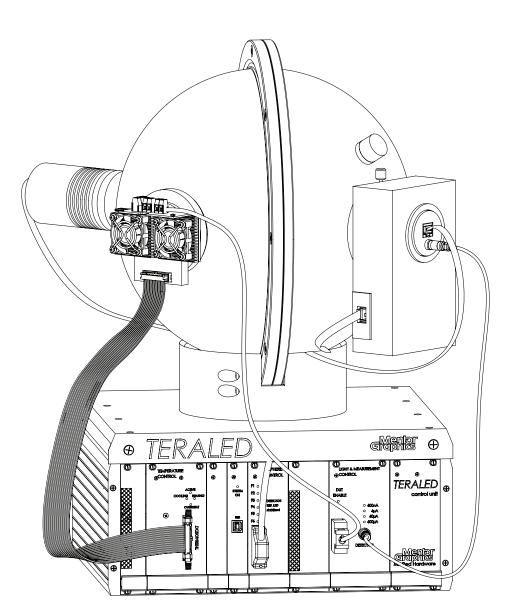
T3Ster[®] TeraLED[®] 30P

QUICK START GUIDE

HW PN: 239888





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Contractor/manufacturer is:

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Dear Customer,

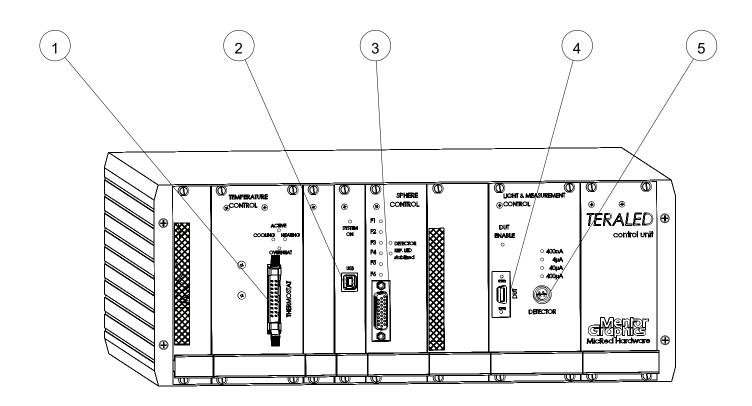
Thank you for choosing/purchasing our product. This document has been prepared in order to guide you through the installation of your new TeraLED system in a safe and efficient way. You will find a list of cables that come with your new equipment and a detailed guide for easy start-up as well. For your convenience you can add your sales and application engineer contact at the end of the document. We hope you will enjoy using our product and if you have any questions please do not hesitate to ask us.

Sincerely,

Your Mentor Graphics Mechanical Analysis Team

Overview

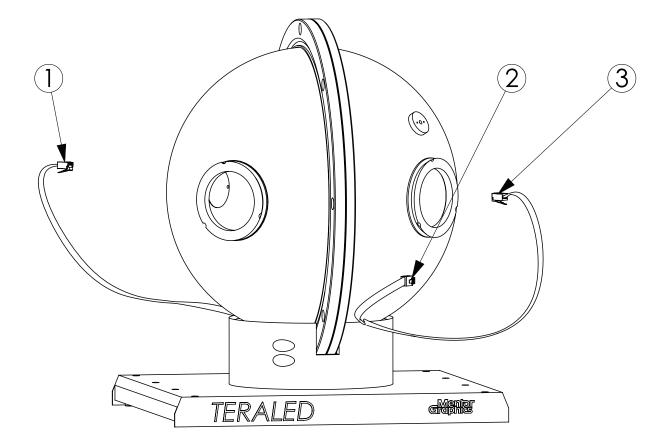
TeraLED Control Unit



ITEM NUMBER	DESCRIPTION
1	Thermostat Connection
2	USB Connection
3	Sphere Connection
4	DUT Connection
5	Detector Connection

Overview (cont.)

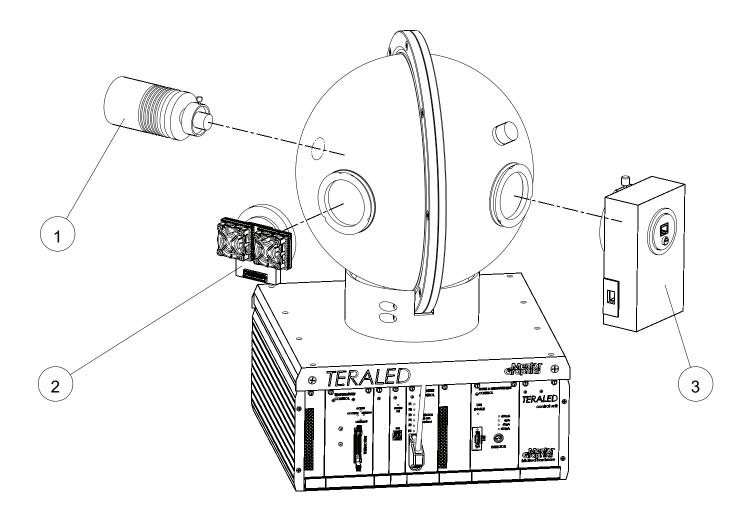
Integrating Sphere



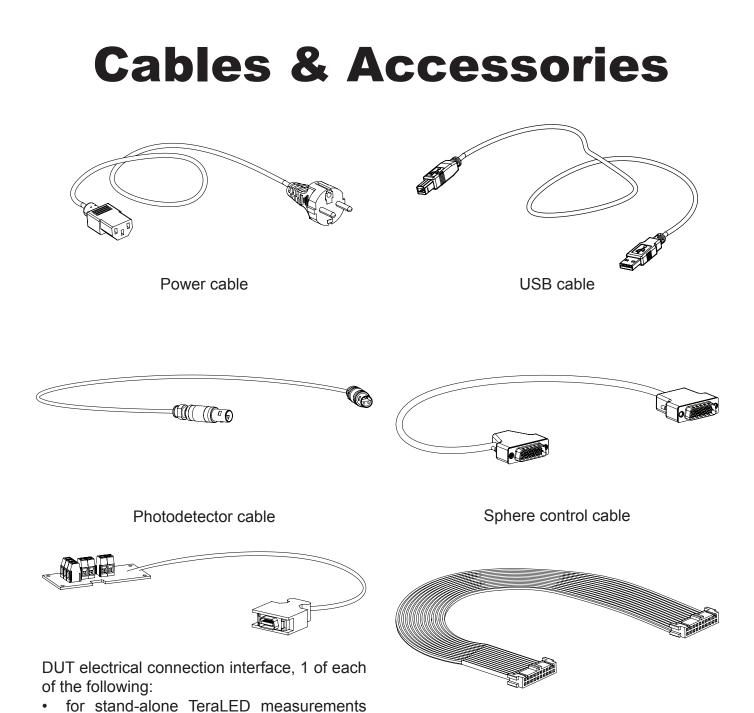
ITEM NUMBER	DESCRIPTION
1	Reference LED Communication/Supply Cable
2	Filter Bank Communication/Supply Cable
3	Photodetector Communication/Supply Cable

Overview (cont.)

TeraLED Control Unit & Integrating Sphere



ITEM NUMBER	DESCRIPTION
1	Reference LED
2	DUT holder cold plate
3	Detector system with 6 filters (pho- todetector and filter bank)



Thermostat cable



(pictured)

not pictured)

urements (not pictured)

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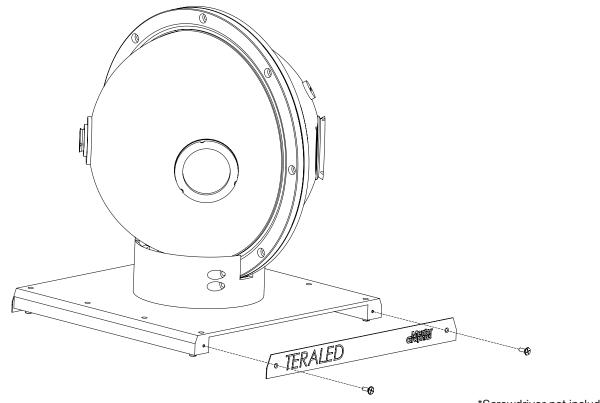
for combined T3Ster and TeraLED meas-

for high voltage LED applications (com-

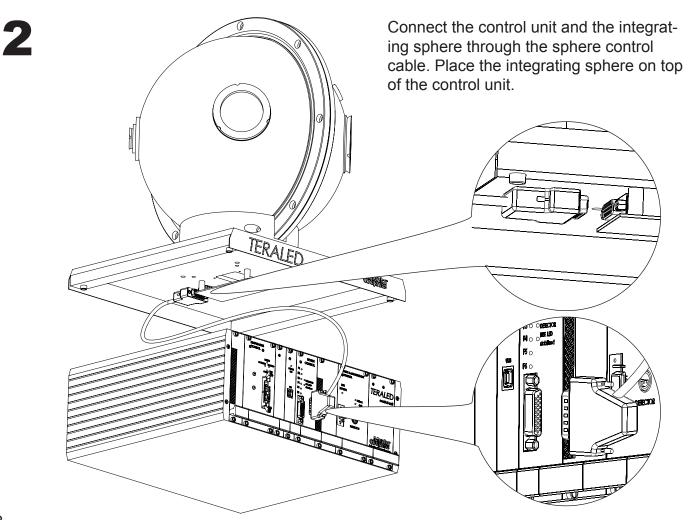
bined T3Ster, booster, and TeraLED setup;

Spare fuses:	8A 'F' (2x)
	6.3A 'T' (2x)
	3.15A 'T' (2x)
	1.6A 'T' (4x)

Attach the cover plate to the base of the integrating sphere with the provided Phillips screws.*



*Screwdriver not included.



Connect the 14-pole connector of the DUT electrical connection interface to the DUT connector of the control unit. Mount one of the DUT electrical connection interfaces onto the DUT holder cold plate with the four provided screws.*

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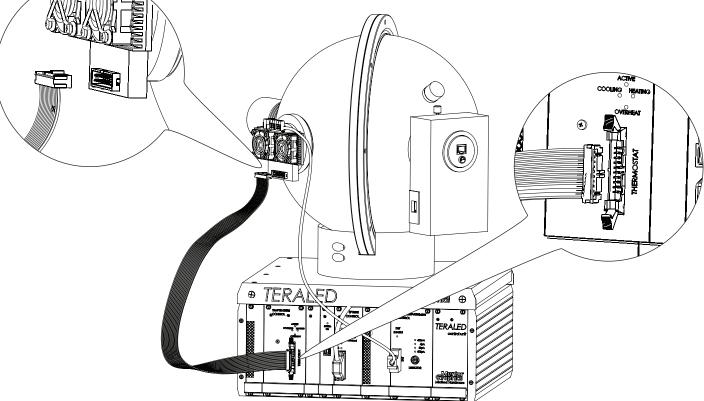
DETECTOR

*Select the type of the DUT electrical connection interface according to your measurement needs:
stand-alone use of TeraLED,

- combined use with T3Ster,
- combined use with T3Ster and
- booster for high voltage LED assemblies

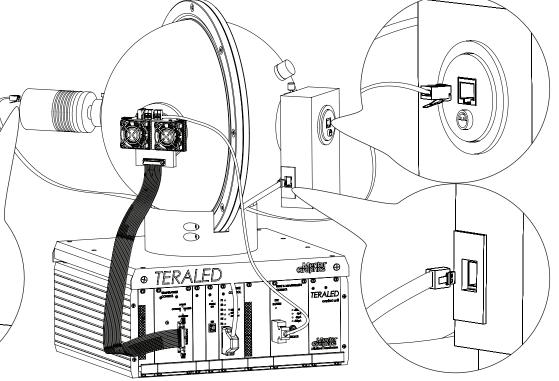


Attach the DUT holder cold plate to the integrating sphere and connect it to the control unit through the thermostat cable.

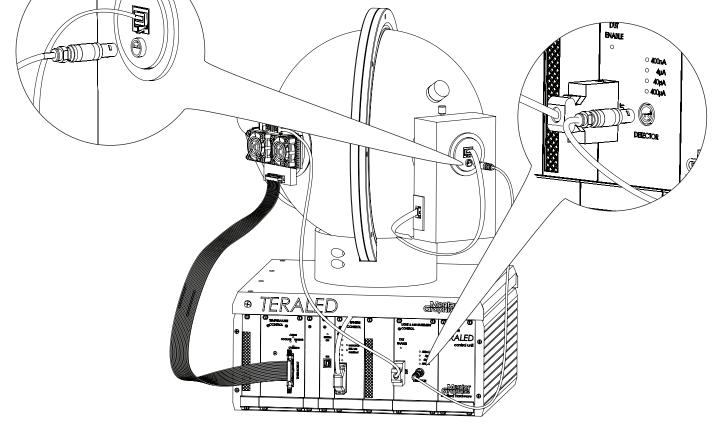


Connect the free ends of the built-in integrating sphere cables as follows:

- plug the reference LED communication/supply cable into the RJ45 socket on the back of the reference LED
 - plug the photodetector communication/supply cable into the RJ45 socket of the detector
 - plug the filter bank communication/supply cable into the RJ45 socket on the side of the filter bank.

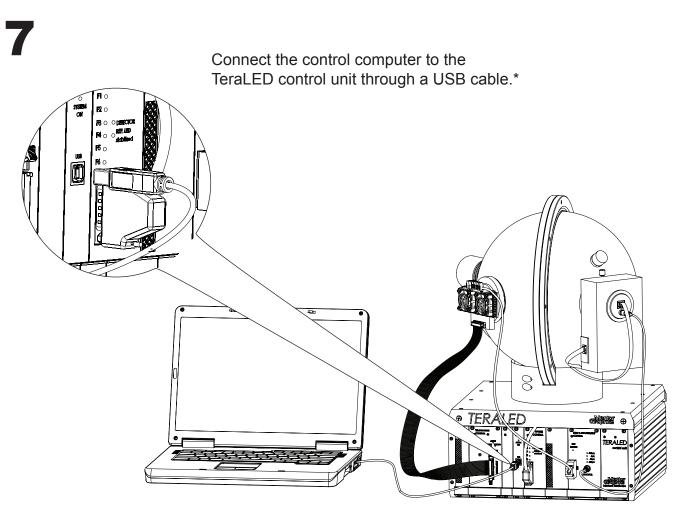


Connect one end of the photodetector cable to the detector connection of the control unit. Connect the other end to the photodetector.

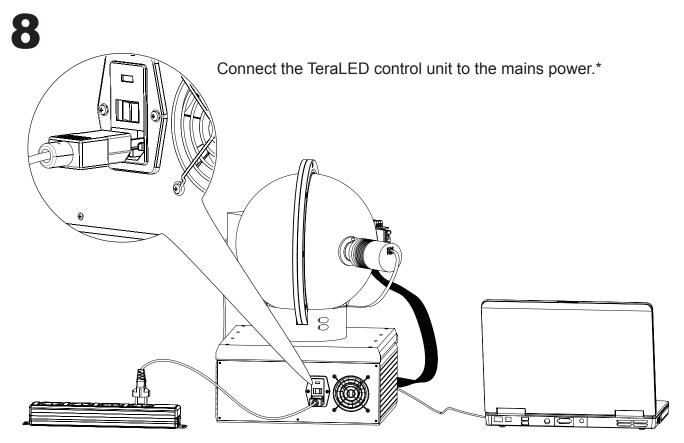


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*Control computer not included.



*Multi-socket adapter not included.

Your sales contact:

Your application engineer contact:

Further technical guidance and support at: www.supportnet.mentor.com