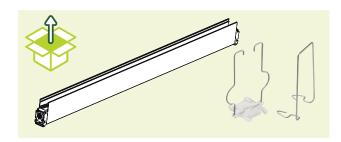


Quick installation guide

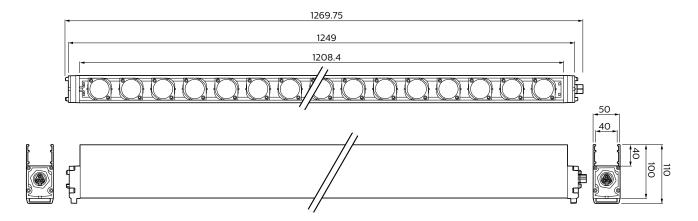


MARNING

Turn power off before installation. All work should be done according to appropriate electrical codes.

Dimensions Philips GreenPower LED toplighting (in mm)

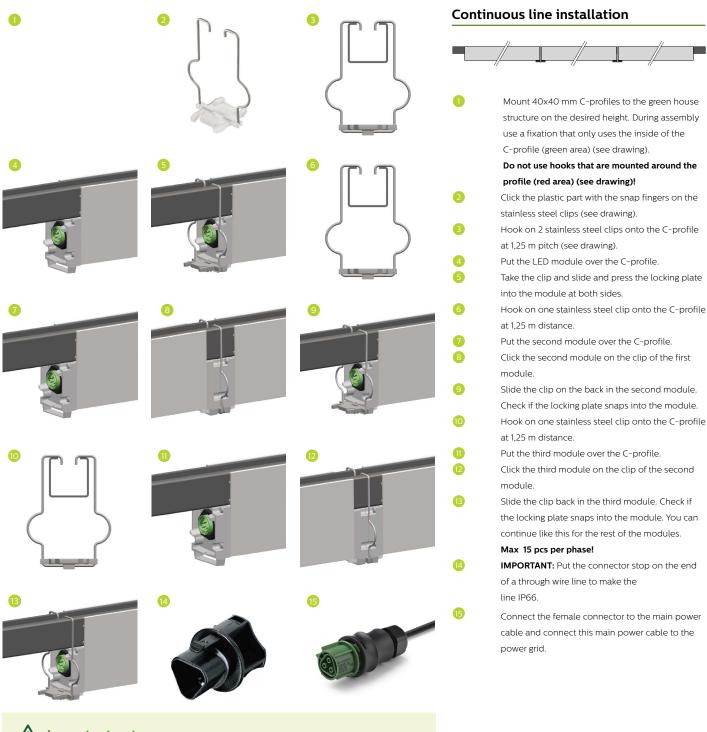
Product	Dimensions (i	Dimensions (in mm)			
	Length	Width	Height		
GreenPower LED toplighting module	1269.75	50	110		
GreenPower LED toplighting module mounting bracket (continuous line)	118	85	47.5		
GreenPower LED toplighting module mounting bracket (non-continuous line)	102	55	35.7		



Mounting into the greenhouse (continuous line)

The module can be fixed to the greenhouse structure using the existing technology that is used for greenhouse installations. The GreenPower LED toplighting can be fitted very easily without the need for any tools and has been designed together with installers and growers to deliver optimum results.

The 40x40 mm C-profile is integrated into the module. This way less light will be blocked by the LED modules cabling and suspension structure. Thanks to the head-to-tail inter-connection and the stainless steel clips, it is virtually a plug-and-play module.



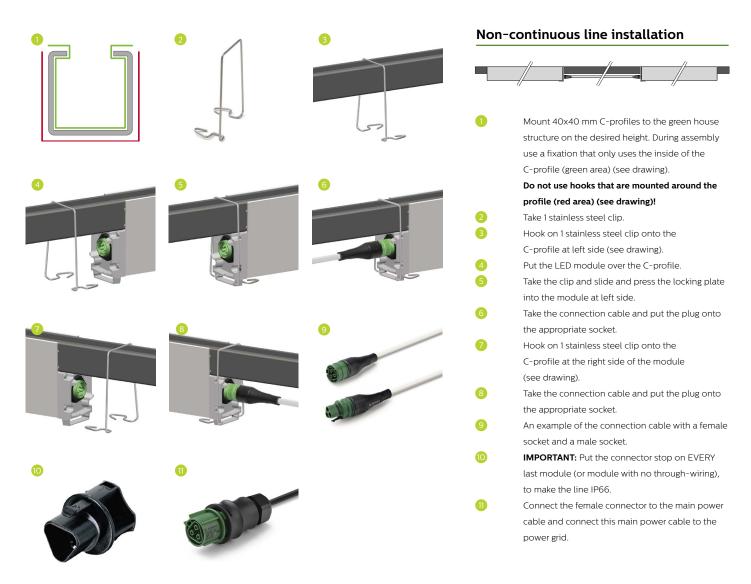
/!\ Important note:

The maximum amount of GreenPower LED toplighting modules is 15 pcs per phase on a 16 A C-type circuit breaker. Not allowed to use >16 A circuit breakers and increasing the module amounts per phase due to internal wire dimensions and higher current!

Mounting into the greenhouse (non-continuous line)

The module can be fixed to the greenhouse structure using the existing technology that is used for greenhouse installations. The GreenPower LED toplighting can be fitted very easily without the need for any tools and has been designed together with installers and growers to deliver optimum results.

The 40x40 mm C-profile is integrated into the module. This way less light will be blocked by the LED modules cabling and suspension structure. Thanks to the head-to-tail inter-connection and the stainless steel clips, it is virtually a plug-and-play module.





/ Important note:

The maximum amount of GreenPower LED toplighting modules is 15 pcs per phase on a 16 A C-type circuit breaker. Not allowed to use >16 A circuit breakers and increasing the module amounts per phase due to internal wire dimensions and higher current!



Risk group 2

Photo Biological Hazard (EN 62471)

GreenPower LED toplighting module DR/B is for retinal blue in the riskgroup 2 and for the rest in Risk group EXEMPT.

Ordering data and specifications Philips GreenPower LED toplighting



GreenPower LED toplighting mounting bracket for continuous line installation



GreenPower LED toplighting mounting bracket for non-continuous line installation



GreenPower LED toplighting connection cable for non continuous line installation



GreenPower LED toplighting connector for connection to mains power cable



GreenPower LED toplighting connector stop

Philips GreenPower	Photon	Power	Lifetime *	Ingress	Power	Input	Order code		
LED toplighting module	flux * / **	consumption		protection	factor	voltage			
		(typical) **		rating					
	µmol/s	w	hours		cos φ	VAC	12 NC		
Deep red/blue (DR/B)									
GreenPower LED toplighting module DR/B LB 400V	440	190	25,000	IP66	0.95	400	9290 008 82206		
GreenPower LED toplighting module DR/B MB 400V	440	195	25,000	IP66	0.95	400	9290 008 82106		
GreenPower LED toplighting module DR/B HB 400V	440	200	25,000	IP66	0.95	400	9290 008 82006		
Deep red/white (DR/W)									
GreenPower LED toplighting module DR/W LB 400V	440	195	25,000	IP66	0.95	400	9290 008 81906		
GreenPower LED toplighting module DR/W MB 400V	440	200	25,000	IP66	0.95	400	9290 008 85106		
GreenPower LED toplighting module DR/W Vision 400V	400	190	25,000	IP66	0.95	400	9290 009 58906		
Deep red/white/far red (DR/W/FR)									
GreenPower LED toplighting module DR/W MB 400V	360	180	25,000	IP66	0.95	400	9290 009 59006		
Accessories									
GreenPower LED toplighting mounting bracket (continuousline) 1)									
GreenPower LED toplighting mounting bracket (non-continuousline)									
GreenPower LED toplighting jumper cable (1,0 mtr) ²⁾									
GreenPower LED toplighting jumper cable (2,0 mtr) ²⁾									
GreenPower LED toplighting male connector									
GreenPower LED toplighting female connector									
GreenPower LED toplighting end cap ³⁾									
GreenPower LED toplighting snapfinger									

 $^{^{\}ast}$ Lifetime and maintenance values are given at an ambient temperature of 25 $^{\circ}\text{C}.$



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Document order number: 3222 635 69529 03/2015 Data subject to change. For more information about Philips horticulture LED Solutions visit: www.philips.com/horti

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Or tweet us: @PhilipsHorti

⁹ Stainless steel ø2.0 mm wire clip including 'locking plate' to fix the modules in an axial direction to prevent the modules working loose as a result of vibrations

²⁾ 3 x 1.5 mm² conductors, 2-sided 'male / female connector

 $^{^{\}scriptscriptstyle 3)}$ To ensure IP66 rating for every single mounted or last module in a continuous line!