

radii-cal

HIGH POWERED LED CORDLESS CURING LIGHT

KABELLOSES LICHTPOLYMERISATIONSGERÄT MIT LED-TECHNOLOGIE

FOTOPOLIMERIZADOR LED SEM FIO DE ALTA ENERGIA

UNIDAD LED FOTOCURADO INALAMBRICA DE ALTA POTENCIA

LAMPE À PHOTOPOLYMERISER SANS FIL DE HAUTE PUISSANCE À TECHNOLOGIE LED

LAMPADA FOTOPOLIMERIZZATRICE AL LED SENZA FILI

HIGH POWER DRAADLOOS LED POLYMERISATIELAMP

STÆRK LEDNINGSFRI LED HÆRDELAMPE

TRÅDLØS HERDELAMPE MED HØY EFFEKT

SUURITEHOINEN JOHDOTON LED VALOKOVETIN

ΥΨΗΛΗΣ ΙΣΧΥΟΣ ΦΩΣ ΦΩΤΟΠΟΛΥΜΕΡΙΣΜΟΥ LED, ΧΩΡΙΣ ΚΑΛΩΔΙΟ

高出力コードレスLED重合ライト

強力無線LED冷光筆



radii-cal

light on weight,
radically powerful

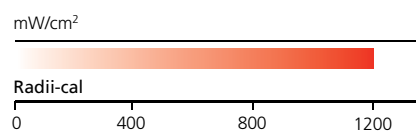


The LED light that produces a super high depth of cure, but only weighs a little.

High intensity

The higher the intensity, the more the light penetrates to cure the underlying restorative, thus achieving a higher depth of cure.

The Radii-cal has an extremely high intensity of 1200mW/cm². Cure your restorative knowing you will have maximum power.

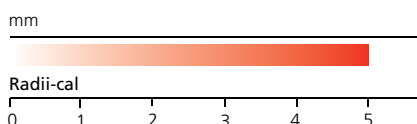


Lightweight

Radii-cal's ergonomic and lightweight design minimizes fatigue and maximizes comfort. The handpiece weighs just 144g / 5.1oz.

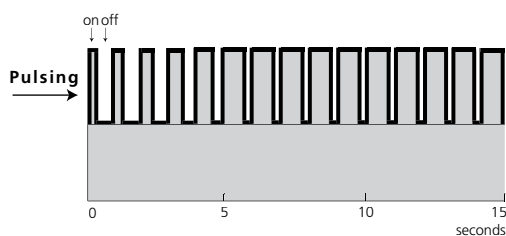
Depth of cure

The greater the depth of cure, the more complete the curing of the restoration. This ensures optimum physical properties of the restorative and increases the longevity of the restoration. Feel confident knowing you will achieve the highest depth of cure.



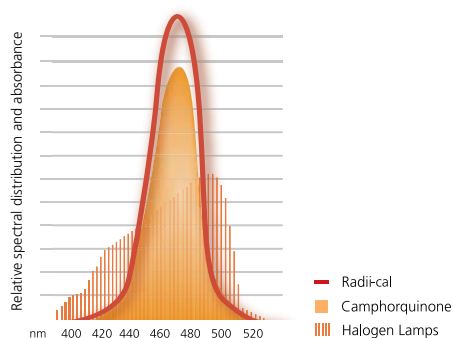
No noisy fan

Unlike many other LED lights, the Radium-cal does not require a fan. It uses heat sink technology to reduce the amount of heat emission. Furthermore, using a combination of pulse technology and steady current, the Radium-cal can achieve a higher light output without generating excess heat.



Efficient energy use

The light emitted by the Radium-cal corresponds to the maximum absorbance of camphorquinone ensuring efficient curing of most light cured restoratives.



Ramp up mode

During the first 5 seconds, the Radium-cal's light output power gradually increases. This 'soft-start' polymerization minimizes stress at the restoration-enamel/dentin junction and reduces marginal gaps in the restoration.

Cordless

The Radium-cal is a cordless unit allowing complete freedom of movement and total control. Save time and frustration with the cordless Radium-cal.

Easy to clean

The smooth gloss finish ensures no bacteria can collect on the surface making it fast and easy to clean.

Built in radiometer

The Radium-cal's built in radiometer provides a simple test to ensure the functionality of the light.

Recharging

The Radium-cal does not need to be constantly recharged. A fully charged Radium-cal allows you 1200 ten second cures before you need to recharge again.

Removeable battery pack

The battery pack simply unscrews from the Radium-cal unit and can be replaced.

2 year warranty

The Radium-cal's robust and reliable construction assures your purchase is a long lasting investment.

radii-cal

Radii-cal LED Light (Australia / New Zealand)	5600100
Radii-cal LED Light (United Kingdom)	5600101
Radii-cal LED Light (North and South America / Asia)	5600102
Radii-cal LED Light (Europe)	5600103
Radii-cal LED Light (China)	5600104

Each Radii-cal kit contains:

- 1 x Radii-cal LED curing light
 - 1 x recharger
 - 1 x transformer
 - 3 x replacement lens caps
- accessories

Replacement Parts and accessories

Replacement parts and accessories which can be installed without special training or equipment, can also be obtained from your authorized SDI dealer.

Replacement lens caps (25 Pack)	5600054
Barrier sleeves (1000 pack)	5600005
Light shield (5 Pack)	5600056
Radii-cal Control Section	5600106
Radii-cal Battery	5600105
Radii-cal Charger (includes plug pack)	
- Australia/New Zealand	5600110
- United Kingdom	5600111
- North and South America / Asia	5600112
- Europe	5600113
- China	5600114
LED Radiometer	5600028



Technical Data

Handpiece (battery, control section and standard LED attachment)

- wavelength range: 440 nm – 480 nm
- peak wavelength range: 460 nm
- RAMP to full intensity: 5 seconds
- light intensity: 1200 mW/cm² (peak)
- duration of continuous use: 60 seconds
- total continuous run time with fully charged battery: 3 hours, 20 minutes
- dimensions: 22mm diameter x 243mm long
- weight: 144g / 5.1 ounces
- battery: 2 x 4.2V Lithium Ion – 1200 mAh

Plug Pack

- input voltage: 90 – 264V – 50/60 Hz
- output voltage: 12V DC
- output current: 750 mA
- dimensions: 70mm high x 45mm wide x 50mm long
- weight: 80g / 2.82 ounces

Charger

- time to charge battery: 60 – 180 minutes
- operating temperature: 10°C - 40°C
- total height with handpiece inserted: 255mm
- dimensions: 70mm wide x 40mm high x 130mm long
- weight: 84g / 3 ounces



Made in Australia by SDI Limited
 Bayswater, Victoria 3153
 Australia 1 800 337 003
 Austria 00800 022 55734
 Brazil 0800 770 1735
 France 00800 022 55 734
 Germany 0800 100 5759
 Ireland 01 886 9577
 Italy 800 780625
 New Zealand 0800 734 034
 Spain 00800 022 55 734
 United Kingdom 00800 022 55 734
 USA & Canada 1 800 228 5166
www.sdi.com.au



M560101 C