

Philips GreenPower LED Lighting for Horticulture

North America | October 2021



Philips GreenPower LED Toplighting Linear

Length	1.26 m · 49.8 in	Beam angle	120°	Ambient operating temp	0° C Min. · 40° C Max
Width	5.5 cm · 2.2 in	L90	36,000 hrs	Frequency	40° F Min. · 104° F Max
Height	8.0 cm · 3.2 in	L70	50,000 hrs	Power factor	50/60 Hz
Weight	3.2 kg · 7.1 lb	Warranty	5 year limited	Total harmonic distortion	> 0.95
Input voltage	200V – 400V	UL/CSA rated	Damp/wet		< 15%
	277V – 400V	IP rating	IP66		

Philips LED Toplighting Linear 2.2 Regular Output Static 200V – 400V

Description	12nc	Power (W)	Amps 208V	Amps 240V	Amps 277V	Amps 347V	Photon Flux $\mu\text{mol/s}$	Efficacy $\mu\text{mol/J}$
GPL TLL 550 DRB_LB 200-400V 2.2S	9290 021 00459	155	0.75	0.65	0.56	0.45	550	3.5
GPL TLL 550 DRB_MB 200-400V 2.2S	9290 021 00460	160	0.77	0.67	0.58	0.46	550	3.4
GPL TLL 520 DRB_HB 200-400V 2.2S	9290 021 00461	160	0.77	0.67	0.58	0.46	520	3.3
GPL TLL 520 DRW_LB 200-400V 2.2S	9290 021 00462	155	0.75	0.65	0.56	0.45	520	3.4
GPL TLL 520 DRW_MB 200-400V 2.2S	9290 021 00463	160	0.77	0.67	0.58	0.46	520	3.3
GPL TLL 550 DRWFR_2 200-400V 2.2S	9290 021 00464	175	0.84	0.73	0.63	0.50	500	2.9
GPL TLL 500 DRW_VSN2 200-400V 2.2S	9290 021 00465	200	0.96	0.83	0.72	0.58	500	2.5

Philips LED Toplighting Linear 2.2 High Output Static and Dimmable 277V – 400V

Description	12nc	Power (W)	Amps 277V	Amps 347V	Photon Flux $\mu\text{mol/s}$	Efficacy $\mu\text{mol/J}$
GPL TLL 800 DRB_LB 277-400V 2.2D	9290 021 00455	230	0.83	0.66	800	3.5
GPL TLL 800 DRW_LB 277-400V 2.2D	9290 021 00456	250	0.90	0.72	800	3.2
GPL TLL 800 DRW_MB 277-400V 2.2D	9290 021 00457	250	0.90	0.72	800	3.2
GPL TLL 630 DRW_VSN2 277-400V 2.2D	9290 021 00458	250	0.90	0.72	630	2.5

Toplighting Linear Dimmable requires Philips GrowWise Control Systems (GWCS)

Accessories	12 NC
TL Mounting Bracket (C-profile)	9290 015 08106
TL Mounting Bracket TRE 50 (Trellis 50 mm)	9290 016 79306
TL Mounting Bracket TRE 60 (Trellis 60 mm)	9290 016 79406
TL Jumper Cable (2.0 m / 6.6 ft)	9290 015 08206
TL Jumper Cable (1.0 m / 3.3 ft)	9290 015 55806
TL Mains Power Cable (2.0 m / 6.6 ft pre-assembled)	9290 015 16206
End Cap (universal)	9290 009 15606
TL Male Connector	9290 009 15406
TL Female Connector	9290 009 15506