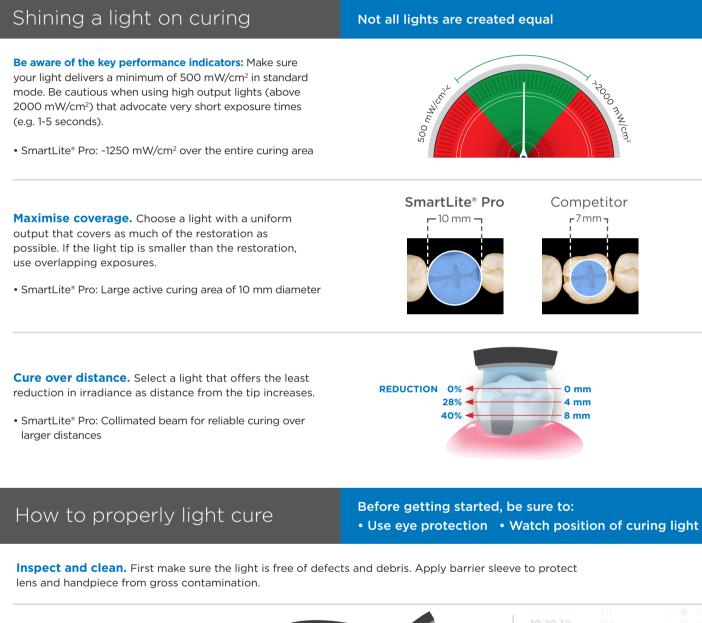
The importance of proper light curing

There are several clinical challenges dentists encounter if they choose an inadequate curing light or apply inappropriate light curing techniques, including weak adhesion and compromised physical and chemical properties of the restorative material. In fact, studies revealed that more than 37% of composite restorations are insufficiently cured.¹ This will likely have a negative impact on the longevity of the restoration.

The following guidelines are based on the Consensus Statements on Light Curing² (Northern Light Meetings, Halifax) and are intended to help you achieve more predictable and reliable outcomes.



Place light. Position light as close as possible (without touching) and with tip parallel to the surface of the restoration.



For SmartLite® Pro,

table on the back of

this guide.

Statute of

please refer to the curing

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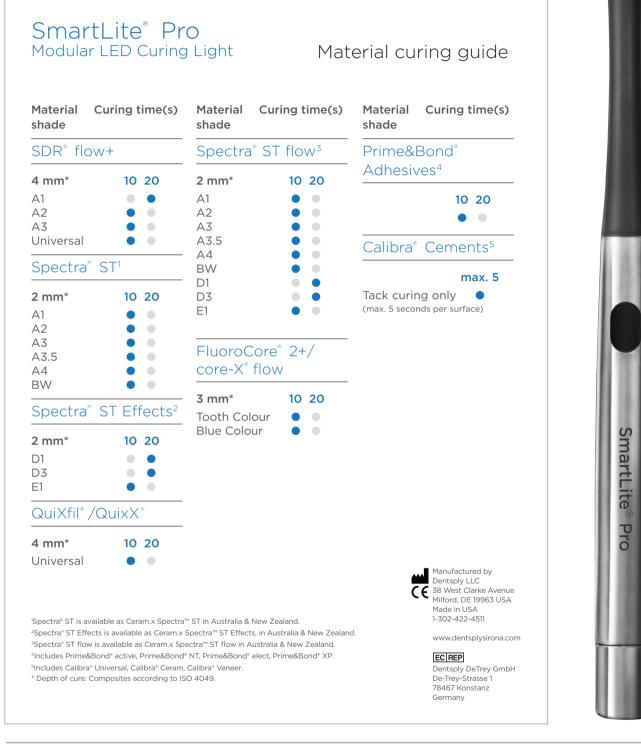
Double check. Light cure restoration for recommended time. Follow the resin manufacturer's curing table.

¹Boksman L, Santos GC. Principles of Light Curing. Inside Dentistry 2012; 8: Issue 3. ²Price R., Light Curing Guidelines for Practitioners: A Consensus Statement from the 2014 Symposium on Light Curing in Dentistry, Dalhousie University, Halifax, Canada, J Can Dent Assoc 2014;80:e61. ³Strassler H., Oxman J., Rueggeberg F., What should you look for in a curing light? CDAessentials, 2015;3(6):30-3.

Surassier m, Oxman J, Rueggeberg F, What should you look for in a curing light? CDAessentials, 2015;3(6): 2Price R, Guidelines For Using Bulk Fill Resin Composites. CDAessentials 2017;4:39.

Curing time chart

Knowing the right curing time for the material used in the restoration can be the difference between restoration success and failure. The below chart outlines the appropriate curing time for Dentsply Sirona restorative materials when cured with SmartLite® Pro Curing Light (Cure Tip).



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