

Philips GreenPower LED Lighting for Horticulture

North America | December 2023



Philips GreenPower LED Gridlighting 1.1

Length	1.13 m • 44.5 in	Beam angle	120°	Ambient operating temp	0° C Min. • 40° C Max 32° F Min. • 104° F Max
Width	1.13 m • 44.5 in	Q90	50,000 hrs	Frequency	50/60 Hz
Height	0.07 m • 2.75 in	Warranty	5 year limited	Power factor	> 0.95
Weight	12.5 kg • 27.55 lb	UL/CSA rated	Damp/wet	Total harmonic distortion	< 15%
Input Voltage	120V – 277V	IP rating	IP66	Dimmable	10% – 100%

120V – 277V

Description	12nc	Power (W)	Amps 120V	Amps 208V	Amps 240V	Amps 277V	Photon Flux $\mu\text{mol/s}$	Efficacy $\mu\text{mol/J}$
GPL GL 1700 DRW_VSN2 120-277V 1.1D	9290 021 00948	640	5.3	3.08	2.66	2.31	1700	2.7
GPL GL 1900 DRW_EBW 120-277V 1.1D	9290 021 00949	640	5.3	3.08	2.66	2.31	1900	3.0

347V – 480V

Description	12nc	Power (W)	Amps 347V	Amps 400V	Amps 480V	Photon Flux $\mu\text{mol/s}$	Efficacy $\mu\text{mol/J}$
GPL GL 1900 DRW_EBW 347-480V 1.1D NA	9290 021 00950	640	1.84	1.60	1.33	1900	3.0
GPL GL 1700 DRW_VSN2 347-480V 1.1D NA	9290 021 00951	640	1.84	1.60	1.33	1700	2.7

277V – 480V

Description	12nc	Power (W)	Amps 277V	Amps 347V	Amps 400V	Amps 480V	Photon Flux $\mu\text{mol/s}$	Efficacy $\mu\text{mol/J}$
GPL GL 900 DRWMB 277-480V 1.1D NA	9290 021 00952	275	0.99	0.79	0.69	0.57	900	3.3



Philips GreenPower LED Toplighting Linear 2.2

Length	1.26 m • 49.8 in	Beam angle	120°	Ambient operating temp	0° C Min. • 40° C Max 32° F Min. • 104° F Max
Width	5.5 cm • 2.2 in	Q90	36,000 hrs	Frequency	50/60 Hz
Height	8.0 cm • 3.2 in	Warranty	5 year limited	Power factor	> 0.95
Weight	3.2 kg • 7.1 lb	UL/CSA rated	Damp/wet	Total harmonic distortion	< 15%
Input voltage	200V – 400V 277V – 400V	IP rating	IP66	Dimmable*	10% – 100%

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 500 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

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 2.2 High Output modules are dimmable with Philips GrowWise Control Systems (GWCS) or Philips Adapter 0–10V



Philips GreenPower LED Toplighting Compact 1.3

Length	72 cm • 28.4 in	Beam angle	Wide 150°	Ambient operating temp	0° C Min. • 40° C Max
Width	24 cm • 9.4 in	Q95	Standard 120°	Frequency	32° F Min. • 104° F Max
Height	9 cm • 3.5 in	Warranty	36,000 hrs	Power factor	> 0.98
Weight	10.5 kg • 23.1 lb	UL/CSA rated	5 year limited	Total harmonic distortion	< 15%
Input voltage	200V – 400V	IP rating	Damp/wet	Dimmable*	10% – 100%
	277V – 400V		IP66		

200V – 400V

Description	12 NC Pallet of 40	12 NC Single unit	Power (W)	Amps 208V	Amps 240V	Amps 277V	Amps 347V	Photon Flux (μmol/s)	Efficacy (μmol/J)
GPL TLC 1900 DRB_LB 200-400V 1.3D WB xP	9290 021 00886	9290 021 00887	520	2.50	2.17	1.88	1.50	1900	3.7
GPL TLC 1900 DRB_LB 200-400V 1.3D SB xP	9290 021 00884	9290 021 00885	520	2.50	2.17	1.88	1.50	1900	3.7
GPL TLC 1850 DRWFR_5 200-400V 1.3D SB xP	9290 021 00882	9290 021 00883	520	2.50	2.17	1.88	1.50	1850	3.6
GPL TLC 1850 DRW2_LB 200-400V 1.3D SB xP	9290 021 00880	9290 021 00881	520	2.50	2.17	1.88	1.50	1850	3.6
GPL TLC 1825 DRW_LB 200-400V 1.3D WB xP	9290 021 00878	9290 021 00879	520	2.50	2.17	1.88	1.50	1825	3.5
GPL TLC 1800 DRW_LB 200-400V 1.3D SB xP	9290 021 00876	9290 021 00877	520	2.50	2.17	1.88	1.50	1800	3.5
GPL TLC 1775 DRW2_LB 200-400V 1.3D WB xP	9290 021 00874	9290 021 00875	520	2.50	2.17	1.88	1.50	1775	3.4
GPL TLC 1775 DRW_MB 200-400V 1.3D WB xP	9290 021 00872	9290 021 00873	520	2.50	2.17	1.88	1.50	1775	3.4
GPL TLC 1750 DRW_MB 200-400V 1.3D SB xP	9290 021 00870	9290 021 00871	520	2.50	2.17	1.88	1.50	1750	3.4
GPL TLC 1750 DRWFR_RSE 200-400V 1.3DSB xP	9290 021 00868	9290 021 00869	520	2.50	2.17	1.88	1.50	1750	3.4
GPL TLC 1750 DRWFR_1 200-400V 1.3D WB xP	9290 021 00866	9290 021 00867	520	2.50	2.17	1.88	1.50	1750	3.4
GPL TLC 1750 DRWFR_1 200-400V 1.3D SB xP	9290 021 00864	9290 021 00865	520	2.50	2.17	1.88	1.50	1750	3.4
GPL TLC 1830 DRW_EBW 200-400V 1.3D SB xP	9290 021 00888	9290 021 00889	600	2.88	2.50	2.17	1.73	1830	3.1
GPL TLC 1650 DRW_VSN2 200-400V 1.3D SB xP	9290 021 00860	9290 021 00861	600	2.88	2.50	2.17	1.73	1650	2.8

277V – 400V

Description	12 NC Pallet of 40	12 NC Single unit	Power (W)	Amps 277V	Amps 347V	Photon Flux (μmol/s)	Efficacy (μmol/J)
GPL TLC 2400 DRB_LB 277-400V 1.3D SB xP	9290 021 00961	9290 021 00962	700	2.53	2.02	2400	3.4
GPL TLC 2350 DRW_MB 277-400V 1.3D SB xP	9290 021 00959	9290 021 00960	730	2.64	2.10	2350	3.2
GPL TLC 2350 DRW_LB 277-400V 1.3D SB xP	9290 021 00957	9290 021 00958	720	2.60	2.07	2350	3.3
GPL TLC 2050 DRWFR_1 277-400V 1.3D SB xP	9290 021 00955	9290 021 00956	660	2.38	1.90	2050	3.1
GPL TLC 2650 DRB_LB 277-400V 1.3D SB xP	9290 021 00923	9290 021 00924	750	2.71	2.16	2650	3.5
GPL TLC 2600 DRW_LB 277-400V 1.3D SB xP	9290 021 00921	9290 021 00922	770	2.78	2.22	2600	3.4
GPL TLC 2550 DRW_MB 277-400V 1.3D SB xP	9290 021 00919	9290 021 00920	780	2.82	2.25	2550	3.3
GPL TLC 2500 DRWFR_5 277-400V 1.3D SB xP	9290 021 00917	9290 021 00918	745	2.69	2.15	2500	3.4
GPL TLC 2500 DRW2_LB 277-400V 1.3D SB xP	9290 021 00915	9290 021 00916	750	2.71	2.16	2500	3.3
GPL TLC 2300 DRWFR_RSE 277-400V 1.3DSB xP	9290 021 00913	9290 021 00914	700	2.53	2.02	2300	3.3
GPL TLC 2300 DRWFR_1 277-400V 1.3D SB xP	9290 021 00911	9290 021 00912	700	2.53	2.02	2300	3.3
GPL TLC 2275 DRB_LB 277-400V 1.3D WB xP	9290 021 00909	9290 021 00910	645	2.33	1.86	2275	3.5
GPL TLC 2275 DRB_LB 277-400V 1.3D SB xP	9290 021 00907	9290 021 00908	645	2.33	1.86	2275	3.5
GPL TLC 2200 DRW_LB 277-400V 1.3D WB xP	9290 021 00905	9290 021 00906	645	2.33	1.86	2200	3.4
GPL TLC 2200 DRW_LB 277-400V 1.3D SB xP	9290 021 00903	9290 021 00904	645	2.33	1.86	2200	3.4
GPL TLC 2150 DRWFR_3 277-400V 1.3D SB xP	9290 021 00901	9290 021 00902	700	2.53	2.02	2150	3.1
GPL TLC 2125 DRW2_LB 277-400V 1.3D WB xP	9290 021 00898	9290 021 00899	645	2.33	1.86	2125	3.3
GPL TLC 2125 DRW_MB 277-400V 1.3D WB xP	9290 021 00896	9290 021 00897	645	2.33	1.86	2125	3.3
GPL TLC 2125 DRW_MB 277-400V 1.3D SB xP	9290 021 00894	9290 021 00895	645	2.33	1.86	2125	3.3
GPL TLC 2100 DRWFR_1 277-400V 1.3D WB xP	9290 021 00892	9290 021 00893	645	2.33	1.86	2100	3.3
GPL TLC 1925 DRW_EBW 277-400V 1.3D SB xP	9290 021 00890	9290 021 00891	645	2.33	1.86	1925	3.0
GPL TLC 1750 DRW_VSN2 277-400V 1.3D SB xP	9290 021 00862	9290 021 00863	645	2.33	1.86	1750	2.7

x can be either S (single pack) or M (multi-pack, pallet of 40)

* All Toplighting Compact 1.3 modules are dimmable with Philips GrowWise Control Systems (GWCS) or Philips Adapter 0-10V



Philips GreenPower LED Toplighting Force 1.2

Length
Width
Height
Weight
Input voltage
Beam angle

69 cm • 27.2 in
31 cm • 12.2 in
11.2 cm • 4.4 in
10.5 kg • 23.1 lb
277V–400V
Wide 150°
Standard 120°

Q95
Warranty
UL/CSA Rating
IP Rating
Ambient Operating Temp

36,000 hrs
5 year limited
Damp/wet
IP66
0° C min • 40, C max
32° F min • 104° F max

Frequency
Power Factor
Total harmonic distortion
Dimmable*

50/60 Hz
0.98
< 15%
10% – 100%

277V

Description	12 NC Pallet of 40	12 NC Single unit	Power (W)	Amps 277V	Photon Flux ($\mu\text{mol/s}$)	Efficacy ($\mu\text{mol/J}$)
GPL TLF 3650 DRB_LB 277V 1.2D SB xP	9290 021 00854	9290 021 00855	1040	3.75	3650	3.5
GPL TLF 3600 DRB_LB 277V 1.2D WB xP	9290 021 00848	9290 021 00849	1040	3.75	3600	3.5
GPL TLF 3450 DRW_LB 277V 1.2D SB xP	9290 021 00842	9290 021 00843	1020	3.68	3450	3.4
GPL TLF 3400 DRW_LB 277V 1.2D WB xP	9290 021 00836	9290 021 00837	1020	3.68	3400	3.3
GPL TLF 3250 DRW_MB 277V 1.2D SB xP	9290 021 00830	9290 021 00831	1000	3.61	3250	3.3
GPL TLF 3200 DRW_MB 277V 1.2D WB xP	9290 021 00824	9290 021 00825	1000	3.61	3200	3.2
GPL TLF 3100 DRWFR_1 277V 1.2D SB xP	9290 021 00814	9290 02100815	950	3.43	3100	3.3
GPL TLF 3000 DRWFR_1 277V 1.2D WB xP	9290 021 00804	9290 02100805	950	3.43	3000	3.2
GPL TLF 2500 DRW_EBW 277V 1.2D SB xP	9290 021 00775	9290 02100776	840	3.03	2500	3.0
GPL TLF 2100 DRW_VSN2 277V 1.2D SB xP	9290 021 00769	9290 02100770	790	2.85	2100	2.7

347V

Description	12 NC Pallet of 40	12 NC Single unit	Power (W)	Amps 347V	Photon Flux ($\mu\text{mol/s}$)	Efficacy ($\mu\text{mol/J}$)
GPL TLF 3650 DRB_LB 347V 1.2D SB xP	9290 021 00856	9290 021 00857	1040	3.00	3650	3.5
GPL TLF 3600 DRB_LB 347V 1.2D WB xP	9290 021 00850	9290 021 00851	1040	3.00	3600	3.5
GPL TLF 3450 DRW_LB 347V 1.2D SB xP	9290 021 00844	9290 021 00845	1020	2.94	3450	3.4
GPL TLF 3400 DRW_LB 347V 1.2D WB xP	9290 021 00838	9290 021 00839	1020	2.94	3400	3.3
GPL TLF 3250 DRW_MB 347V 1.2D SB xP	9290 021 00832	9290 021 00833	1000	2.88	3250	3.3
GPL TLF 3200 DRW_MB 347V 1.2D WB xP	9290 021 00826	9290 021 00827	1000	2.88	3200	3.2
GPL TLF 3100 DRWFR_1 347V 1.2D SB xP	9290 021 00816	9290 021 00817	950	2.74	3100	3.3
GPL TLF 3000 DRWFR_1 347V 1.2D WB xP	9290 021 00806	9290 021 00807	950	2.74	3000	3.2
GPL TLF 2500 DRW_EBW 347V 1.2D SB xP	9290 021 00777	9290 021 00778	840	2.42	2500	3.0
GPL TLF 2100 DRW_VSN2 347V 1.2D SB xP	9290 021 00771	9290 021 00772	790	2.28	2100	2.7

400V

Description	12 NC Pallet of 40	12 NC Single unit	Power (W)	Amps 400V	Photon Flux ($\mu\text{mol/s}$)	Efficacy ($\mu\text{mol/J}$)
GPL TLF 3650 DRB_LB 400V 1.2D SB xP	9290 021 00858	9290 021 00859	1040	2.60	3650	3.5
GPL TLF 3600 DRB_LB 400V 1.2D WB xP	9290 021 00852	9290 021 00853	1040	2.60	3600	3.5
GPL TLF 3450 DRW_LB 400V 1.2D SB xP	9290 021 00846	9290 021 00847	1020	2.55	3450	3.4
GPL TLF 3400 DRW_LB 400V 1.2D WB xP	9290 021 00840	9290 021 00841	1020	2.55	3400	3.3
GPL TLF 3250 DRW_MB 400V 1.2D SB xP	9290 021 00834	9290 021 00835	1000	2.50	3250	3.3
GPL TLF 3200 DRW_MB 400V 1.2D WB xP	9290 021 00828	9290 021 00829	1000	2.50	3200	3.2
GPL TLF 3100 DRWFR_RSE 400V 1.2D SB xP	9290 021 00822	9290 021 00823	950	2.38	3100	3.3
GPL TLF 3100 DRWFR_5 400V 1.2D SB xP	9290 021 00820	9290 021 00821	950	2.38	3100	3.3
GPL TLF 3100 DRWFR_1 400V 1.2D SB xP	9290 021 00818	9290 021 00819	950	2.38	3100	3.3
GPL TLF 3050 DRW2_LB 400V 1.2D SB xP	9290 021 00812	9290 021 00813	910	2.28	3050	3.4
GPL TLF 3000 DRWFR_5 400V 1.2D WB xP	9290 021 00810	9290 021 00811	950	2.38	3000	3.2
GPL TLF 3000 DRWFR_1 400V 1.2D WB xP	9290 021 00808	9290 021 00809	950	2.38	3000	3.2
GPL TLF 3000 DRW2_LB 400V 1.2D WB xP	9290 021 00802	9290 021 00803	910	2.28	3000	3.3
GPL TLF 2850 DRB_LB 400V 1.2D SB xP	9290 021 00799	9290 021 00801	780	1.95	2850	3.7
GPL TLF 2800 DRW_MB 400V 1.2D SB xP	9290 021 00797	9290 021 00798	820	2.05	2800	3.4
GPL TLF 2800 DRW_LB 400V 1.2D SB xP	9290 021 00795	9290 021 00796	800	2.00	2800	3.5
GPL TLF 2800 DRB_LB 400V 1.2D WB xP	9290 021 00793	9290 021 00794	780	1.95	2800	3.6
GPL TLF 2750 DRWFR_5 400V 1.2D SB xP	9290 021 00791	9290 021 00792	820	2.05	2750	3.4
GPL TLF 2750 DRWFR_1 400V 1.2D SB xP	9290 021 00789	9290 021 00790	820	2.05	2750	3.4
GPL TLF 2750 DRW_MB 400V 1.2D WB xP	9290 021 00787	9290 021 00788	820	2.05	2750	3.4
GPL TLF 2750 DRW_LB 400V 1.2D WB xP	9290 021 00785	9290 021 00786	800	2.00	2750	3.4
GPL TLF 2700 DRWFR_1 400V 1.2D WB xP	9290 021 00783	9290 021 00784	820	2.05	2700	3.3
GPL TLF 2700 DRWFR_5 400V 1.2D WB xP	9290 021 00781	9290 021 00782	820	2.05	2700	3.3
GPL TLF 2500 DRW_EBW 400V 1.2D SB xP	9290 021 00779	9290 021 00780	840	2.10	2500	3.0
GPL TLF 2100 DRW_VSN2 400V 1.2D SB xP	9290 021 00773	9290 021 00774	790	1.98	2100	2.7

x can be either S (single pack) or M (multi-pack, pallet of 40)

* 277V, 347V, and 400V Toplighting Force 1.2 modules are dimmable with Philips GrowWise Control Systems (GWCS)



Philips GreenPower LED Production Module 3.1

	1.2 m	1.5 m	2.4 m
Length	1.2 m • 47.2 in	1.5 m • 59.0 in	2.4 m • 94.5 in
Width	5.6 cm • 2.2 in	5.6 cm • 2.2 in	5.6 cm • 2.2 in
Height	4.4 cm • 1.73 in	4.4 cm • 1.73 in	4.4 cm / 1.73 in
Weight	1.25 kg • 2.76 lbs	1.45 kg • 3.20 lbs	2.05 kg • 4.52 lbs

Input voltage	120V - 277V
Beam angle	140°
Q95	36,000 hrs
Warranty	5 year limited
UL/CSA rated	Damp/wet
IP Rating	IP66

Ambient operating temp	0° C Min. • 40° C Max 32° F Min. • 104° F Max
Frequency	50/60 Hz
Power factor	> 0.90
Total harmonic distortion	< 0.10

3.1 Static and Dynamic

Description (1.2 m)	12 NC	Static Power	Dynamic Power (max)	Amps 120V max	Amps 208V max	Amps 240V max	Amps 277V max	Photon Flux $\mu\text{mol/s}$	High Efficacy $\mu\text{mol/J}$ (static)
GPL PM 168 DRW_LB L120 3.1 NA	9290 021 00552	58	70	0.58	0.34	0.29	0.25	168	2.9
GPL PM 168 DRB_LB L120 3.1 NA	9290 021 00553	51	70	0.58	0.34	0.29	0.25	168	3.3
GPL PM 168 DRB_HB L120 3.1 NA	9290 021 00554	56	70	0.58	0.34	0.29	0.25	168	3.0
GPL PM 168 DRWFR_LB L120 3.1 NA	9290 021 00555	58	70	0.58	0.34	0.29	0.25	168	2.9
GPL PM 168 DRBFR_LB L120 3.1 NA	9290 021 00556	51	70	0.58	0.34	0.29	0.25	168	3.3
Description (1.5 m)									
GPL PM 280 DRBFR L150 3.1 SB NA	9290 021 00551	87	88	0.73	0.42	0.37	0.32	280	3.2
GPL PM 210 DRB_LB L150 3.1 NA	9290 021 00557	64	88	0.73	0.42	0.37	0.32	210	3.3
GPL PM 210 DRB_HB L150 3.1 NA	9290 021 00558	70	88	0.73	0.42	0.37	0.32	210	3.0
GPL PM 210 DRW_LB L150 3.1 NA	9290 021 00559	73	88	0.73	0.42	0.37	0.32	210	2.9
GPL PM 210 DRWFR_LB L150 3.1 NA	9290 021 00560	73	88	0.73	0.42	0.37	0.32	210	2.9
GPL PM 210 DRBFR_LB L150 3.1 NA	9290 021 00561	64	88	0.73	0.42	0.37	0.32	210	3.3
Description (2.4 m)									
GPL PM 210 DRBFR_LB L240 3.1 NA	9290 021 00562	64	88	0.73	0.42	0.37	0.32	210	3.3

Production Module Dynamic requires Philips GrowWise Control Systems (GWCS)

3.1 Dynamic

Description (1.2 m)	12 NC	Dynamic Power (max)	Amps 120V max	Amps 208V max	Amps 240V max	Amps 277V max	Photon Flux $\mu\text{mol/s}$	Efficacy $\mu\text{mol/J}$ (static)
GPL PM 168 DRBWFR_R L120 3.1 C4 NA	9290 021 00563	70	0.58	0.34	3.43	0.25	168	2.4
GPL PM 168 DRBWFR L120 3.1 C4 NA	9290 021 00565	70	0.58	0.34	3.43	0.25	168	2.4
Description (1.5 m)								
GPL PM 210 DRBWFR_R L150 3.1 C4 NA	9290 021 00564	88	0.73	0.42	2.73	0.32	210	2.4
GPL PM 210 DRBWFR L150 3.1 C4 NA	9290 021 00566	88	0.73	0.42	2.73	0.32	210	2.4
Description (2.4 m)								
GPL PM 210 DRBWFR L240 3.1 C4 NA	9290 021 00567	88	0.73	0.42	2.73	0.32	210	2.4

Production Module Dynamic requires Philips GrowWise Control Systems (GWCS)



Philips GreenPower LED Interlighting 3.1 & 3.2

Length	2.0 m 1.95 m • 76.7 in	2.5 m 2.42 m • 95.3 in	Input voltage	200V – 400V	Ambient operating temp	0° C Min. • 40° C Max
Width	6.5 cm • 2.6 in	6.5 cm • 2.6 in	Beam angle	Bi-directional 120°	Frequency	32° F Min. • 104° F Max
Height	7.6 cm • 3.0 in	7.6 cm • 3.0 in	Q90	36,000 hrs	Power factor	50/60 Hz
Weight	2.2 kg • 4.9 lb	2.5 kg • 5.5 lb	Warranty	5 year limited	Total harmonic distortion	> 0.90
			UL/CSA rated	Damp/wet		<10%
			IP rating	IP66		

3.1 High Output (HO) 200V – 400V

Description	12 NC	Power (W)	Amps 208V	Amps 240V	Amps 277V	Amps 347V	Photon Flux $\mu\text{mol/s}$	Efficacy $\mu\text{mol/J}$
GPL IL 300 DRB L250 200-400V G3.1 S NA	9290 021 00154	92	0.44	0.38	0.33	0.26	300	3.3
GPL IL 240 DRB L200 200-400V G3.1 S NA	9290 021 00155	74	0.36	0.31	0.27	0.21	240	3.2

3.2 Extra High Output (EHO) 277V – 400V

Description	12 NC	Power (W)	Amps 277V	Amps 347V	Photon Flux $\mu\text{mol/s}$	Efficacy $\mu\text{mol/J}$
GPL IL 440 DRB L250 277-400V 3.2S NA	9290 021 00644	126	0.46	0.36	440	3.5
GPL IL 350 DRB L200 277-400V 3.2S NA	9290 021 00646	100	0.36	0.29	350	3.5



Philips GreenPower LED Flowering Lamp

Length	12.7 cm • 5.0 in	Beam angle:	110°	IP rating	IP44
Width	12.7 cm • 5.0 in	Q90	25,000 hrs	Ambient operating temp	0° C Min. • 40° C Max
Height	16.4 cm • 6.5 in	Warranty	3 year standard	Frequency	32° F Min. • 104° F Max
Weight	0.2 kg • 0.4 lb	UL/CSA rated	Damp/dry	Power factor	50/60 Hz
Input voltage	120V – 240V			Total harmonic distortion	> 0.90
					< 20%

*Medium Base E26

Description	12 NC	Power (W)	Amps 120V	Photon Flux $\mu\text{mol/s}$	Efficacy $\mu\text{mol/J}$
GPL FL 25 DRW 120-240V 2.1S E26	9290 021 00284	10	0.08	25	2.5
GPL FL 20 DRWFR 120-240V 2.1S E26	9290 021 00285	9.3	0.08	20	2.2



Adapter 0–10V

Length
Width
Height
Weight

49.5 cm • 19.5 in
11.8 cm • 4.65 in
9.3 cm • 3.66 in
3.2 kg • 8.8 lb

Input Voltage
Control signal
UL/CSA rated
IP rating

120V–277V
0–10V (third party)
Damp/wet
IP66

Maximum current rating
Ambient operating temp

12A
0° C Min • 40° C Max
32° F Min • 104° F Max

Adapter 0-10V	12 NC
GPL HCC8010/00 120-277V Adapter 0-10V	9290 021 00766

* Accessories in box: Female data connector Wieland RST16i2 turquoise. Suitable for cables with an outer diameter between 5-10.6 mm.

Accessories

Toplighting Linear	12 NC
GPL Toplighting Male Connector	9290 009 15406
GPL Toplighting Female Connector	9290 009 15506
GPL Bracket Toplighting NAM	9290 015 08106
GPL Bracket Toplight_2.0/2.1 TRE 50	9290 016 79306
GPL Bracket Toplight_2.0/2.1 TRE 60	9290 016 79406
GPL Toplighting Jumper NAM 6.6ft	9290 015 08206
GPL Toplighting Jumper NAM 3.3ft	9290 015 55806
GPL Toplighting Main Power Cable	9290 015 16206
GPL A U mains 277V RST20i3 Green 10ft	9290 021 00070
GPL A U mains 240V RST20i3 Green 10ft	9290 021 00633
GPL Toplighting End Cap	9290 009 15606

Toplighting Compact Toplighting Force	12 NC
GPL A TLC Bracket TRE 50x30/25 Center	9290 021 00014
GPL A TLC Bracket TRE 60x40/30 Center	9290 021 00015
GPL A TLC Bracket TRE 50x30 Angle	9290 021 00016
GPL A TLC Bracket TRE 60x40 Angle	9290 021 00017
GPL A TLC Bracket C 40x40	9290 021 00018
GPL A TLC Bracket Module 1.0	9290 021 00019
GPL A TLC Bracket TRE 50x25 Angle	9290 021 00128
GPL A TLC Bracket TRE 60x30 Angle	9290 021 00129
GPL A U Mains 240V RST16i3 L300 NA	9290 021 00633
GPL A U mains 277V RST20i3 Green 10ft	9290 021 00070
GPL A U mains 240V RST20i3 Green 10ft	9290 021 00633
GPL Toplighting Male Connector	9290 009 15406
GPL Toplighting Female Connector	9290 009 15506

Gridlighting	12 NC
GPL A U Mains 240V RST203 Black 10ft	9290 021 00740
GPL A U Mains 120V RST203 Black 10ft	9290 021 00727
GPL A U Mains 277V RST2013 Black 10ft	9290 021 00728
GPL A U Mains Pigtail RST2013 Black 10ft	9290 021 00741

Interlighting	12 NC
GP Interlighting Mounting Bracket 3.3	9290 016 13106
GP Interlighting Mounting Bracket 3.4	9290 016 13206
GP LED Power Cable 4.5.3L100	9290 015 56606
GP LED Jumper Cable 4.5.3L100	9290 015 56906
GP LED Female Connector 1.6	9290 015 99406
GPL Toplighting End Cap	9290 009 15606

Production Module	12 NC
GPL A U Connector M RST16i3 Black 5-9.5	9290 021 00003
GPL A U Distributor 1-2 RST16i3 Black	9290 021 00004
GPL A PM Bracket Mid Hook 15	9290 021 00097
GPL A PM Bracket End Hook 15	9290 021 00096
GPL A PM Bracket End Screw M4	9290 021 00095
GPL A U Distributor 1-2 RST16i2 Black	9290 021 00098
GPL A U Connector F RST16i2 Black 5-9.5	9290 021 00099
GPL A U Connector M RST16i2 Black 5-9.5	9290 021 00101
GPL A U Cable C RST16i2 L200 NA	9290 021 00104
GPL A U Cable E RST16i2 L200 NA	9290 021 00105



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