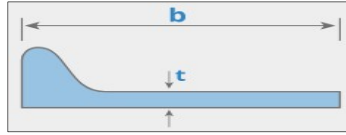


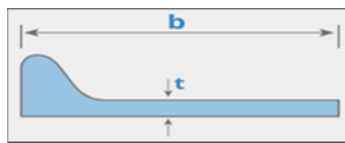
Bulb Flat Weight Calculation



Size	Length.	Pcs/	Ft/	M Ton/	Lbs/	Lbs/	Lbs/
b * t (mm)	Ft	Bdl	Bdl	Bdl	Bdl	Ft	Pcs.
80 x 5	40	15	600	0.778	1715.194	2.859	114.346
80 x 6	40	15	600	0.893	1968.726	3.281	131.248
100 x 6	40	15	600	1.113	2453.742	4.090	163.583
100 x 7	40	15	600	1.255	2766.798	4.611	184.453
100 x 8	40	15	600	1.400	3086.468	5.144	205.765
120 x 6	40	15	600	1.340	2954.191	4.924	196.946
120 x 7	40	15	600	1.512	3333.385	5.556	222.226
120 x 8	40	15	600	1.684	3712.580	6.188	247.505
140 x 7	40	15	600	1.784	3933.042	6.555	262.203
140 x 8	40	15	600	1.986	4378.375	7.297	291.892
140 x 9	40	15	600	2.187	4821.504	8.036	321.434
140 x 10	40	15	600	2.388	5264.633	8.774	350.976
160 x 7	40	15	600	2.097	4623.088	7.705	308.206
160 x 8	40	15	600	2.328	5132.355	8.554	342.157
160 x 9	40	15	600	2.557	5637.213	9.395	375.814
160 x 10	40	15	600	2.784	6137.662	10.229	409.177
160 x 11	40	15	600	3.018	6653.543	11.089	443.570
180 x 8	40	15	600	2.708	5970.111	9.950	398.007
180 x 9	40	15	600	2.968	6543.312	10.906	436.221
180 x 10	40	15	600	3.226	7112.104	11.854	474.140
180 x 11	40	15	600	3.484	7680.896	12.801	512.060
200 x 9	40	10	400	2.266	4995.669	12.489	499.567
200 x 10	40	10	400	2.457	5416.751	13.542	541.675
200 x 11	40	10	400	2.649	5840.038	14.600	584.004
200 x 12	40	10	400	2.84	6261.121	15.653	626.112
220 x 10	40	10	400	2.778	6124.434	15.311	612.443
220 x 11	40	10	400	2.989	6589.609	16.474	658.961
220 x 12	40	10	400	3.199	7052.579	17.631	705.258
240 x 10	40	10	400	3.111	6858.573	17.146	685.857
240 x 11	40	10	400	3.342	7367.840	18.420	736.784
240 x 12	40	10	400	3.571	7872.698	19.682	787.270
260 x 10	40	10	400	3.459	7625.781	19.064	762.578

Size	Length.	Pcs/	Ft/	M Ton/	Lbs/	Lbs/	Lbs/
b * t (mm)	Ft	Bdl	Bdl	Bdl	Bdl	Ft	Pcs.
260 x 11	40	10	400	3.708	8174.731	20.437	817.473
260 x 12	40	10	400	3.956	8721.477	21.804	872.148
280 x 10	40	10	400	3.819	8419.444	21.049	841.944
280 x 11	40	10	400	4.087	9010.282	22.526	901.028
280 x 12	40	10	400	4.355	9601.120	24.003	960.112
280 x 13	40	10	400	4.624	10194.163	25.485	1019.416
300 x 11	40	8	320	3.582	7896.949	24.678	987.119
300 x 12	40	8	320	3.815	8410.625	26.283	1051.328
300 x 13	40	8	320	4.045	8917.688	27.868	1114.711
320 x 12	40	6	240	3.118	6874.005	28.642	1145.668
320 x 13	40	6	240	3.301	7277.451	30.323	1212.908
320 x 14	40	6	240	3.484	7680.896	32.004	1280.149
340 x 13	40	6	240	3.577	7885.926	32.858	1314.321
340 x 14	40	6	240	3.77	8311.417	34.631	1385.236
370 x 13	40	4	160	2.669	5884.131	36.776	1471.033
370 x 14	40	4	160	2.811	6197.187	38.732	1549.297
370 x 15	40	4	160	2.952	6508.038	40.675	1627.010
400 x 14	40	4	160	3.121	6880.619	43.004	1720.155
400 x 15	40	4	160	3.274	7217.926	45.112	1804.481
400 x 16	40	4	160	3.426	7553.028	47.206	1888.257
430 x 14	40	4	160	3.445	7594.916	47.468	1898.729
430 x 15	40	4	160	3.606	7949.860	49.687	1987.465
430 x 17	40	4	160	3.938	8681.794	54.261	2170.448
430 x 19	40	3	120	3.199	7052.579	58.771	2350.860
430 x 20	40	3	120	3.323	7325.952	61.050	2441.984

BULB FLAT



- Standard: GB/T9945-2001 (Hot-rolled Flat Steel)
- Use: Hull Structure, Bridge Structure
- Grade: A, B, AH32, AH36
- Scope: HP80 ~ HP430
- ABS, LR, DNV, CCS, BV, GL, RINA, NK, and KR approved