

# Bluephase® Style

The curing light

The smallest LED  
for every use



**ivoclar**  
**vivadent**  
passion vision innovation

## Bluephase®: The LED for every use ...



True innovation proves itself in use. A perfect example of this is the Bluephase curing light with the specially developed Polywave® LED, which is capable of polymerizing all current photoinitiators and materials. This puts the Bluephase light on an equal footing with the halogen lights, the previous industry standard.



Bluephase sets new standards in every respect. It is not only the best-selling LED polymerization light in Europe, but it is also frequently used in clinical and scientific studies<sup>1</sup> and has been ranked top light-curing unit by independent and renowned test institutes.

Grounded in proven concepts and open to further development: These principles are embodied in the Bluephase Style. Whilst offering a performance comparable to that of the existing Bluephase light, the new **Bluephase Style** features a compact and ergonomic shape that **fits the hands of women and men** even more comfortably.



Bluephase: now even smaller

<sup>1</sup> IADR Barcelona 2010  
Mentions in abstracts

... and now comfortable to fit every hand



Conventional LED devices are available either as a pistol or a pen. Bluephase Style combines the two: It can be held like a **pen** or like a **pistol**. Given the light's low weight and balanced weight distribution, the strain exerted on the hand and arm is reduced, regardless of the size of the hand.

The light probe of Bluephase Style clearly stands out from all the other known light probes. It is **shortened** and can be rotated by 360 degrees, enabling easy access to all tooth surfaces **without extreme opening of the mouth**.



Bluephase Style can be held like a pen or like a pistol.

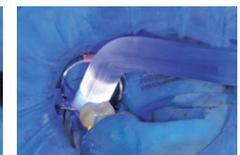


Two-button operation

Bluephase Style



Competitive light

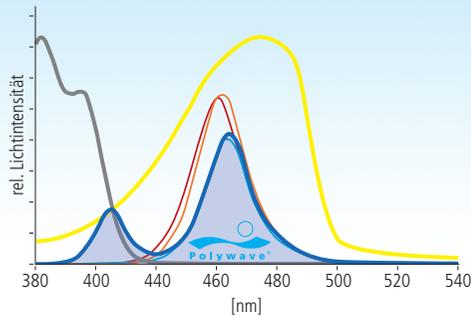


Even difficult-to-reach areas can be easily accessed.  
(Dr Eduardo Mahn, Santiago, Chile)

## Every material due to Polywave® LED

The capability to cure all dental materials is related to the light emitted. In contrast to the LED lights of the second generation, the **Polywave LED** curing lights achieve an optimal broadband spectrum of 385 to 515 nm, similar to the spectrum of halogen lights that served as their model. Therefore, Bluephase Style is suitable for polymerizing all current photoinitiators and materials without any restrictions.

### Wavelength range



Source: R. Price, Dalhouse University Halifax, 2011

\* These trade names are not registered trademarks of Ivoclar Vivadent AG.

<sup>1</sup> LED light of the 2<sup>nd</sup> generation

<sup>2</sup> LED light of the 3<sup>rd</sup> generation

*"LED curing lights with polywave technology should be preferred over single peak devices."  
Price R, Fahey J, Felix C: Knoop hardness of five different composites cured with single peak and polywave LED curing lights. Quintessence Int. 2010; 41; e181-e191*

## Every indication due to continuous cooling

Because Bluephase Style incorporates particularly energy-efficient LED technology, it produces less heat than an LED light providing the same output. As a result, the need for a **fan** has been **eliminated**. That means you can just get on with your work – even when using the light in continuous operation to place extensive indirect restorations.

## Every time due to Click & Cure

Cordless operation ensures maximum mobility in the dental practice. The proven **Click & Cure** function enables you to avoid irritating waiting times in case the battery has run out. With just one click you can connect the handpiece to the power cord of the charging base.

### Click & Cure



This is how it works: Turn around charging base, remove power cord, attach to handpiece, resume work as usual.

1,100 mW/cm<sup>2</sup>

**Easy operation**  
Two-button operation

**Inductive charging**  
enables contactless charging of the battery.

**Charging base with battery charge indicator**  
The illuminated ring appears black if the battery is fully charged.

**3-year warranty**  
**Battery 1 year**

# Bluephase® Style cures effectively even from a distance

Given the large **10-mm diameter** of the light probe, the light completely covers large cavities. Time-consuming multiple curing cycles for MOD restorations are thus no longer necessary.

Special optical technology enables the intensive light of Bluephase Style to penetrate deep into the light-curing material and ensures that an exceptionally high light intensity is available in critical areas in particular. A reliable cure can be achieved even when the material is light-cured from a long distance, for instance in proximal boxes.

Because of its high light intensity, Bluephase Style allows large curing depths to be achieved with curing times as short as 10 seconds for composites and adhesives.

Bluephase Style

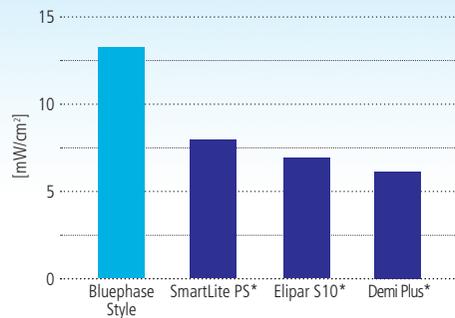


Competitive light



The 10-mm light probe allows MOD fillings to be irradiated only once, saving valuable time.

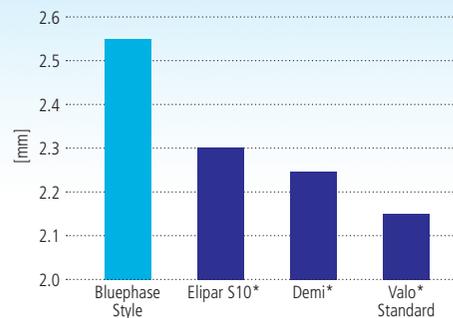
Transmission energy at a distance of 4 mm



Source: Excerpt R. Price, Dalhouse University Halifax, 2011 (study commissioned by Ivoclar Vivadent AG)

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Curing depth of Tetric EvoCeram® A3



Curing time with Bluephase Style: 10 seconds; curing time with other devices: according to manufacturer's directions.

Source: R&D Ivoclar Vivadent Schaan, 2010



## Bluephase® Style is available in three different colours

Bluephase Style is an eye catcher for your dental office. Available in a pink, blue and grey version, the small, handy polymerization light adds colour to daily office routines. And it fits perfectly into every practice environment.

Bluephase Style, pink



Bluephase Style, grey



Bluephase Style, blue



# Bluephase® Style at a glance

## Technical data

Bluephase Style	1,100 mW/cm <sup>2</sup> ±10 %
<b>Every hand</b> (ergonomic design)	✓
<b>Every material</b> (wavelength range)	✓ (385–515 nm)
<b>Every indication</b> (continuous operation for at least 10 min)	✓
<b>Every time</b> (Click & Cure: optional mains operation)	✓ (lithium-polymer battery)
<b>Curing time for selected composite materials</b> 2 mm   Tetric EvoCeram®/IPS Empress Direct® 4 mm   Tetric EvoCeram® Bulk Fill	10 s 10 s
<b>Power supply</b>	Contactless charging via lithium-polymer battery, capacity: approx. 20 min; charging time: approx. 2h
<b>Weight of handpiece</b>	120 g (incl. battery and light probe)
<b>Dimensions of handpiece</b> (without light probe)	L = 180 mm, W = 30 mm, H = 30 mm
<b>Weight of charging base</b>	195 g
<b>Dimensions of charging base</b>	D = 125 mm, H = 70 mm
<b>Warranty</b>	3 years (battery 1 year)

Every material, every indication, every time – and now for every hand. Only this unique combination gives you the licence to cure.

## Delivery forms/accessories

	Art. no.
<b>Bluephase Style 100–240 V grey</b>	635 153
<b>Bluephase Style 100–240 V blue</b>	642 513
<b>Bluephase Style 100–240 V pink</b>	642 514
Handpiece, battery, light probe 10 mm (black), charging base, power cord and power pack, anti-glare cones (3x), protective sleeves (50x), Operating Instructions	
<b>Light probe 10 mm, black</b>	636 240
<b>Light probe Pin-Point 6 &gt; 2 mm, black</b>	636 241
<b>Protective sleeves, 50x</b>	636 239
<b>Anti-glare cone</b>	551 756
<b>Anti-glare shield</b>	592 496
<b>Bluephase Style handpiece grey</b>	637 916
<b>Bluephase Style handpiece blue</b>	643 296
<b>Bluephase Style handpiece pink</b>	643 307
Handpiece, battery, light probe 10 mm (black )	



## Direct Restoratives

Bluephase® Style forms a part of the “Direct Restoratives” product category. The products of this category cover the procedure involved in the direct restoration of teeth – from preparation to restoration care. The products are optimally coordinated with each other and enable successful processing and application.



### THESE ARE FURTHER PRODUCTS OF THIS CATEGORY:

#### Tetric EvoCeram® Bulk Fill

The bulk-fill composite



Posterior efficiency, zero compromise

- Fill with up to 4 mm bulk increments due to Ivocerin®, the patented light initiator
- Sculpt and contour with ease as a result of the material's smooth consistency
- Then light-cure ... and the esthetic restoration is done!

#### OptraGate®

Latex-free lip and cheek retractor



The gentle solution for a better view

- Considerably enlarged access to the treatment field
- Enhanced patient comfort due to three-dimensional flexibility
- Universal range of indications

Would you like to know more about the products of the “Direct Restoratives” category?

Simply get in touch with your contact person at Ivoclar Vivadent or visit [www.ivoclarvivadent.com](http://www.ivoclarvivadent.com) for more information.

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