



Philips GreenPower LED Toplighting Force 2.0

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-480V
Standard 120°
Quadro 150x135°

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%

Standard Beam: 277 – 400V

Description	12 NC Pallet of 30	12 NC Single Unit	Power	Amps 277V	Amps 347V	Photon Flux μmol/s	High Efficacy μmol/J
TLF20 4010 3.9 RBLB 277-400V CC2 SB xP	9290 039 65005	9290 039 65006	1040	3.75	3.00	4010	3.9
TLF20 4010 3.9 RBLB 277-400V WC2 SB xP	9290 039 65007	9290 039 65008	1040	3.75	3.00	4010	3.9
TLF20 4010 3.9 RWLB 277-400V CC2 SB xP	9290 039 65013	9290 039 65014	1040	3.75	3.00	4010	3.9
TLF20 4010 3.9 RWLB 277-400V WC2 SB xP	9290 039 65015	9290 039 65016	1040	3.75	3.00	4010	3.9
TLF20 3800 3.7 RWLB 277-400V CC2 SB xP	9290 039 65021	9290 039 65022	1040	3.75	3.00	3800	3.7
TLF20 3800 3.7 RWLB 277-400V WC2 SB xP	9290 039 65023	9290 039 65024	1040	3.75	3.00	3800	3.7
TLF20 3600 3.5 RWLB 277-400V CC2 SB xP	9290 039 65029	9290 039 65030	1040	3.75	3.00	3600	3.5
TLF20 3600 3.5 RWLB 277-400V WC2 SB xP	9290 039 65031	9290 039 65032	1040	3.75	3.00	3600	3.5
TLF20 4280 3.7 RWLB 277-400V CC3 SB xP	9290 039 65037	9290 039 65038	1170	4.22	3.37	4280	3.7
TLF20 4280 3.7 RWLB 277-400V WC3 SB xP	9290 039 65039	9290 039 65040	1170	4.22	3.37	4280	3.7
TLF20 3600 3.5 RW2LB 277-400V CC2 SB xP	9290 039 65053	9290 039 65054	1040	3.75	3.00	3600	3.5
TLF20 3600 3.5 RW2LB 277-400V WC2 SB xP	9290 039 65055	9290 039 65056	1040	3.75	3.00	3600	3.5
TLF20 3700 3.6 RWMB 277-400V CC3 SB xP	9290 039 65061	9290 039 65062	1040	3.75	3.00	3700	3.6
TLF20 3700 3.6 RWMB 277-400V WC3 SB xP	9290 039 65063	9290 039 65064	1040	3.75	3.00	3700	3.6
TLF20 2860 2.8 VSN2 277-400V CC2 SB xP*	9290 039 65069	9290 039 65070	1040	3.75	3.00	2860	2.8
TLF20 2860 2.8 VSN2 277-400V WC2 SB xP*	9290 039 65071	9290 039 65072	1040	3.75	3.00	2860	2.8
TLF20 3350 3.2 EBW 277-400V CC2 SB xP*	9290 039 65077	9290 039 65078	1040	3.75	3.00	3350	3.2
TLF20 3350 3.2 EBW 277-400V WC2 SB xP*	9290 039 65079	9290 039 65080	1040	3.75	3.00	3350	3.2
TLF20 3600 3.5 RWF1 277-400V CC3 SB xP	9290 039 65085	9290 039 65086	1040	3.75	3.00	3600	3.5
TLF20 3600 3.5 RWF1 277-400V WC3 SB xP	9290 039 65087	9290 039 65088	1040	3.75	3.00	3600	3.5
TLF20 3800 3.7 RWF6 277-400V CC3 SB xP	9290 039 65093	9290 039 65094	1040	3.75	3.00	3800	3.7
TLF20 3800 3.7 RWF6 277-400V WC3 SB xP	9290 039 65095	9290 039 65096	1040	3.75	3.00	3800	3.7
TLF20 4170 3.6 RWF6 277-400V CC3 SB xP	9290 039 65102	9290 039 65103	1170	4.22	3.37	4170	3.6
TLF20 4170 3.6 RWF6 277-400V WC3 SB xP	9290 039 65104	9290 039 65105	1170	4.22	3.37	4170	3.6

Standard Beam: 400V

Description	12 NC Pallet of 30	12 NC Single Unit	Power	Amps 400V	Photon Flux μmol/s	High Efficacy μmol/J
TLF20 5050 3.6 RWF6 400V CC3 SB xP	9290 039 65110	9290 039 65111	1408	3.52	5050	3.6
TLF20 5050 3.6 RWF6 400V WC3 SB xP	9290 039 65112	9290 039 65113	1408	3.52	5050	3.6
TLF20 5150 3.7 RWLB 400V CC2 SB xP	9290 039 65045	9290 039 65046	1408	3.52	5150	3.7
TLF20 5150 3.7 RWLB 400V WC2 SB xP	9290 039 65047	9290 039 65048	1408	3.52	5150	3.7

Standard Beam: 480V

Description	12 NC Pallet of 30	12 NC Single Unit	Power	Amps 480V	Photon Flux μmol/s	High Efficacy μmol/J
TLF20 3600 3.5 RWLB 480V AD SB xP*	9290 039 65118	9290 039 65119	1040	2.17	3600	3.5

*VSN2 and EBW and 480V are dimmable only



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Dimmable*

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< 15%
10% – 100%

Quadro Beam: 277 – 400V

Description	12 NC Pallet of 30	12 NC Single Unit	Power	Amps 277V	Amps 347V	Photon Flux μmol/s	High Efficacy μmol/J
TLF20 3900 3.8 RBLB 277-400V CC2 QB xP	9290 039 65009	9290 039 65010	1040	3.75	3.00	3900	3.8
TLF20 3900 3.8 RBLB 277-400V WC2 QB xP	9290 039 65011	9290 039 65012	1040	3.75	3.00	3900	3.8
TLF20 3900 3.8 RWLB 277-400V CC2 QB xP	9290 039 65017	9290 039 65018	1040	3.75	3.00	3900	3.8
TLF20 3900 3.8 RWLB 277-400V WC2 QB xP	9290 039 65019	9290 039 65020	1040	3.75	3.00	3900	3.8
TLF20 3700 3.6 RWLB 277-400V CC2 QB xP	9290 039 65025	9290 039 65026	1040	3.75	3.00	3700	3.6
TLF20 3700 3.6 RWLB 277-400V WC2 QB xP	9290 039 65027	9290 039 65028	1040	3.75	3.00	3700	3.6
TLF20 3500 3.4 RWLB 277-400V CC2 QB xP	9290 039 65033	9290 039 65034	1040	3.75	3.00	3500	3.4
TLF20 3500 3.4 RWLB 277-400V WC2 QB xP	9290 039 65035	9290 039 65036	1040	3.75	3.00	3500	3.4
TLF20 4160 3.6 RWLB 277-400V CC3 QB xP	9290 039 65041	9290 039 65042	1170	4.22	3.37	4160	3.6
TLF20 4160 3.6 RWLB 277-400V WC3 QB xP	9290 039 65043	9290 039 65044	1170	4.22	3.37	4160	3.6
TLF20 3500 3.4 RW2LB 277-400V CC2 QB xP	9290 039 65057	9290 039 65058	1040	3.75	3.00	3500	3.4
TLF20 3500 3.4 RW2LB 277-400V WC2 QB xP	9290 039 65059	9290 039 65060	1040	3.75	3.00	3500	3.4
TLF20 3600 3.5 RWMB 277-400V CC3 QB xP	9290 039 65065	9290 039 65066	1040	3.75	3.00	3600	3.5
TLF20 3600 3.5 RWMB 277-400V WC3 QB xP	9290 039 65067	9290 039 65068	1040	3.75	3.00	3600	3.5
TLF20 2760 2.7 VSN2 277-400V CC2 QB xP*	9290 039 65073	9290 039 65074	1040	3.75	3.00	2760	2.7
TLF20 2760 2.7 VSN2 277-400V WC2 QB xP*	9290 039 65075	9290 039 65076	1040	3.75	3.00	2760	2.7
TLF20 3250 3.1 EBW 277-400V CC2 QB xP*	9290 039 65081	9290 039 65082	1040	3.75	3.00	3250	3.1
TLF20 3250 3.1 EBW 277-400V WC2 QB xP*	9290 039 65083	9290 039 65084	1040	3.75	3.00	3250	3.1
TLF20 3500 3.4 RWF1 277-400V CC3 QB xP	9290 039 65089	9290 039 65090	1040	3.75	3.00	3500	3.4
TLF20 3500 3.4 RWF1 277-400V WC3 QB xP	9290 039 65091	9290 039 65092	1040	3.75	3.00	3500	3.4
TLF20 3700 3.6 RWF6 277-400V CC3 QB xP	9290 039 65097	9290 039 65098	1040	3.75	3.00	3700	3.6
TLF20 3700 3.6 RWF6 277-400V WC3 QB xP	9290 039 65099	9290 039 65101	1040	3.75	3.00	3700	3.6
TLF20 4060 3.5 RWF6 277-400V CC3 QB xP	9290 039 65106	9290 039 65107	1170	4.22	3.37	4060	3.5
TLF20 4060 3.5 RWF6 277-400V WC3 QB xP	9290 039 65108	9290 039 65109	1170	4.22	3.37	4060	3.5

Quadro Beam: 400V

Description	12 NC Pallet of 30	12 NC Single Unit	Power	Amps 400V	Photon Flux μmol/s	High Efficacy μmol/J
TLF20 5000 3.6 RWLB 400V CC2 QB xP	9290 039 65049	9290 039 65050	1408	3.52	5000	3.6
TLF20 5000 3.6 RWLB 400V WC2 QB xP	9290 039 65051	9290 039 65052	1408	3.52	5000	3.6
TLF20 4900 3.5 RWF6 400V CC3 QB xP	9290 039 65114	9290 039 65115	1408	3.52	4900	3.5
TLF20 4900 3.5 RWF6 400V WC3 QB xP	9290 039 65116	9290 039 65117	1408	3.52	4900	3.5

Quadro Beam: 480V

Description	12 NC Pallet of 30	12 NC Single Unit	Power	Amps 480V	Photon Flux μmol/s	High Efficacy μmol/J
TLF20 3500 3.4 RWLB 480V AD QB xP*	9290 039 65120	9290 039 65121	1040	2.17	3500	3.4

*VSN2 and EBW and 480V are dimmable only