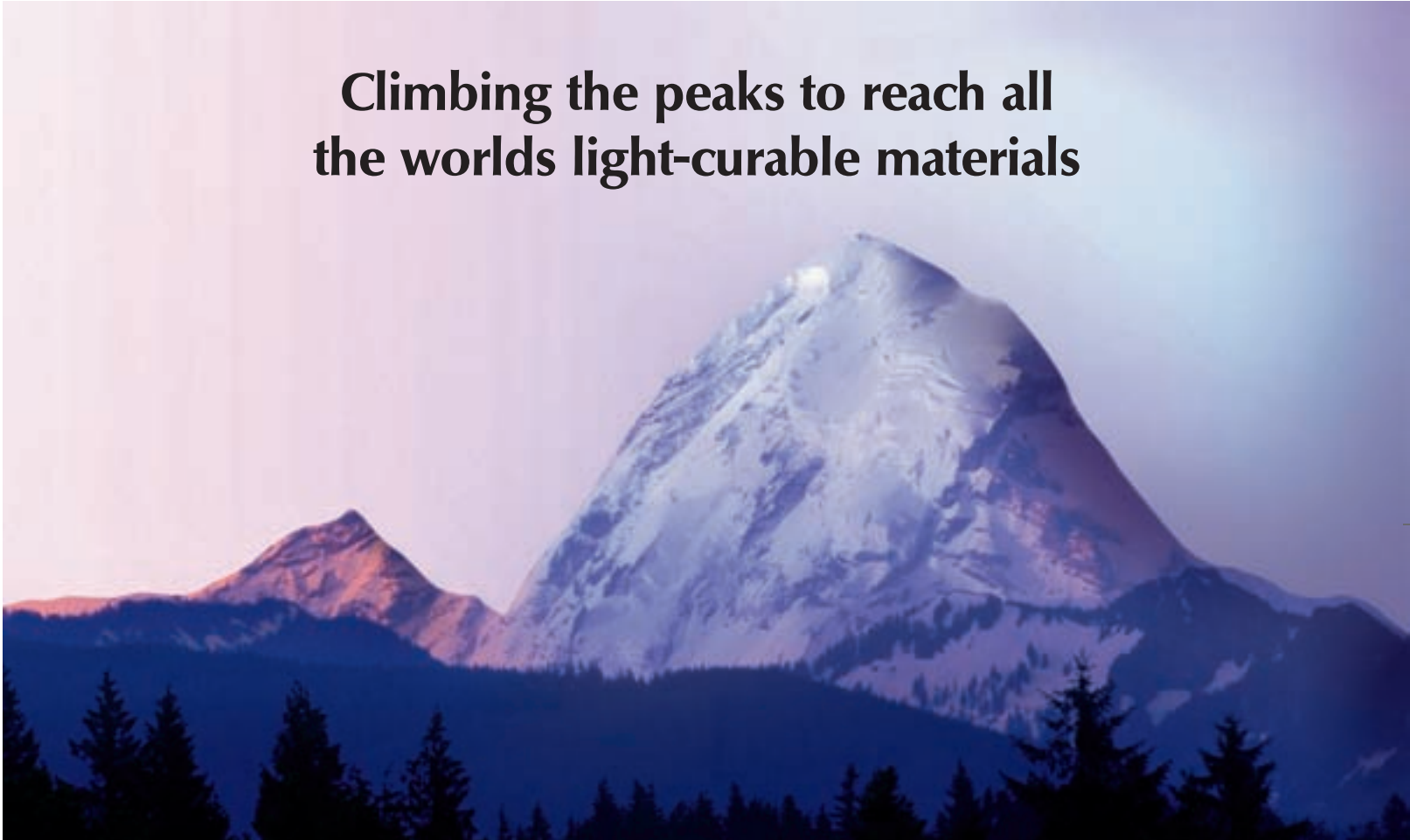




Climbing the peaks to reach all
the worlds light-curable materials



GC G-Light

LED Light Curing System



GC

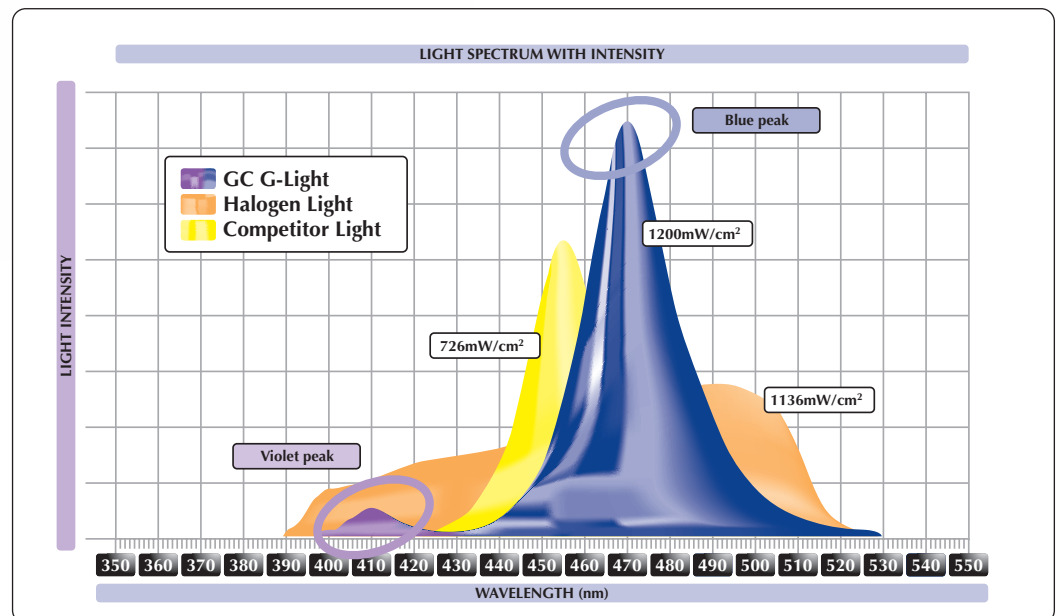
FIRST IS QUALITY

GC G-Light - two curing peaks from



If you want a light curing system that can 'do it all' look no further than the remarkable G-Light from GC. Not only does the GC G-Light employ the very latest LED technology, it has unique blue AND violet LEDs that give two different wavelength peaks capable of curing all visible light curable (VLC) materials. You also get the high performance, reliability and simplicity that comes with high quality Japanese electronic design and manufacture.

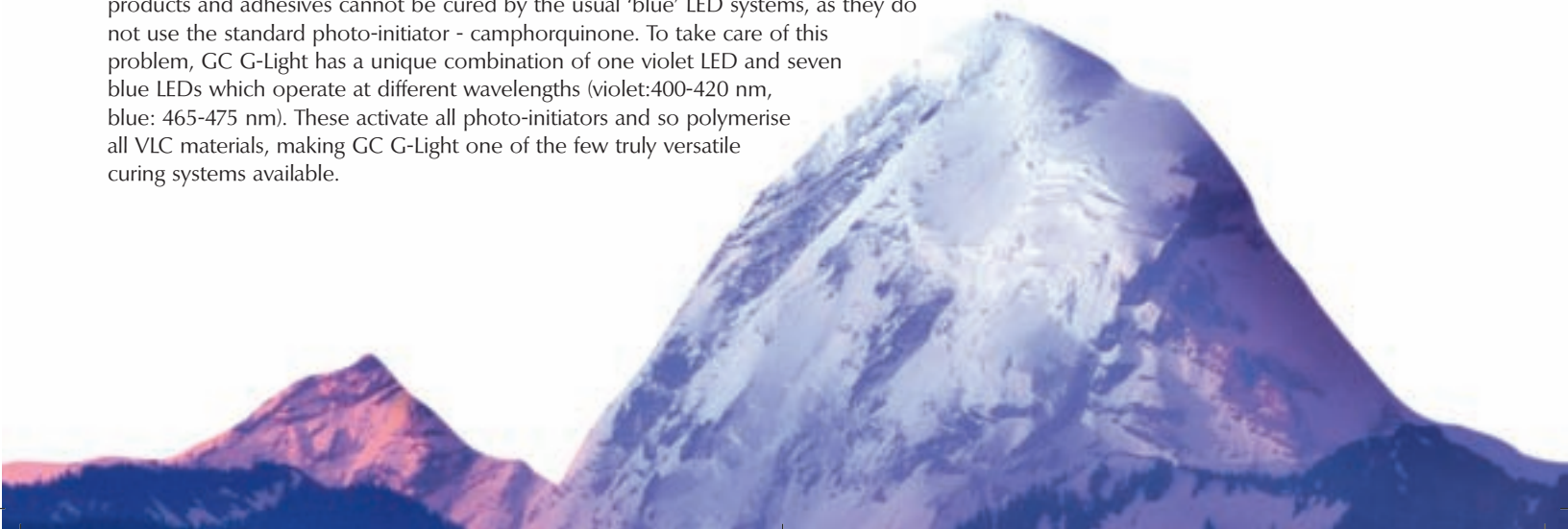
The two different wavelength peaks of the blue and violet LEDs, corresponding to the absorption peaks for camphorquinone and TPO, indicates that GC G-Light will polymerise almost all commercially available light-curable materials



The curing versatility you need

One light-curing system, whatever the photo-initiator

Some of the new aesthetic dental materials such as bleach shades, composites, glazing products and adhesives cannot be cured by the usual 'blue' LED systems, as they do not use the standard photo-initiator - camphorquinone. To take care of this problem, GC G-Light has a unique combination of one violet LED and seven blue LEDs which operate at different wavelengths (violet: 400-420 nm, blue: 465-475 nm). These activate all photo-initiators and so polymerise all VLC materials, making GC G-Light one of the few truly versatile curing systems available.



unique blue and violet LEDs

Quality Japanese design

High quality, high standards

GC G-Light is a high-quality system designed and manufactured with Japanese expertise to exceed industry standards. This gives GC G-Light a performance and reliability that ensures you get optimal clinical results every time you use it and a long operational life, it's also very simple to use.

High performance and reliability

A faster, deeper cure

GC G-Light produces a high intensity (1200 mW/cm²), narrow spectrum of light. Thanks to the design of its LED module, the maximum amount of light energy is available at the end of the light guide, with no loss of performance or intensity, allowing you to achieve a good depth of polymerisation in a short curing time.

400 x 10 seconds of use, with no loss of light output

For each battery charge, the GC G-Light can be used over 400 times for 10 seconds a time, without any reduction in light energy output. Constant light energy guarantees efficient and deep polymerisation every time. The lithium-ion rechargeable battery also means there are **no 'memory effect' problems**.

Long-lasting LED module

Internal GC research shows that the GC G-Light LED module will give more than 700 hours of use.

Based on performing an estimated...

- 10 composite restorations per day
- working 250 days per year
- and light-curing for a total of 70 seconds per restoration

GC G-Light could have a typical operational life-span of around 15 years.

Very simple to use

Variable cure times

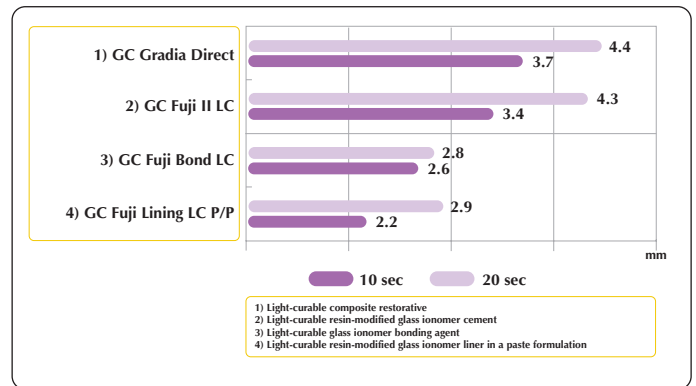
GC G-Light can be set to a range of practical curing times, including 5, 10, and 20 second intervals as well as a continuous mode.

Ergonomic

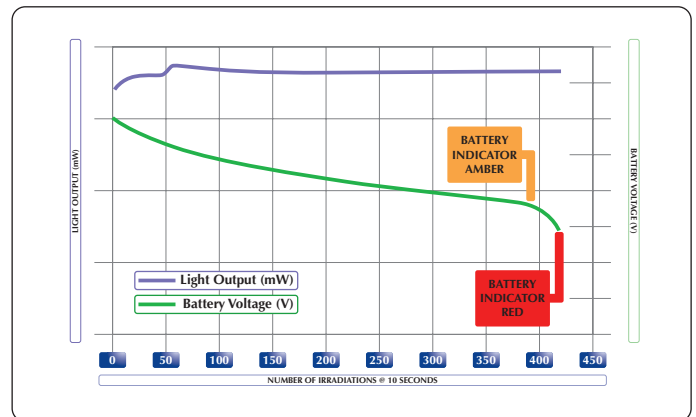
The GC G-Light is cordless for extra convenience and comes in a standard gun-style with a well-balanced weight to ensure maximum comfort and grip while you are working.

Energy-saving

To conserve power, GC G-Light automatically switches off if the light source is not used for more than two minutes after it is activated. The unit will also alert you when the battery is running low.



The GC G-Light can cure all types of light-curable materials with high polymerisation depth



Light output stays constant over 400 x 10 seconds of use



The removable Li-ion battery is charged on a separate charger



Anti-glare cone for eye protection



Low battery warning light



Activate the controls with one hand

GC G-Light – the one light which does it all!

GC G-Light

LED Light Curing System



Ordering information

002320	GC G-Light, EU type, includes light guide, battery, battery charger, power cord and anti-glare cones.
002345	GC G-Light, UK type, includes light guide, battery, battery charger, power cord and anti-glare cones.
GC G-Light accessories	Lithium-ion battery, protective light shield, light guide, anti-glare cones (5 pieces), light stand.

Technical specifications

Light source	LED module containing 7 blue LED's and 1 blue violet LED
Overall wavelength range	390-550 nm
Peak wavelength range	LED blue 465-475 nm LED blue violet 400-420 nm
Light performance	1,200 mW/cm ²
Power voltage	7.2V DC
Battery charger	Input 110-240V AC, 50-60Hz/0.23A Output 7.2V DC, 1.2A
Battery	Lithium-ion battery (2 cells) 7.2V DC, 1700 mAh
Charging time	Approximately two hours
Dimensions and Weight	52 mm (W) x 200 mm (D) (including light guide) x 200 mm (H) 480 g (including light guide and battery)

The complete solution from GC

Use GC G-Light with the GC family of light-cured products and start getting beautiful durable results today.

GC GRADIA DIRECT



A light-cured composite with a unique particle structure and a simple shade system for aesthetic invisibility and excellent polishability, wear resistance and fracture toughness.

GC G-BOND



The one-component, one-coat light-cured bonding system that can etch, desensitise, prime and bond. It's fast, easy to apply and forms a strong consistent bond thanks to nano-interaction technology.

GC Fuji II LC Improved



A light-cured resin-modified glass ionomer that gives beautiful aesthetic results in anterior and posterior Class III and V restorations. Comes in a wide range of shades and is easy to polish to a natural enamel-like translucency.

GC EUROPE N.V.
Head Office
Interleuvenlaan 13
B - 3001 Leuven
Tel. +32.16.39.80.50
Fax. +32.16.40.02.14
E-mail info@gceurope.com
www.gceurope.com

GC UNITED KINGDOM Ltd.
22-23, Coopers Court
Newport Pagnell
UK - Bucks. MK16 8JS
Tel. +44.1908.218.999
Fax. +44.1908.218.900
E-mail info@uk.gceurope.com
www.uk.gceurope.com

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