

Light ID **HF120**

Date **November 13, 2019**

For best performance test regularly

**0 mm** Light tested directly on sensor  
Light Mode: Standard

Irradiance Measurement at 0 mm

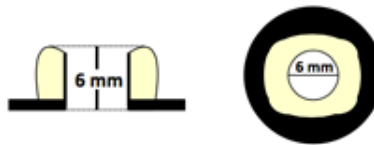
**906\*** mW/cm<sup>2</sup>

**6 mm** Light tested 6 mm from sensor  
Light Mode: Standard

Irradiance Measurement at 6 mm

6 mm distance using tooth

**704\*** mW/cm<sup>2</sup>



**VALO Cordless**  
Ultradent Products, Inc.

Light Type	LED-B
Stated Irradiance	900 mW/cm <sup>2</sup>
Variance	+1%
Light Tip	Default Fixed Light Tip (10 mm)
Modes Available	3

**Physical Assessment**

Damage to light tip	No
Debris on light tip	No
Damage to body	No

**Curing Protocols**

Time Used **11.7s**

Curing Cycles **1**

Infection Control **Yes**

Eye Protection **No**

**Notes**

Distance and Area can have a significant effect on irradiance.

Manufacturer/Brand	Category	Max Increment	Min Curing Times	
			0 mm	6 mm
Filtek Z350 XT / 3M	Dentin, A6B and B5B	1.5	40	40
Filtek Z350 XT / 3M	Body, Enamel, Translucent	2.0	20	20
RelyX U200 / 3M	All shades (Per Surface)	--	20	20
RelyX U200 / 3M	RelyX Fiber Posts from Occlusal	--	40	40
Single Bond Universal / 3M	Single shade	--	10	10
Vitrebond / 3M	All shades	2.0	30	30
Vitremer GI	Insufficient manufacturer documentation. Please contact the manufacturer.			

\* Please see the Terms and Conditions of this report. The information contained in this report is not a substitute for (a) the manufacturer's directions for use of the curing device and resin composite, and (b) the dentist's own professional training, experience and judgement.

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