

PRODUCT SPECIFICATIONS



TotalGrow Multi-HI 170, 240, 320, 340, 480, 640, and 720
TG17B, TG24B, TG32B, TG34B, TG48B, TG66B, and TG72B

Item	TG17B	TG24B	TG32B	TG34B	TG48B	TG66B	TG72B
Product Type	TotalGrow™ Multi-Bar High Intensity Light	TotalGrow™ Multi-Bar High Intensity Light	TotalGrow™ Multi-Bar High Intensity Light	TotalGrow™ Multi-Bar High Intensity Light	TotalGrow™ Multi-Bar High Intensity Light	TotalGrow™ Multi-Bar High Intensity Light	TotalGrow™ Multi-Bar High Intensity Light
Number of Light Bars	2	3	4	4	6	8	8
180° Hinge	No	No	No	Yes	Yes	Yes	Yes
Typical Height Over Canopy	12"	6-12"	6"	12"	6-12"	6"	6"
Standard Output Model	TG17B-203- 24-D1-60BF6	TG24B-203- 24-D1-60BD6	TG32B-203- 24-D1-60BD6	TG34B-203- 24-D1-60BE6	TG48B-203- 24-D1-60BE6	TG66B-203- 24-D1-60BE6	TG72B-203- 24-D1-60BE6
Standard Output Efficacy ($\mu\text{mole}/\text{J}$) ¹	2.5	2.5	2.5	2.5	2.5	2.5	2.6
Standard Output Flux ($\mu\text{mol}/\text{s}$) ¹	420	590	790	840	1180	1580	1850
Max PPFD in 4'x4' space ($\mu\text{mol}/\text{m}^2/\text{s}$) ¹	280	400	530	560	790	1060	1240
High Output Model	TG17B-213- 26-D1-60BF6	TG24B-213- 26-D1-60BD6	TG32B-213- 26-D1-60BD6	TG34B-213- 26-D1-60BE6	TG48B-213- 26-D1-60BE6	TG66B-213- 26-D1-60BE6	TG72B-213- 26-D1-60BE6
High Output Efficacy ($\mu\text{mole}/\text{J}$) ¹	2.7	2.7	2.7	2.7	2.7	2.7	2.8
High Output Flux ($\mu\text{mol}/\text{s}$) ¹	450	640	850	900	1280	1700	2000

Max PPFD in 4'x4' space ($\mu\text{mol}/\text{m}^2/\text{s}$) ¹	300	430	570	610	860	1140	1350
Max. Fixture Power Consumption	170W	240W	320W	340W	480W	640W	720W
Input Voltage	100 to 277 VAC	100 to 277 VAC	100 to 277 VAC	100 to 277 VAC	100 to 277 VAC	100 to 277 VAC	100 to 277 VAC
Input Current at 115 / 230 / 277 VAC	1.5 / 0.7 / 0.6 A	2.1 / 1.0 / 0.9 A	2.8 / 1.4 / 1.2 A	3.0 / 1.5 / 1.2 A	4.2 / 2.1 / 1.7 A	5.6 / 2.8 / 2.3 A	6.3 / 3.1 / 2.6 A
Power Frequency of Driver	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
Dimming	0-10 VDC	0-10 VDC	0-10 VDC	0-10 VDC	0-10 VDC	0-10 VDC	0-10 VDC
Power Factor (PF)	>0.90	>0.90	>0.90	>0.90	>0.90	>0.90	>0.90
Daisy-Chain Series Limit at 120 / 240V	6 / 13	5 / 9	4 / 7	4 / 7	3 / 5	2 / 4	2 / 4
Operating Temperature	0F to 110F	0F to 110F	0F to 110F	0F to 110F	0F to 110F	0F to 110F	0F to 110F
Service Life ²	50,000 hours	50,000 hours	50,000 hours	50,000 hours	50,000 hours	50,000 hours	50,000 hours
Light Fixture - Height (inches)	2	2	2	2	2	2	2
Light Fixture - Width (inches)	14	18	21.1	38	43	43	43
Light Fixture - Length (inches)	42	47	47	42	42	42	42
Light Fixture - Weight (pounds)	8	10	13	16	19	23	23
Standard Package - Height (inches)	4.5	4.5	4.5	6.5	6.5	6.5	6.5
Standard Package - Width (inches)	20	24	27.2	27.2	27.2	27.2	27.2
Standard Package - Length (inches)	44.5	49.5	49.5	44.5	44.5	44.5	44.5
Standard Package - Weight (pounds)	13	16	19	23	27	31	31

Notes:

1. Readings based on instantaneous measurements at 25C
2. Service life represents the number of hours when 50% of a group of identical light fixtures reaches 70%+ of its initial lumens at the given service temperature.