

PHILIPS

Horticulture LED Solutions

GreenPower LED research module



Quick installation guide



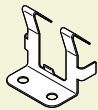
GreenPower LED research module



Mounting bracket 12 mm pipe



Mounting bracket 3/8" pipe



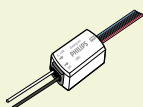
Mounting bracket shelf



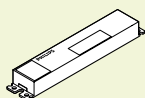
Connector Xtend



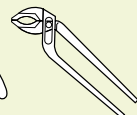
Connector End cap



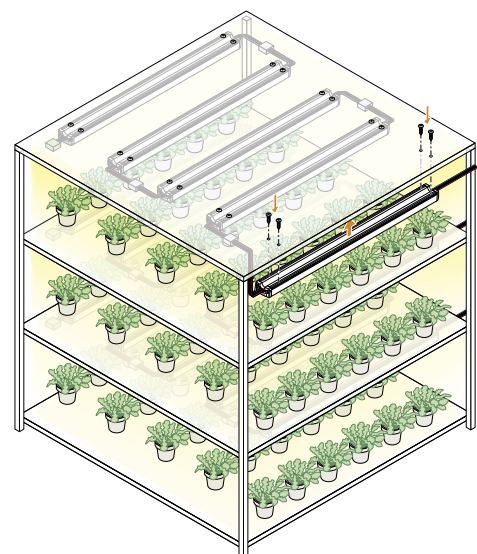
LGM dimming unit



LED power driver

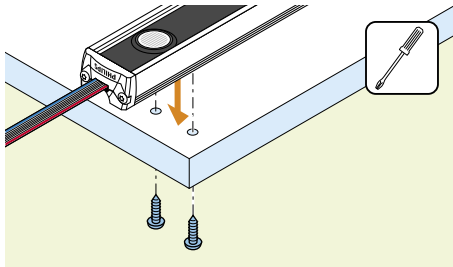
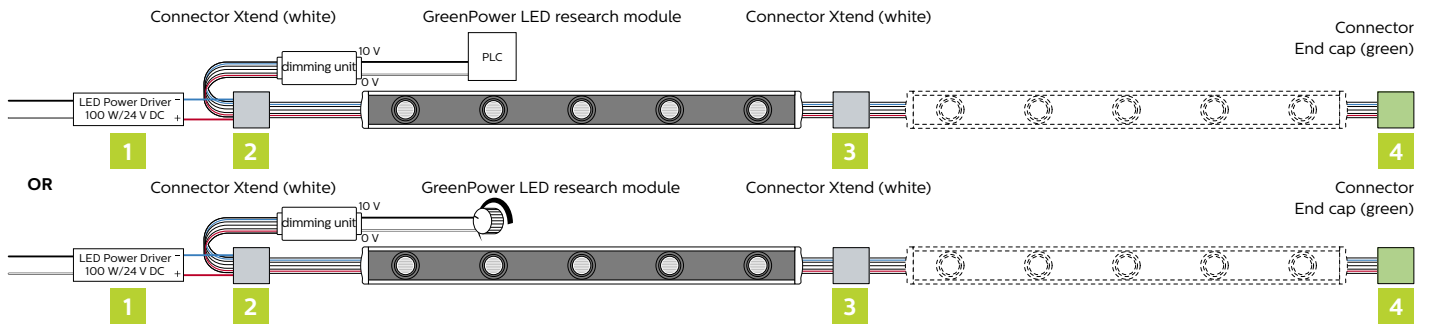


Fabory fastener cross recessed pan
head tapping screw, steel zinc plated
26660 ST3.5*xx
Where xx = length screw

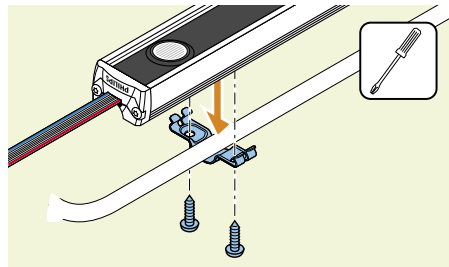


March 2015

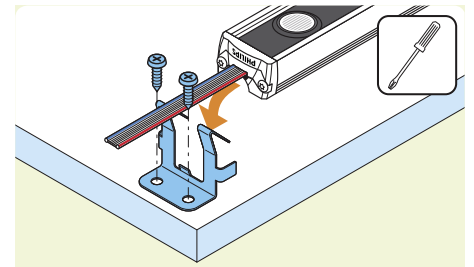
Installation of a tunable system



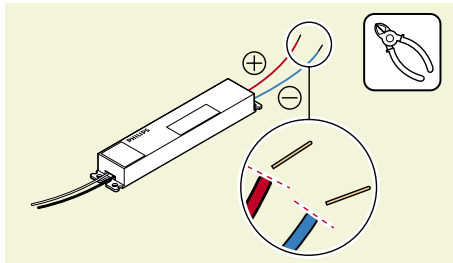
Choose: mounting directly on shelves



Choose: mounting on cooling pipes, bracket 3/8" or 12 mm



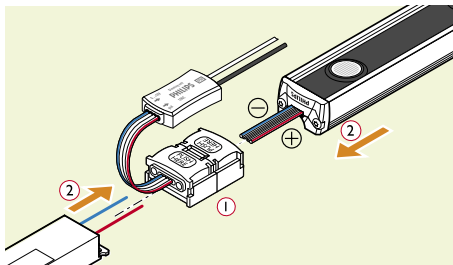
Choose: mounting on shelves with bracket shelf



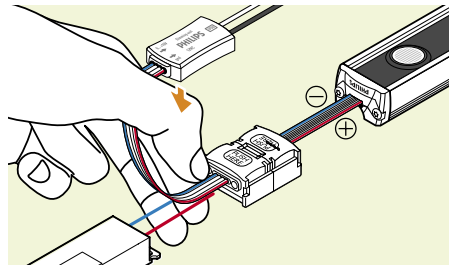
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Warning!

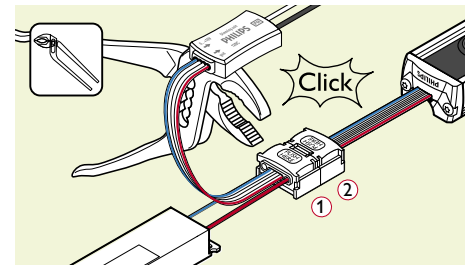
Turn power off before installation. All work should be done according to appropriate electrical codes.



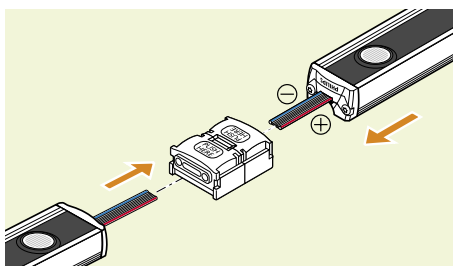
2a



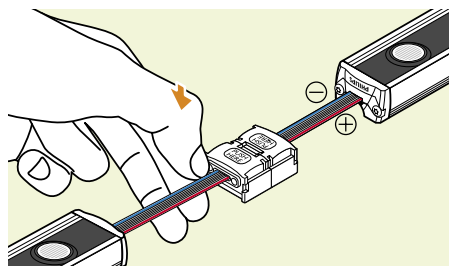
2b



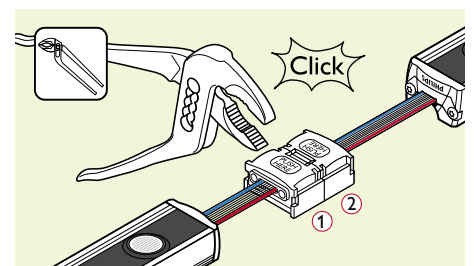
2c



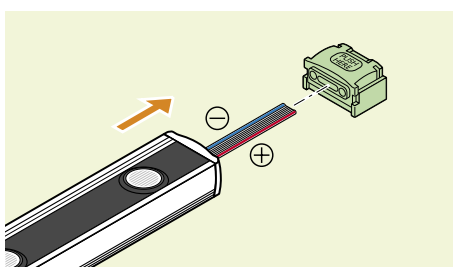
3a



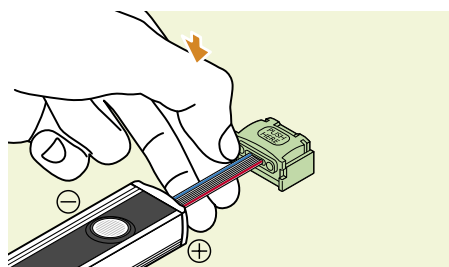
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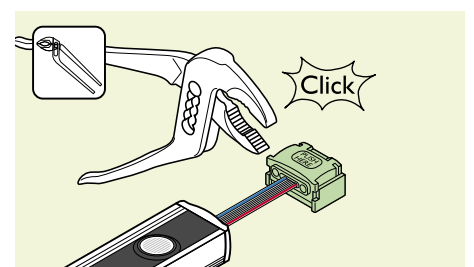
3c



4a

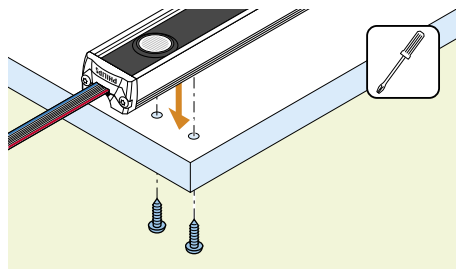
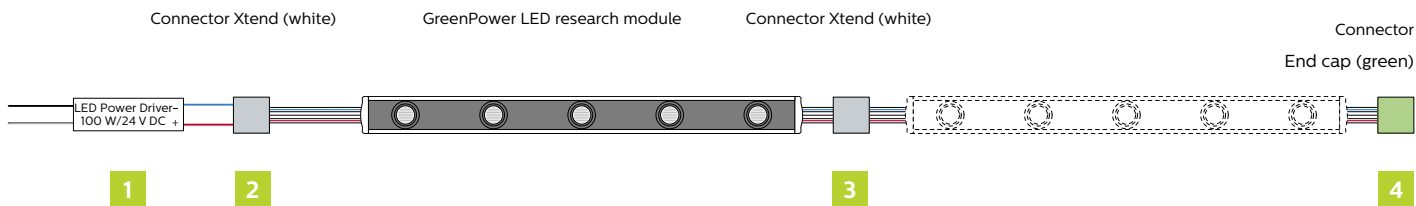


4b

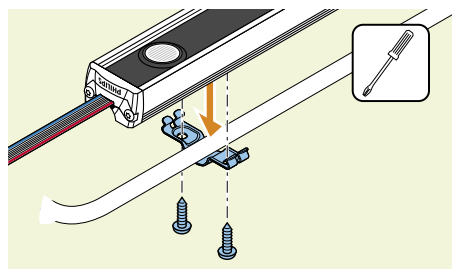


4c

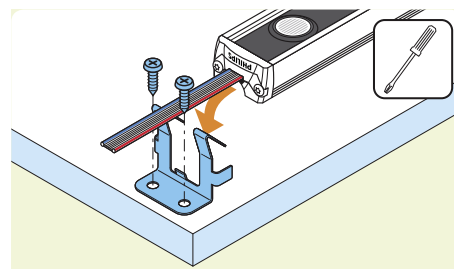
For tunable installation examples go to page 4



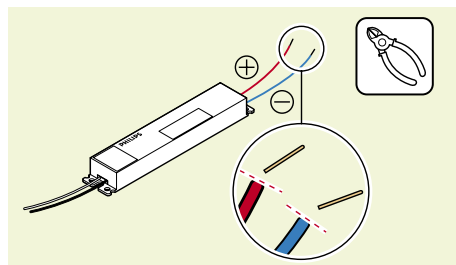
Choose: mounting directly on shelves



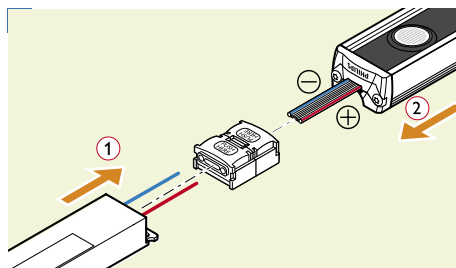
Choose: mounting on cooling pipes, bracket 3/8" or 12 mm



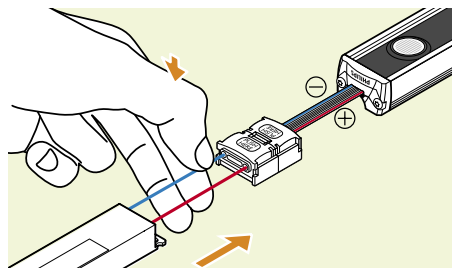
Choose: mounting on shelves with bracket shelf



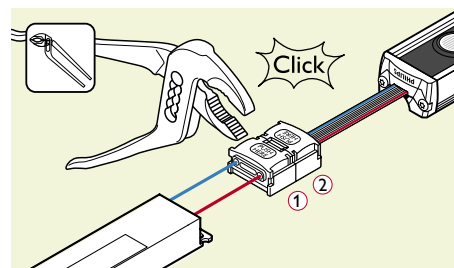
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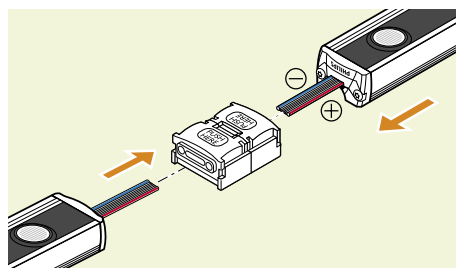
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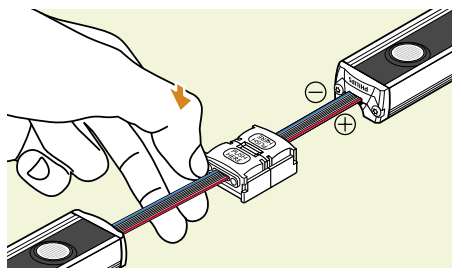
2b



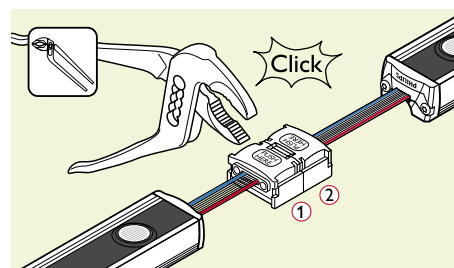
2c



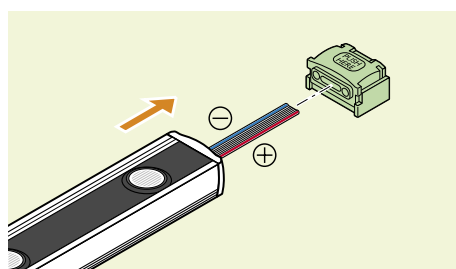
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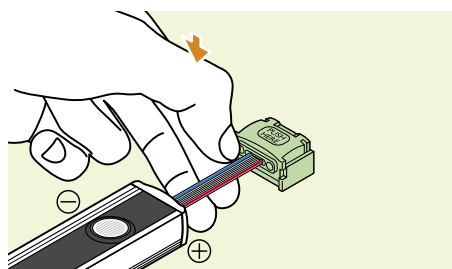
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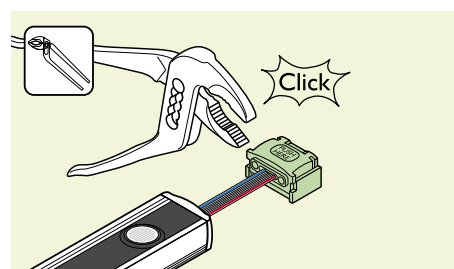
3c



4a



4b



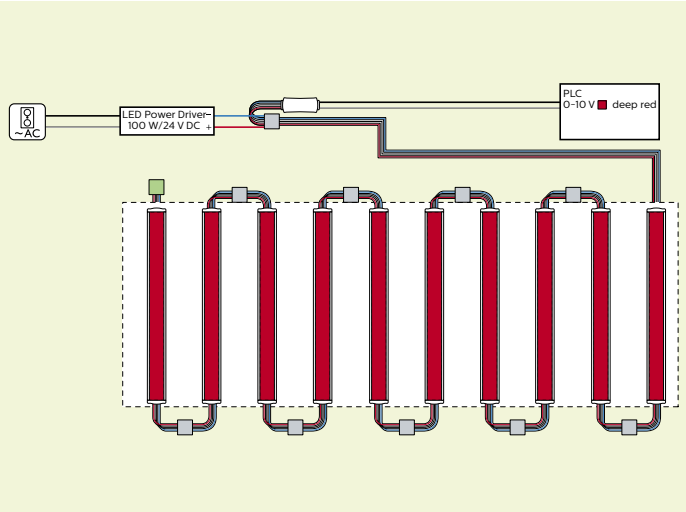
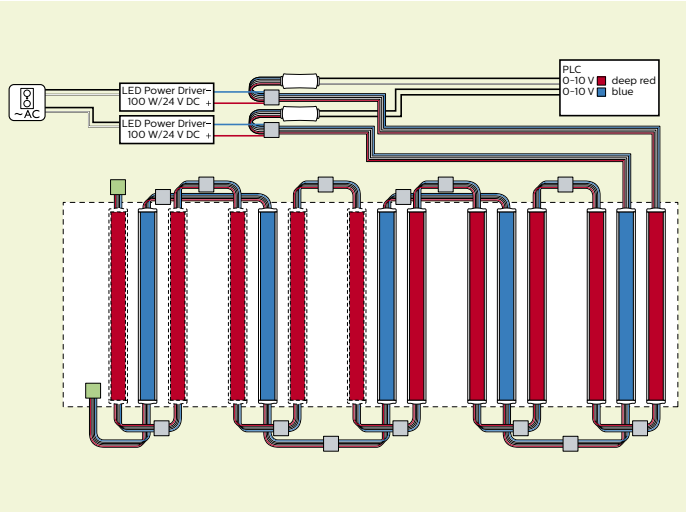
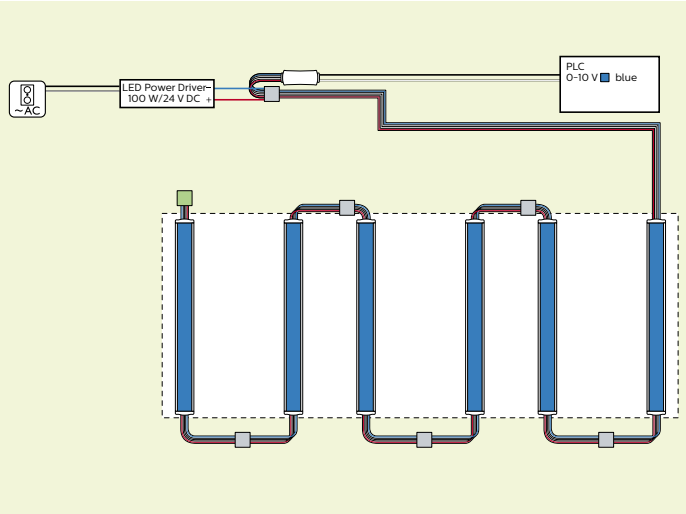
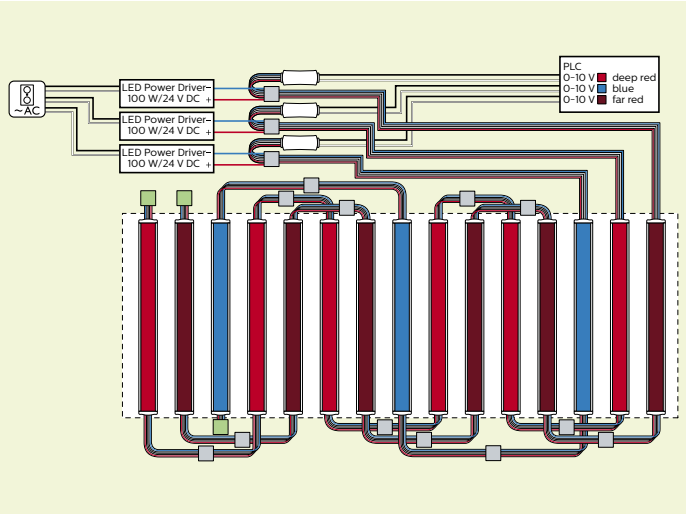
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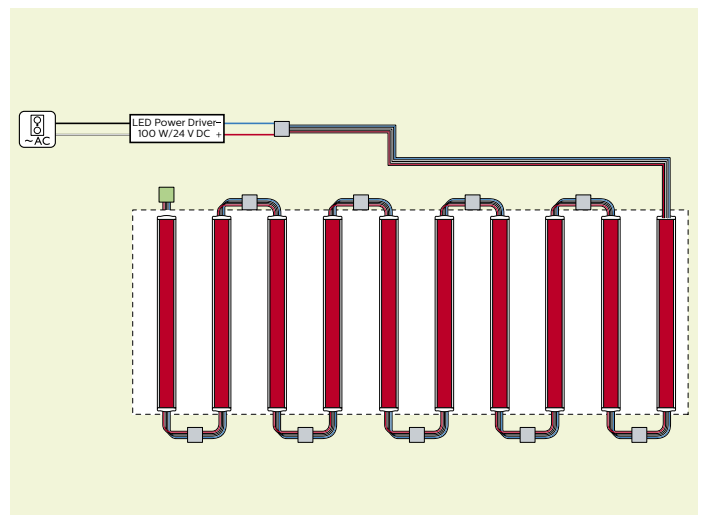
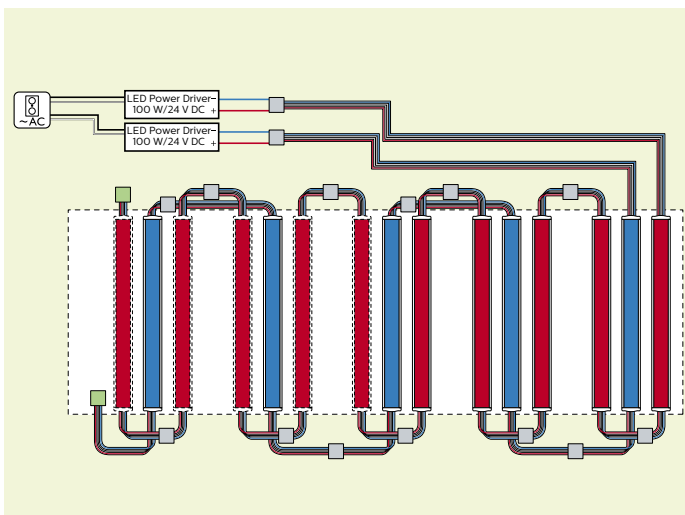
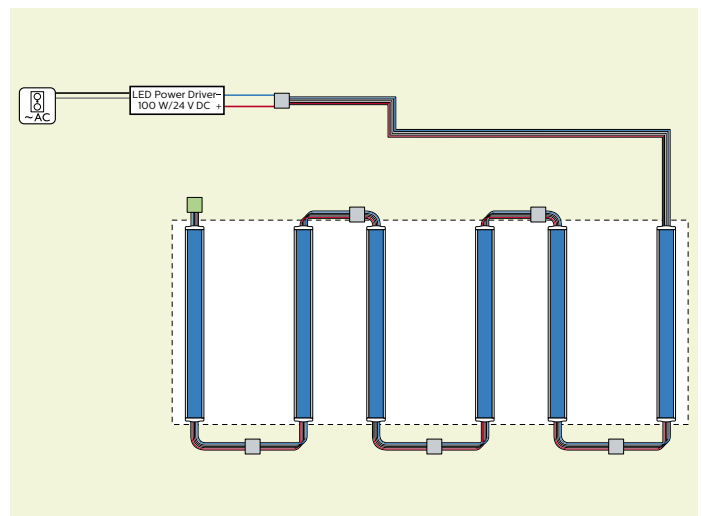
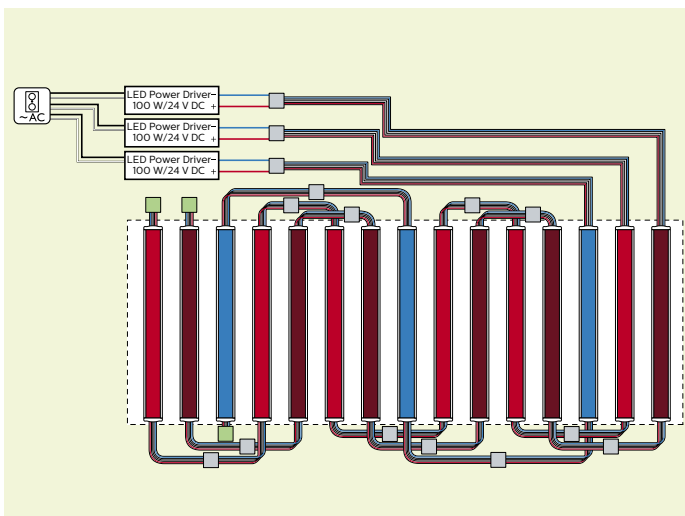
Warning!

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

Installation examples tunable system

LGM dimming unit connected

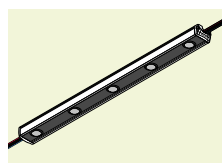




More information?

More information on 'how to design your multilayer application' can be found in the Application Guide GreenPower LED research modules.

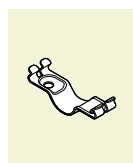
Ordering data



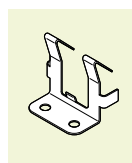
GreenPower
LED research module



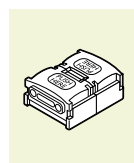
Mounting
bracket
12 mm pipe



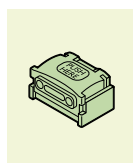
Mounting
bracket
3/8" pipe



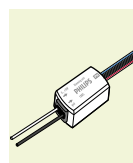
LGM mounting
bracket shelf



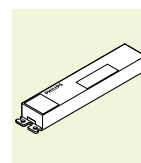
Connector
Xtend



Connector
End cap



LGM
dimming unit



LED power
driver

Product		Minimum order quantity	Packaging dimensions (cm)			Packaging weight (kg)	Ordering code 12NC
			L	W	H		
Philips GreenPower LED research module							
GreenPower LED research module deep red		6	56	13.5	6.6	2.7	9290 006 32003
GreenPower LED research module far red		6	56	13.5	6.6	2.7	9290 006 32103
GreenPower LED research module blue		6	56	13.5	6.6	2.7	9290 006 32203
GreenPower LED research module white		6	56	13.5	6.6	2.7	9290 008 43003
Accessories							
LGM mounting bracket shelf		40	21	16	8	0.2	9290 004 83903
LGM mounting bracket cooling pipe 3/8"		100	10	10	10	0.3	9290 004 64803
LGM mounting bracket cooling pipe 12 mm		100	10	10	10	0.3	9290 004 64903
Connector Xtend		10	10	7	3.3	0.05	9290 004 86203
Connector End Cap		10	10	7	3.3	0.05	9290 004 86603
LS Extension cable 4 Wg 24		50 m	46	46	3	0.750	9290 004 62603
Dimming unit							
LGM dimming unit		10	13	11	9	0.2	9290 004 79003
Controls *)							
- Basic							
DDLEDC605-GL LED Controller PWM 6 x 5A		1					9137 030 61209
DDTC 001 Dynalite Timeclock		1					9137 030 74009
DKT 622-USB-J (only required for basic)		1					9137 030 90209
- Remote control							
DDRC 420FR 4 x 20A Relay Controller		1					9137 030 51009
DNG 100BT Network Gateway		1					9137 030 82009
LED power driver **)							
100W-24V 100-240V		10	30	30	9	6.6	9137 006 21091
LED power driver (USA and Canada **)							
100W-24V 100-240V		10	30	30	9	6.6	9137 102 99702

*) Controls (Basic and Remote control) are not available in USA and Canada.

**) The GreenPower LED research module is only suitable for connection to a Class 2 power source (Philips LED power driver) with energy limited supply.

EN	Please note that the driver should be built in.
CHS	请注意驱动器须内置。
CS	Upozorňujeme, že Driver by měl být umístěn uvnitř boxu/nápisu.
DE	Bitte beachten Sie, dass der Treiber eingebaut sein sollte.
ES	Adviértase que el alimentador debe ir integrado.
FR	Veuillez noter que l'unité doit être intégrée.
IT	Attenzione: il driver deve essere integrato.
NL	Houd er rekening mee dat de driver moet worden ingebouwd.
PO	Uwaga! Zasilacz powinien być zainstalowany wewnątrz.
RU	Обращаем Ваше внимание на то что блок питания должен быть размещен внутри светового короба.
SV	Observera att drivenheten måste vara inbyggd.
TR	Dikkat, Sürücü içeriye monte edilmelidir.



Warning!

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



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