



Philips GreenPower LED Toplighting Linear 2.1

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

Philips GreenPower LED Toplighting Linear 2.1 Regular Output (RO)

Description	12nc	Power	Amps 208V	Amps 240V	Amps 277V	Amps 347V	Photon Flux $\mu\text{mol/s}$	High Efficacy $\mu\text{mol/J}$
GPL toplight_2.1 DR/B LB 200-400V RO	9290 016 59206	175	0.82	0.71	0.61	0.49	550	3.1
GPL toplight_2.1 DR/B MB 200-400V RO	9290 016 59306	180	0.84	0.73	0.63	0.50	550	3.1
GPL toplight_2.1 DR/B HB 200-400V RO	9290 016 59406	175	0.84	0.73	0.63	0.50	520	3.0
GPL toplight_2.1 DR/W LB 200-400V RO	9290 016 59506	170	0.82	0.71	0.61	0.49	520	3.1
GPL toplight_2.1 DR/W MB 200-400V RO	929001659606	175	0.84	0.73	0.63	0.50	520	3.0
GPL toplight_2.1 DR/W HB 200-400V RO	9290 016 59706	180	0.87	0.75	0.65	0.52	520	2.9
GPL toplight_2.1 DR/W/FR_2MB 200-400V RO	9290 016 59806	190	0.89	0.77	0.67	0.53	500	2.6

Philips GreenPower LED Toplighting Linear 2.1 High Output

Toplighting Linear 2.1 High Output	12 NC	Power (W)	Amps 277V	Amps 347V	Photon Flux $\mu\text{mol/s}$	High Efficacy $\mu\text{mol/J}$
GPL toplight_2.1 DR/B LB 277-400V HO	9290 016 60006	265	0.96	0.76	800	3.0
GPL toplight_2.1 DR/W LB 277-400V HO	9290 016 58706	275	0.99	0.79	800	2.9
GPL toplight_2.1 DR/W MB 277-400V HO	9290 016 58806	285	1.03	0.82	800	2.8
GPL toplight_2.1 DRW VSN2 277-400V HO	9290 021 00143	265	0.96	0.76	630	2.4

* Specifications for Toplighting High Output are same specs as Toplighting Regular Output **except** input voltage of 277V - 400V

Philips GreenPower LED Toplighting Linear 2.1 Dimmable*

Description	12nc	Power (W)	Photon Flux $\mu\text{mol/s}$	High Efficacy $\mu\text{mol/J}$
GPL toplight_2.1 CMD DR/B LB 277-400V	929 001 658906	25-265	80-800	3.0
GPL toplight_2.1 CMD DR/W LB 277-400V	9290 016 59006	26-275	80-800	2.9
GPL toplight_2.1 CMD DR/W MB 277-400V	9290 016 59106	27-285	80-800	2.8

*Toplighting Linear Dimmable requires Philips GrowWise Control Systems (GWCS)

Toplighting Linear 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

Toplighting Linear Accessories	12 NC
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