

Luminaire

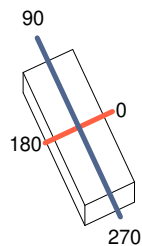
Code 90851L124
Name CAB L12W47 WIDE 840

Measurem.

Code 4/7/2023
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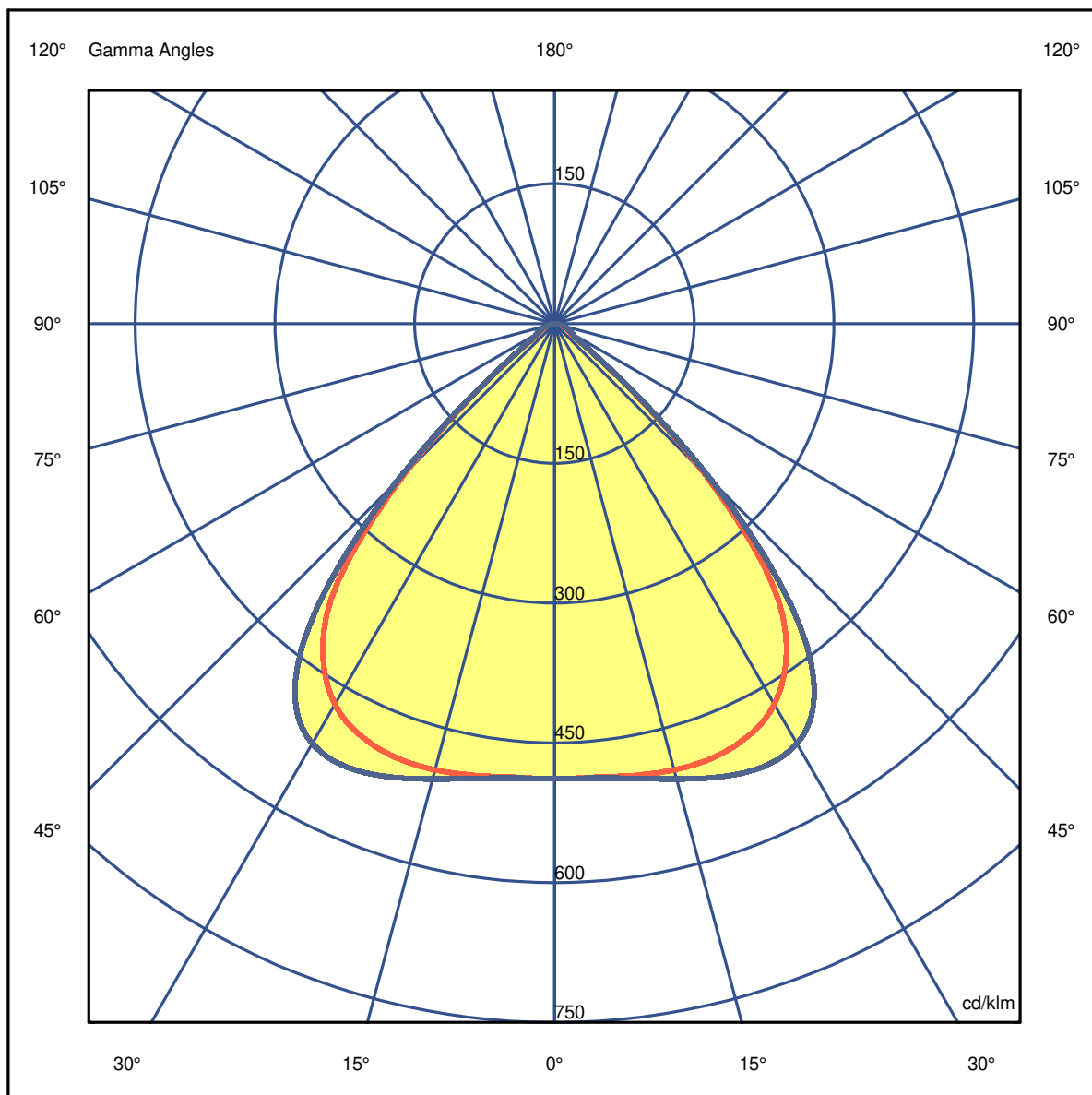
Luminaire Flux	30299 lm	Luminaire Power	181.7 W	Efficacy	166.755 lm/W	Efficiency	93.29%
Source Flux	32480 lm	Maximum value	529.60 cd/klm	Position	C=75.00 G=25.00	CG	Double Symmetrical

1250mm x 470mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0



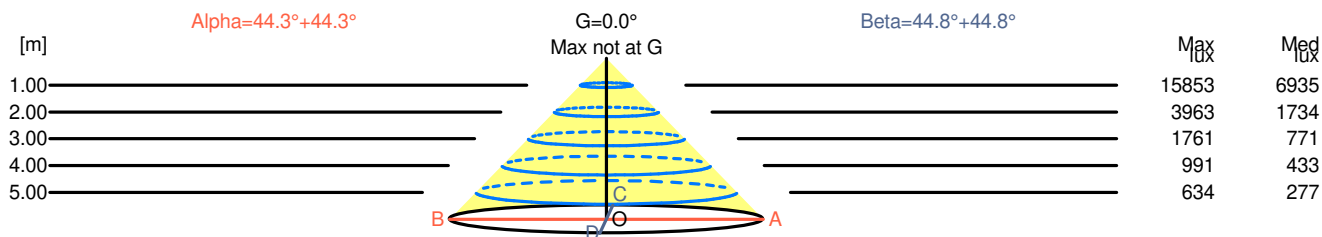
LuminaireCode 90851L124
Name CAB L12W47 WIDE 840**Measurem.**Code 4/7/2023
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Width at 50.00 % of Max Intensity

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	15853.49	15872.98	16100.34	15889.22	14080.08	7343.73	964.66	483.95	230.61	64.96
OB	15853.49	15872.98	16100.34	15889.22	14080.08	7343.73	964.66	483.95	230.61	64.96
OC	15853.49	15902.21	16428.38	17064.99	15788.53	7801.70	1042.61	578.14	305.31	64.96
OD	15853.49	15902.21	16428.38	17064.99	15788.53	7801.70	1042.61	578.14	305.31	64.96



H[m]	D[m]	Max lux	Med lux	Alpha=44.3°+44.3°	G=0.0 Max not at G	
1.00	1.95	15853	6935			
2.00	3.90	3963	1734			
3.00	5.85	1761	771			
4.00	7.80	991	433			
5.00	9.75	634	277			

H[m]	D[m]	Max lux	Med lux	Beta=44.8°+44.8°	G=0.0 Max not at G	
1.00	1.98	15853	6935			
2.00	3.97	3963	1734			
3.00	5.95	1761	771			
4.00	7.93	991	433			
5.00	9.92	634	277			

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Source Flux	32480 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	19.9	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	20.3	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	20.1	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	19.6	19.7	20.0	20.5
x=12H y=8H	18.9	19.2	19.4	19.7	20.1	19.3	19.5	19.8	20.0	20.5

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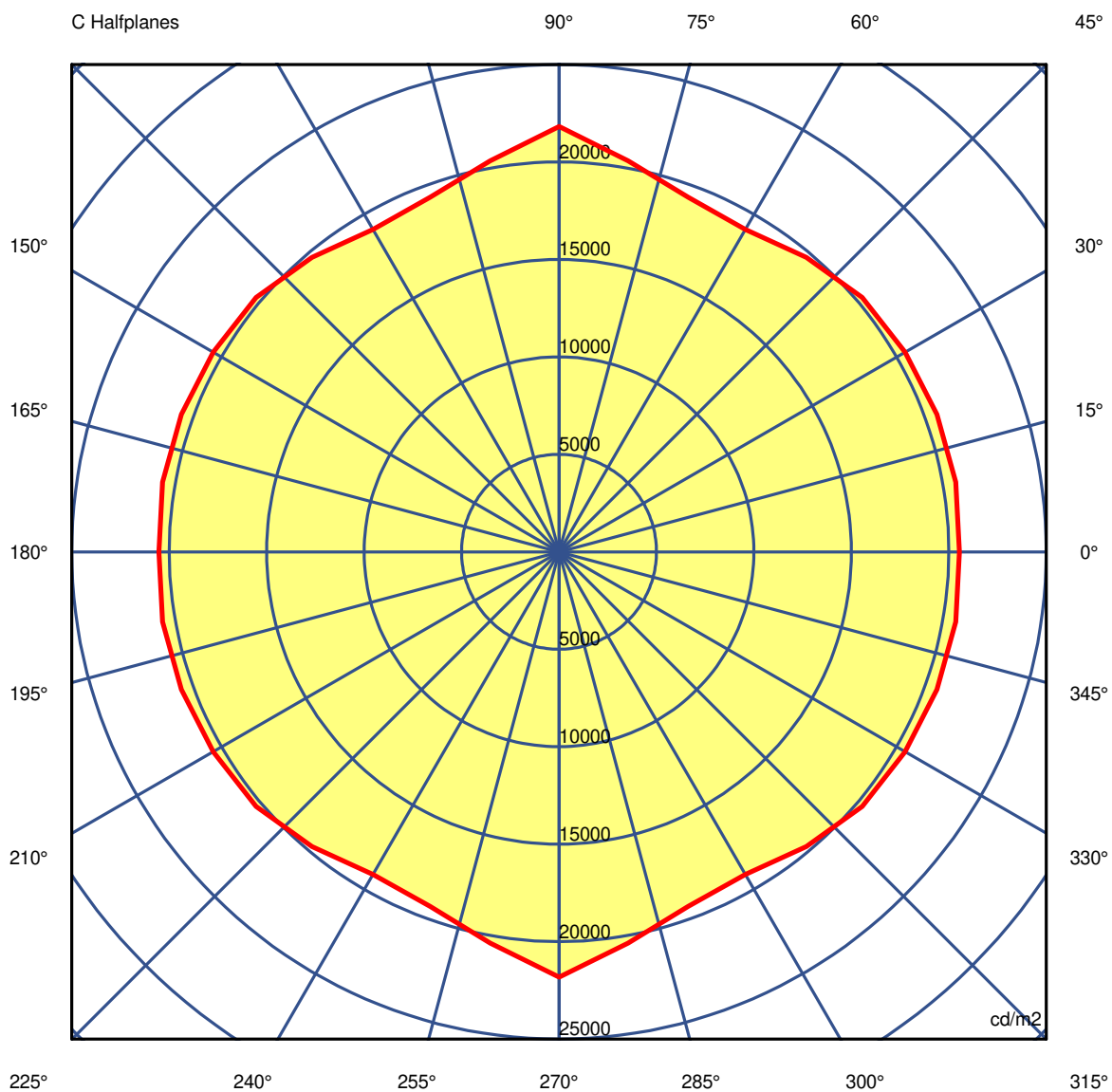
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Luminaire Flux	30299 lm	Luminaire Power	181.7 W	Efficacy	166.755 lm/W	Efficiency	93.29%
Source Flux	32480 lm	Maximum value	529.60 cd/klm	Position	C=75.00 G=25.00	CG	Double Symmetrical

Luminance



45.0°

Luminaire

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Source Flux	32480 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	31354	31354	31354	31354	31354	31354	31354	31354	31354	31354	31354	31354	31354	
G 5.0	31513	31551	31573	31577	31580	31591	31603	31597	31584	31571	31584	31597	31603	
G 10.0	32112	32173	32215	32243	32275	32316	32360	32391	32380	32327	32380	32391	32360	
G 15.0	32966	33116	33229	33325	33455	33570	33664	33760	33755	33638	33755	33760	33664	
G 20.0	33900	34092	34302	34549	34840	35125	35377	35570	35569	35383	35569	35570	35377	
G 25.0	34674	34919	35169	35482	35926	36431	36949	37421	37521	37240	37521	37421	36949	
G 30.0	34996	35246	35374	35493	35875	36497	37370	38422	38871	38593	38871	38422	37370	
G 35.0	33995	34268	34111	33721	33742	34159	35116	36751	37866	38120	37866	36751	35116	
G 40.0	30373	30524	30090	29274	28830	28605	28964	30544	32139	33182	32139	30544	28964	
G 45.0	20540	20655	20633	20495	20308	19731	19114	19359	20385	21821	20385	19359	19114	
G 50.0	8944	8077	8390	9394	9488	9196	8784	8051	8103	9164	8103	8051	8784	
G 55.0	3326	3190	3299	3584	3753	3861	3853	3600	3472	3595	3472	3600	3853	
G 60.0	2467	2368	2408	2595	2816	2960	2942	2769	2719	2865	2719	2769	2942	
G 65.0	2265	2100	2087	2234	2433	2640	2736	2609	2562	2706	2562	2609	2736	
G 70.0	2028	1885	1882	2010	2158	2371	2536	2462	2441	2592	2441	2462	2536	
G 75.0	1762	1643	1689	1861	1988	2156	2283	2180	2156	2333	2156	2180	2283	
G 80.0	1591	1461	1475	1628	1785	1901	1924	1821	1765	1813	1765	1821	1924	
G 85.0	1474	1344	1359	1474	1523	1590	1622	1469	1388	1474	1388	1469	1622	
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		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	31354	31354	31354	31354	31354	31354	31354	31354	31354	31354	31354	31354	31354	31354	31354	31354	31354	31354	31354	31354	31354	31354	31354	31354	31354
G 5.0	31591	31580	31577	31573	31551	31513	31551	31573	31577	31580	31591	31591	31603	31597											
G 10.0	32316	32275	32243	32215	32173	32112	32173	32215	32243	32275	32316	32360	32391												
G 15.0	33570	33455	33325	33229	33116	32966	33116	33229	33325	33455	33570	33664	33760												
G 20.0	35125	34840	34549	34302	34092	33900	34092	34302	34549	34840	35125	35377	35570												
G 25.0	36431	35926	35482	35169	34919	34674	34919	35169	35482	35926	36431	36949	37421												
G 30.0	36497	35875	35493	35374	35246	34996	35246	35374	35493	35875	36497	37370	38422												
G 35.0	34159	33742	33721	34111	34268	33995	34268	34111	33721	33742	34159	35116	36751												
G 40.0	28605	28830	29274	30090	30524	30373	30524	30090	29274	28830	28605	28964	30544												
G 45.0	19731	20308	20495	20633	20655	20540	20655	20633	20495	20308	19731	19114	19359												
G 50.0	9196	9488	9394	8390	8077	8944	8077	8390	9394	9488	9196	8784	8051												
G 55.0	3861	3753	3584	3299	3190	3326	3190	3299	3584	3753	3861	3853	3600												
G 60.0	2960	2816	2595	2408	2368	2467	2368	2408	2595	2816	2960	2942	2769												
G 65.0	2640	2433	2234	2087	2100	2265	2100	2087	2234	2433	2640	2736	2609												
G 70.0	2371	2158	2010	1882	1885	2028	1885	1882	2010	2158	2371	2536	2462												
G 75.0	2156	1988	1861	1689	1643	1762	1643	1689	1861	1988	2156	2283	2180												
G 80.0	1901	1785	1628	1475	1461	1591	1461	1475	1628	1785	1901	1924	1821												
G 85.0	1590	1523	1474	1359	1344	1474	1344	1359	1474	1523	1590	1622	1469												
G 90.0	0	0	0	0	0	0	0	0	0	0	0	0	0												

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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	31354	31354	31354	31354	31354	31354	31354	31354	31354	31354
G 5.0	31584	31571	31584	31597	31603	31591	31580	31577	31573	31551
G 10.0	32380	32327	32380	32391	32360	32316	32275	32243	32215	32173
G 15.0	33755	33638	33755	33760	33664	33570	33455	33325	33229	33116
G 20.0	35569	35383	35569	35570	35377	35125	34840	34549	34302	34092
G 25.0	37521	37240	37521	37421	36949	36431	35926	35482	35169	34919
G 30.0	38871	38593	38871	38422	37370	36497	35875	35493	35374	35246
G 35.0	37866	38120	37866	36751	35116	34159	33742	33721	34111	34268
G 40.0	32139	33182	32139	30544	28964	28605	28830	29274	30090	30524
G 45.0	20385	21821	20385	19359	19114	19731	20308	20495	20633	20655
G 50.0	8103	9164	8103	8051	8784	9196	9488	9394	8390	8077
G 55.0	3472	3595	3472	3600	3853	3861	3753	3584	3299	3190
G 60.0	2719	2865	2719	2769	2942	2960	2816	2595	2408	2368
G 65.0	2562	2706	2562	2609	2736	2640	2433	2234	2087	2100
G 70.0	2441	2592	2441	2462	2536	2371	2158	2010	1882	1885
G 75.0	2156	2333	2156	2180	2283	2156	1988	1861	1689	1643
G 80.0	1765	1813	1765	1821	1924	1901	1785	1628	1475	1461
G 85.0	1388	1474	1388	1469	1622	1590	1523	1474	1359	1344
G 90.0	0	0	0	0	0	0	0	0	0	0