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- The full capacity of the Bluephase 20i is particularly useful when consistent and maximum performance is required, for instance, when indirect all-ceramic restorations are placed or orthodontic brackets are bonded.
- Due to the high efficiency and high output, adhesively cemented IPS Empress® and IPS e.max® restorations are polymerized in a few seconds.

## Bluephase® Style

- Slim, ergonomic and lightweight design.
- Uniquely designed light probe makes it easier to access tight areas and steep angles like the lingual surface of lower incisors.
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## COMPARISON CHART

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	<b>Bluephase Style</b>	<b>Bluephase G2</b>	<b>Bluephase 20i</b>
Light intensity	max 1,100 mW/cm <sup>2</sup> ±10%	max 1,200 mW/cm <sup>2</sup> ±10%	max 2,000 mW/cm <sup>2</sup> ±10%
Wavelength	385 – 515 nm	385 – 515 nm	385 – 515 nm
Operating	3 min on / 7 min off (intermittently)	5 min. on / 6 min. off (intermittently)	5 min. on / 6 min. off (intermittently)
Click & Cure (optional corded operation)	✓	✓	✓
Maximum curing time for composites	15 sec	15 sec	10 sec
Maximum curing time for Ivoclar Vivadent composites	10 sec	10 sec	5 sec
Curing programs	HIGH Power: 1,100 mW/cm <sup>2</sup>	HIGH Power: 1,200 mW/cm <sup>2</sup> LOW Power: 650 mW/cm <sup>2</sup> SOFT Start: 650 / 1,200 mW/cm <sup>2</sup>	TURBO: 2,000 mW/cm <sup>2</sup> HIGH Power: 1,200 mW/cm <sup>2</sup> LOW Power: 650 mW/cm <sup>2</sup> SOFT Start: 650 / 1,200 mW/cm <sup>2</sup>
Light probe	10 mm black	10 mm black	10>8 mm black
Power supply	Contactless charging via lithium-polymer battery with capacity ~20 min and charging time ~2h	Lithium-polymer battery with capacity ~60 min and charging time ~2h	Lithium-polymer battery with capacity ~45 min and charging time ~2h
Weight of handpiece	120 g (incl. battery and light probe)	225 g (incl. battery)	225 g (incl. battery)
Dimensions of the handpiece (without light probe)	L = 180 mm, W = 30 mm, H = 30mm	L=260mm, W=42mm H=120 mm	L=260mm, W=42mm; H=120mm
Handpiece style	wand	gun	gun
Warranty	3 years (battery 1 year)	3 years (battery 1 year)	3 years (battery 1 year)

## ORDERING INFORMATION

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	Bluephase Style	635153BU – Gray 642513BU – Blue 642514BU - Pink	Handpiece, charging base, power pack, battery, 10 mm light probe, anti-glare cones
	Bluephase G2	607920BU	Handpiece, charging base, power pack, battery, 10 mm light probe, anti-glare cones
	Bluephase 20i	613435BU	Handpiece, charging base, power pack, battery, 10>8 mm light probe, anti-glare cones and shield



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# Bluephase®

LED Curing Lights

A collection of Ivoclar Vivadent Bluephase LED curing lights. In the center, a Bluephase Style unit is docked in its white and black charging base. To its left, a Bluephase 2 unit is shown in its base, and a Bluephase Meter II unit is positioned in front of it. To the right, another Bluephase 2 unit is shown in its base. All devices are white with blue accents and are placed on a highly reflective white surface. The background is a soft, out-of-focus white.

**ivoclar  
vivadent®**  
passion vision innovation

## Bluephase® G2

- The battery-operated Bluephase G2 features a light intensity of 1,200 mW/cm<sup>2</sup>, three programs and rotatable light probe with a constant diameter of 10mm which enables collimated light for deep curing with short curing times.
- Polywave™ LED technology to cure all dental materials<sup>1</sup>.
- Click & Cure for battery-independent emergency corded operation provides peace of mind.
- Large 10-mm diameter probe prevents time-consuming multiple curing cycles.
- Awards from renowned institutions are a testament to the success and high quality standard of Bluephase G2.

A large, ergonomic dental curing light with a white body and a black handle. The handle is curved and has a small control knob. The device is shown from a side profile, highlighting its sleek design. The Ivoclar Vivadent logo is visible on the base.

A smaller, handheld dental curing light with a white body and a black handle. It has a digital display on the front. The device is shown from a side profile, highlighting its compact design. The Bluephase Meter II logo is visible on the front.

## Bluephase® Meter II

- The Bluephase Meter II is ideal for checking the light intensity of all dental curing lights with higher accuracy and more flexibility.
- Due to its newly developed measuring principle Bluephase Meter II is the first radiometer suitable to instantly check the light intensity of all available curing lights with very high precision.
- Portable device with ergonomic design for daily mobile use.

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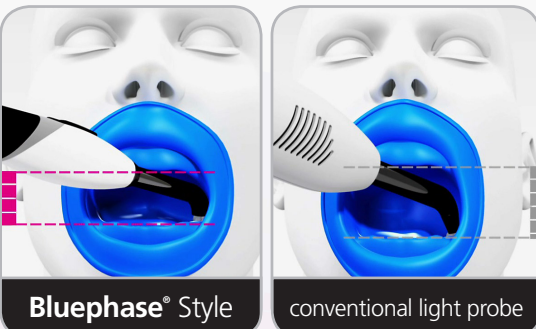
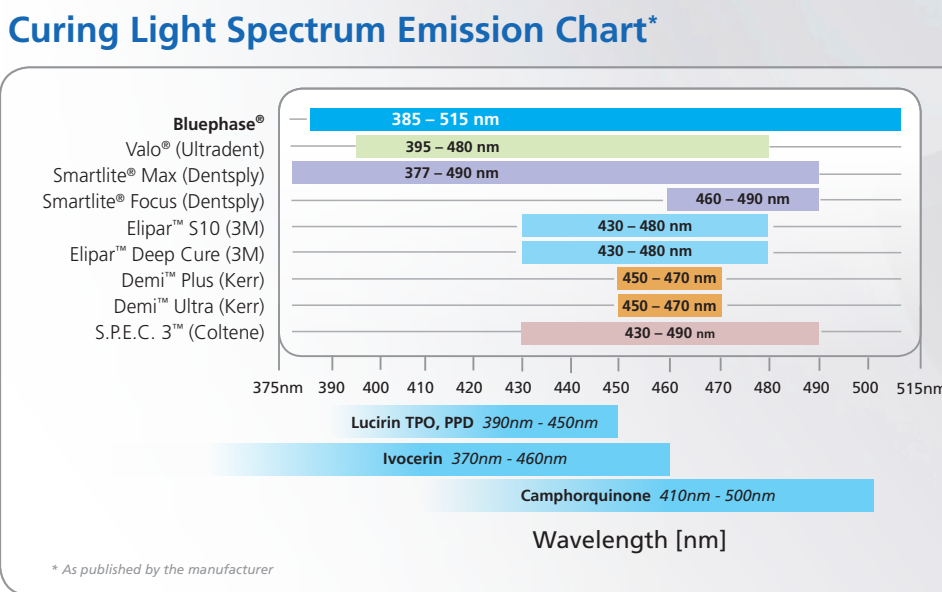
## Bluephase® Style

Introducing the latest innovation in LED curing light technology in a slim and lightweight design.

Bluephase Style represents the latest in LED Curing Light technology. With Polywave™ technology to cure all dental materials\*, a newly designed light probe for easy access to posterior teeth and the option to be used cordless or corded, Bluephase Style provides the ultimate curing experience for you and your patients.

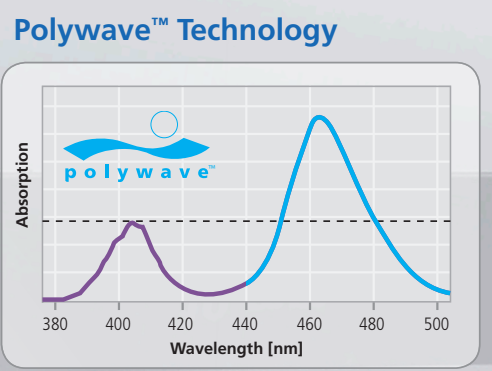
**POLYMERIZATION TECHNOLOGY**  
Photoinitiator systems for dental resins have historically been based on camphorquinone (CQ). Due to its yellow color, many resins today are formulated with the addition of lighter initiators, such as Lucirin TPO and phenyl-propanedione (PPD). It is important to note that CQ absorbs light in a different spectrum than TPO and PPD. Alternative photoinitiators absorb light in a lower range than the wavelength emitted by most light-emitting diode (LED) curing lights. Therefore, curing resins containing alternative photoinitiators require the use of a broad-spectrum light for complete polymerization.

The Bluephase® Style LED curing light utilizes Polywave technology, allowing it to achieve a broadband spectrum of 385-515nm (similar to the spectrum of halogen lights). It polymerizes all current photoinitiators and materials on the market while most others do not. Therefore, when using the Bluephase Style, there is no need to worry about incompatibility issues between your curing light and the resin material being used.

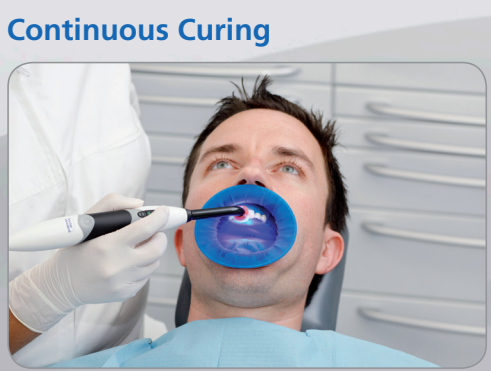


**Newly Designed Light Probe**  
The newly designed light probe maximizes posterior access, while the 10 mm diameter of the probe allows you to cure even the largest restorations in just 10 seconds.

**Intuitive Operation**  
The easy-to-use 2-button operation makes the Bluephase Style extremely user friendly!



Bluephase Style's Polywave™ technology provides a broadband spectrum of 385-515 nm, which allows you to cure all dental materials on the market today!†



Due to an energy-efficient LED technology, Bluephase Style produces less internal heat compared to other LED lights, providing continuous curing with NO clinical limitations!



The inductive charging system eliminates the need for battery contacts, which allows for much easier maintenance and charging of your battery!



The innovative Click & Cure corded battery backup option enables you to go from cordless to corded operation in just one "click"!

## Bluephase® Meter II

Bluephase Meter II is a precise dental radiometer for the quick and easy verification of the curing light intensity in [mW/cm²] and the light output in [mW]. Unprecedented measuring accuracy for a radiometer with a tolerance of only ± 10 %, making it two times more accurate than most portable radiometers currently available.

Suitable for all types of dental curing lights in the wavelength range of 380-550nm including halogen, plasma, and LED.

