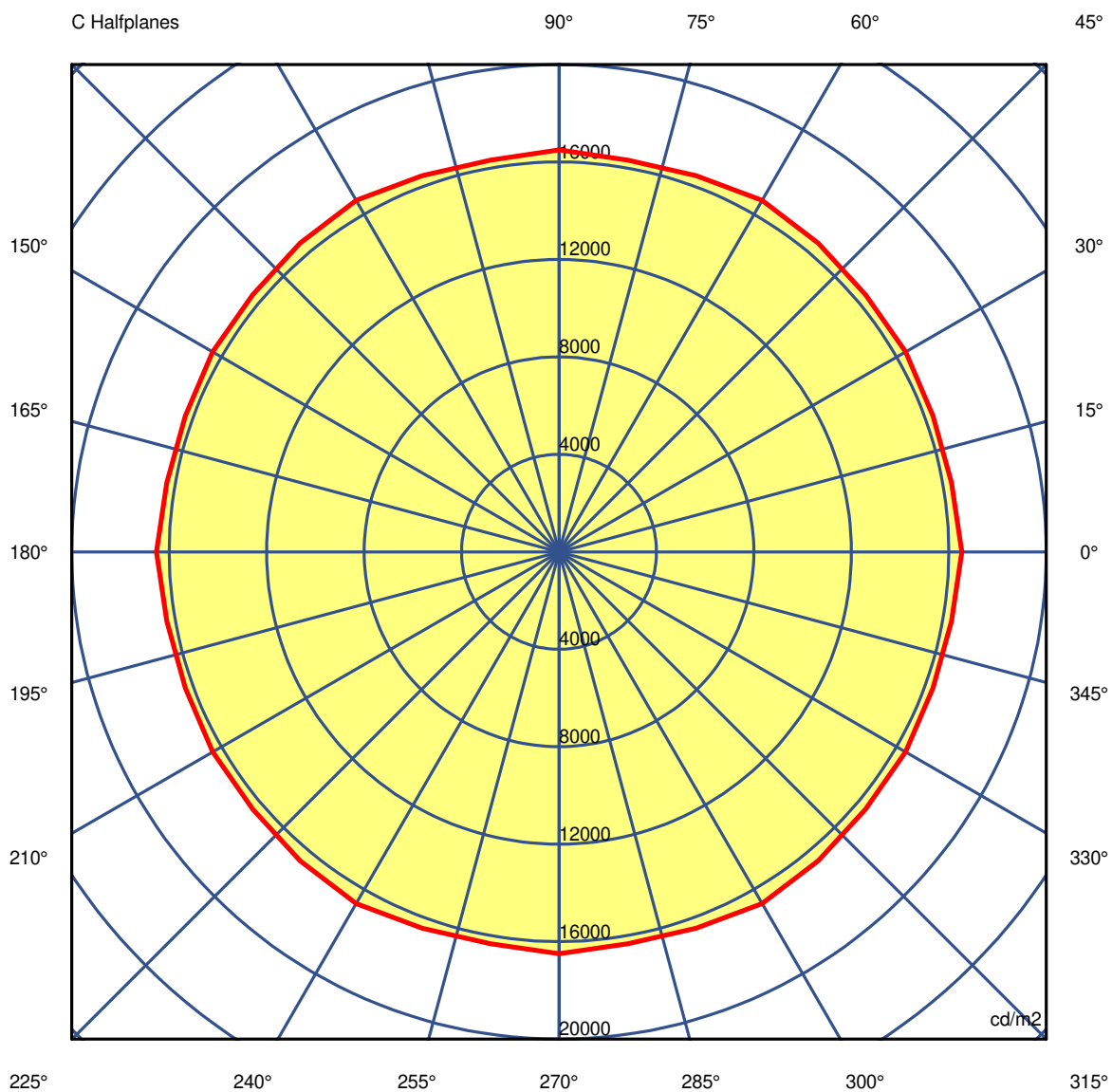
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Measurem.

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Luminaire Flux	29872 lm	Luminaire Power	181.7 W	Efficacy	164.403 lm/W	Efficiency	91.97%
Source Flux	32480 lm	Maximum value	742.90 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

Luminaire

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Measur.

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Luminaire Flux	29872 lm	Luminaire Power		181.7 W		Efficacy		164.403 lm/W		Efficiency		91.97%	
Source Flux	32480 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	47722	47722	47722	47722	47722	47722	47722	47722	47722	47722	47722	47722	47722
G 5.0	45583	45463	45536	45706	45718	45797	45951	45955	46008	46202	46008	45955	45951
G 10.0	40990	40887	41071	41414	41545	41751	42027	42071	42218	42601	42218	42071	42027
G 15.0	36704	36624	36882	37309	37455	37697	38007	37975	38103	38586	38103	37975	38007
G 20.0	33456	33478	33652	34037	34207	34361	34502	34432	34509	34850	34509	34432	34502
G 25.0	30605	30662	30824	31116	31224	31314	31385	31275	31307	31584	31307	31275	31385
G 30.0	27667	27623	27735	27934	28017	28113	28179	28044	28017	28209	28017	28044	28179
G 35.0	24287	24150	24206	24365	24376	24473	24585	24395	24317	24514	24317	24395	24585
G 40.0	20419	20224	20253	20386	20330	20452	20645	20418	20296	20511	20296	20418	20645
G 45.0	16525	16351	16334	16416	16419	16541	16661	16440	16324	16498	16324	16440	16661
G 50.0	13072	12971	12994	13072	13042	13098	13192	12958	12871	13102	12871	12958	13192
G 55.0	10348	10276	10361	10494	10438	10464	10539	10259	10158	10427	10158	10259	10539
G 60.0	8479	8447	8483	8531	8487	8518	8569	8228	8097	8377	8097	8228	8569
G 65.0	7296	7224	7156	7083	7022	6982	6962	6676	6556	6734	6556	6676	6962
G 70.0	6236	6134	6092	6029	5819	5688	5635	5451	5344	5390	5344	5451	5635
G 75.0	5560	5621	5623	5411	4889	4558	4517	4412	4286	4195	4286	4412	4517
G 80.0	4698	4612	4575	4402	3870	3493	3440	3408	3305	3144	3305	3408	3440
G 85.0	3096	2875	2980	3169	2898	2635	2580	2484	2397	2359	2397	2484	2580
G 90.0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Source Flux	32480 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	47722	47722	47722	47722	47722	47722	47722	47722	47722	47722	47722	47722	47722
G 5.0	45797	45718	45706	45536	45463	45583	45463	45536	45706	45718	45797	45951	45955
G 10.0	41751	41545	41414	41071	40887	40990	40887	41071	41414	41545	41751	42027	42071
G 15.0	37697	37455	37309	36882	36624	36704	36624	36882	37309	37455	37697	38007	37975
G 20.0	34361	34207	34037	33652	33478	33456	33478	33652	34037	34207	34361	34502	34432
G 25.0	31314	31224	31116	30824	30662	30605	30662	30824	31116	31224	31314	31385	31275
G 30.0	28113	28017	27934	27735	27623	27667	27623	27735	27934	28017	28113	28179	28044
G 35.0	24473	24376	24365	24206	24150	24287	24150	24206	24365	24376	24473	24585	24395
G 40.0	20452	20330	20386	20253	20224	20419	20224	20253	20386	20330	20452	20645	20418
G 45.0	16541	16419	16416	16334	16351	16525	16351	16334	16416	16419	16541	16661	16440
G 50.0	13098	13042	13072	12994	12971	13072	12971	12994	13072	13042	13098	13192	12958
G 55.0	10464	10438	10494	10361	10276	10348	10276	10361	10494	10438	10464	10539	10259
G 60.0	8518	8487	8531	8483	8447	8479	8447	8483	8531	8487	8518	8569	8228
G 65.0	6982	7022	7083	7156	7224	7296	7224	7156	7083	7022	6982	6962	6676
G 70.0	5688	5819	6029	6092	6134	6236	6134	6092	6029	5819	5688	5635	5451
G 75.0	4558	4889	5411	5623	5621	5560	5621	5623	5411	4889	4558	4517	4412
G 80.0	3493	3870	4402	4575	4612	4698	4612	4575	4402	3870	3493	3440	3408
G 85.0	2635	2898	3169	2980	2875	3096	2875	2980	3169	2898	2635	2580	2484
G 90.0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Source Flux	32480 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	47722	47722	47722	47722	47722	47722	47722	47722	47722	47722
G 5.0	46008	46202	46008	45955	45951	45797	45718	45706	45536	45463
G 10.0	42218	42601	42218	42071	42027	41751	41545	41414	41071	40887
G 15.0	38103	38586	38103	37975	38007	37697	37455	37309	36882	36624
G 20.0	34509	34850	34509	34432	34502	34361	34207	34037	33652	33478
G 25.0	31307	31584	31307	31275	31385	31314	31224	31116	30824	30662
G 30.0	28017	28209	28017	28044	28179	28113	28017	27934	27735	27623
G 35.0	24317	24514	24317	24395	24585	24473	24376	24365	24206	24150
G 40.0	20296	20511	20296	20418	20645	20452	20330	20386	20253	20224
G 45.0	16324	16498	16324	16440	16661	16541	16419	16416	16334	16351
G 50.0	12871	13102	12871	12958	13192	13098	13042	13072	12994	12971
G 55.0	10158	10427	10158	10259	10539	10464	10438	10494	10361	10276
G 60.0	8097	8377	8097	8228	8569	8518	8487	8531	8483	8447
G 65.0	6556	6734	6556	6676	6962	6982	7022	7083	7156	7224
G 70.0	5344	5390	5344	5451	5635	5688	5819	6029	6092	6134
G 75.0	4286	4195	4286	4412	4517	4558	4889	5411	5623	5621
G 80.0	3305	3144	3305	3408	3440	3493	3870	4402	4575	4612
G 85.0	2397	2359	2397	2484	2580	2635	2898	3169	2980	2875
G 90.0	0	0	0	0	0	0	0	0	0	0