

Sculpt with Light

Theory and techniques
by **Ciro Sannino**

*V-Ray Official Trainer certified by Chaos Group
CEO of Learnvray.com / 5SRW Founder
Personal website www.cirosannino.it*



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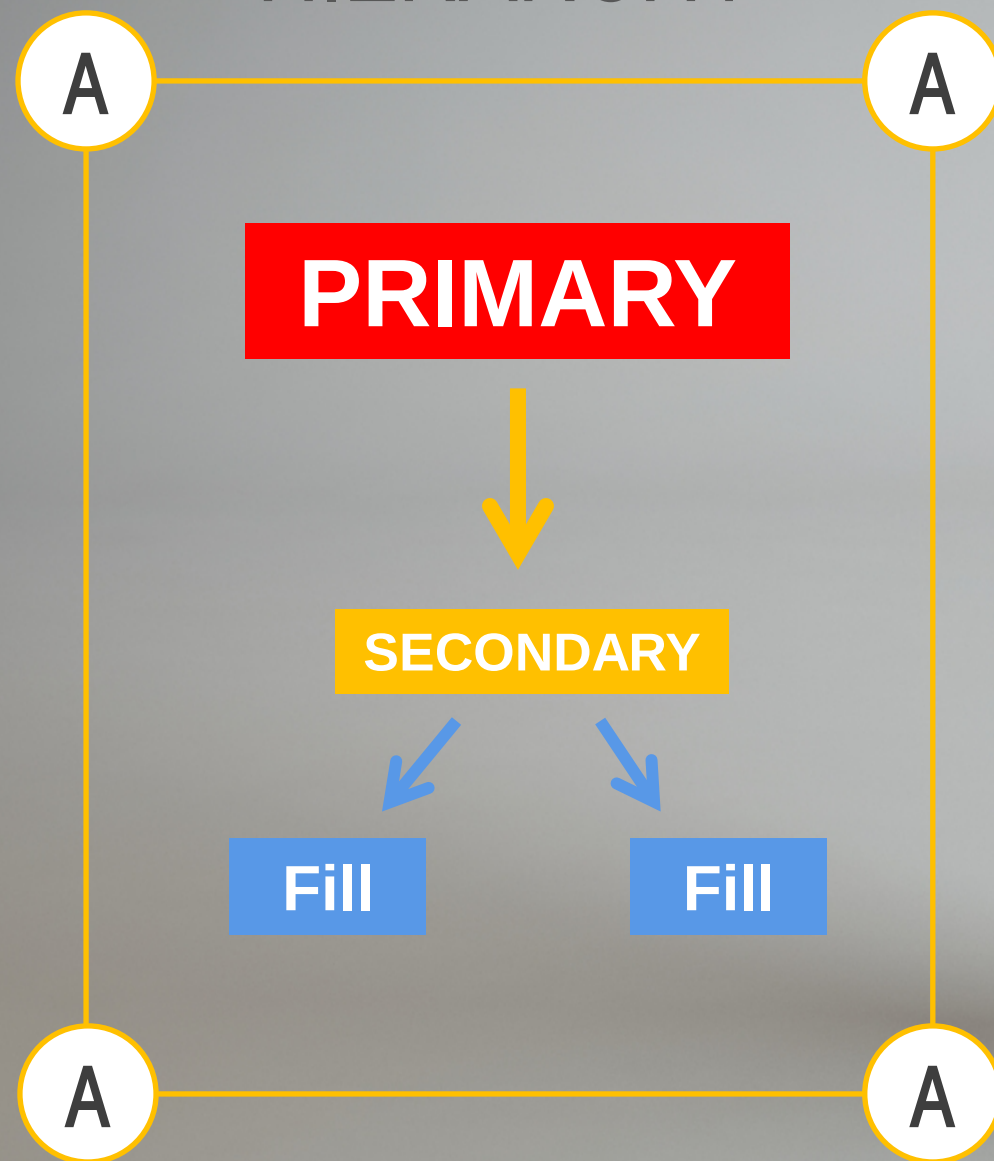


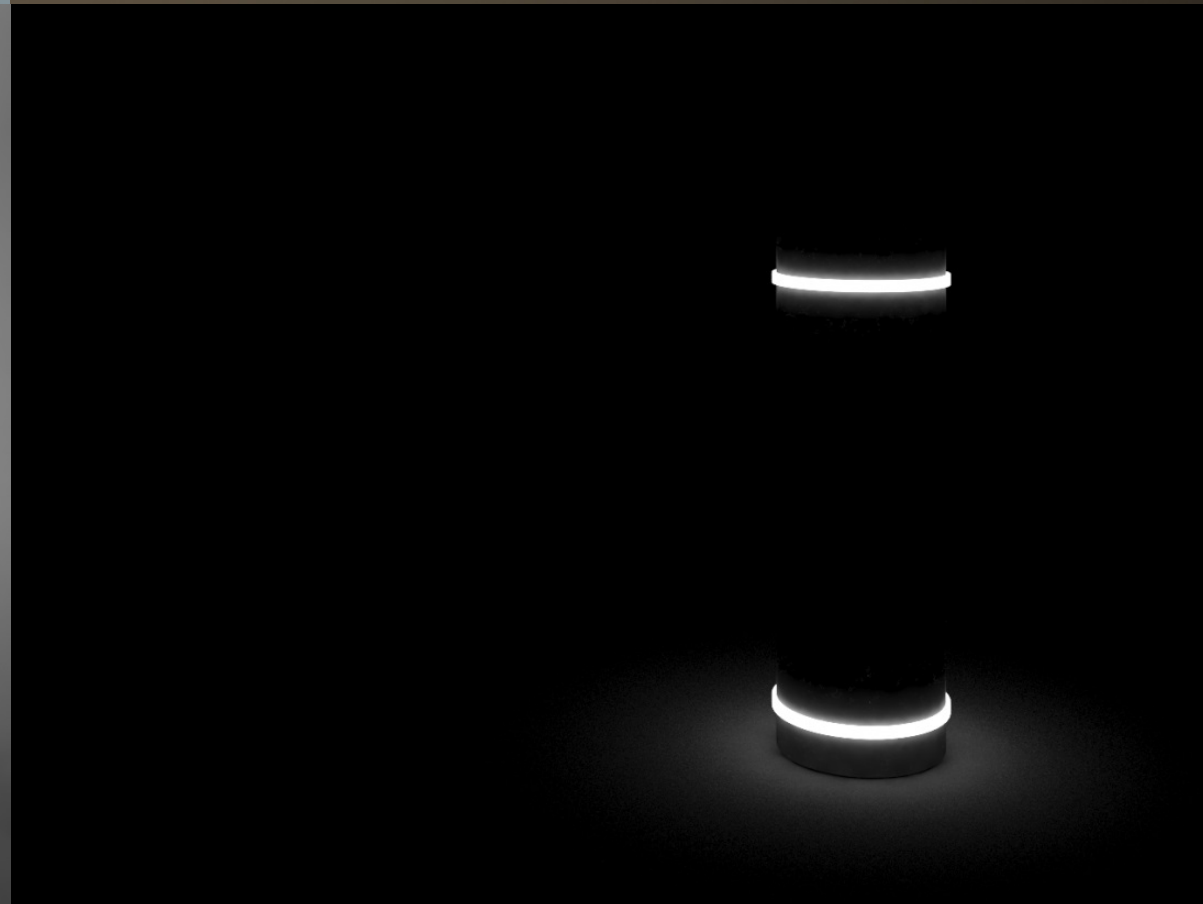
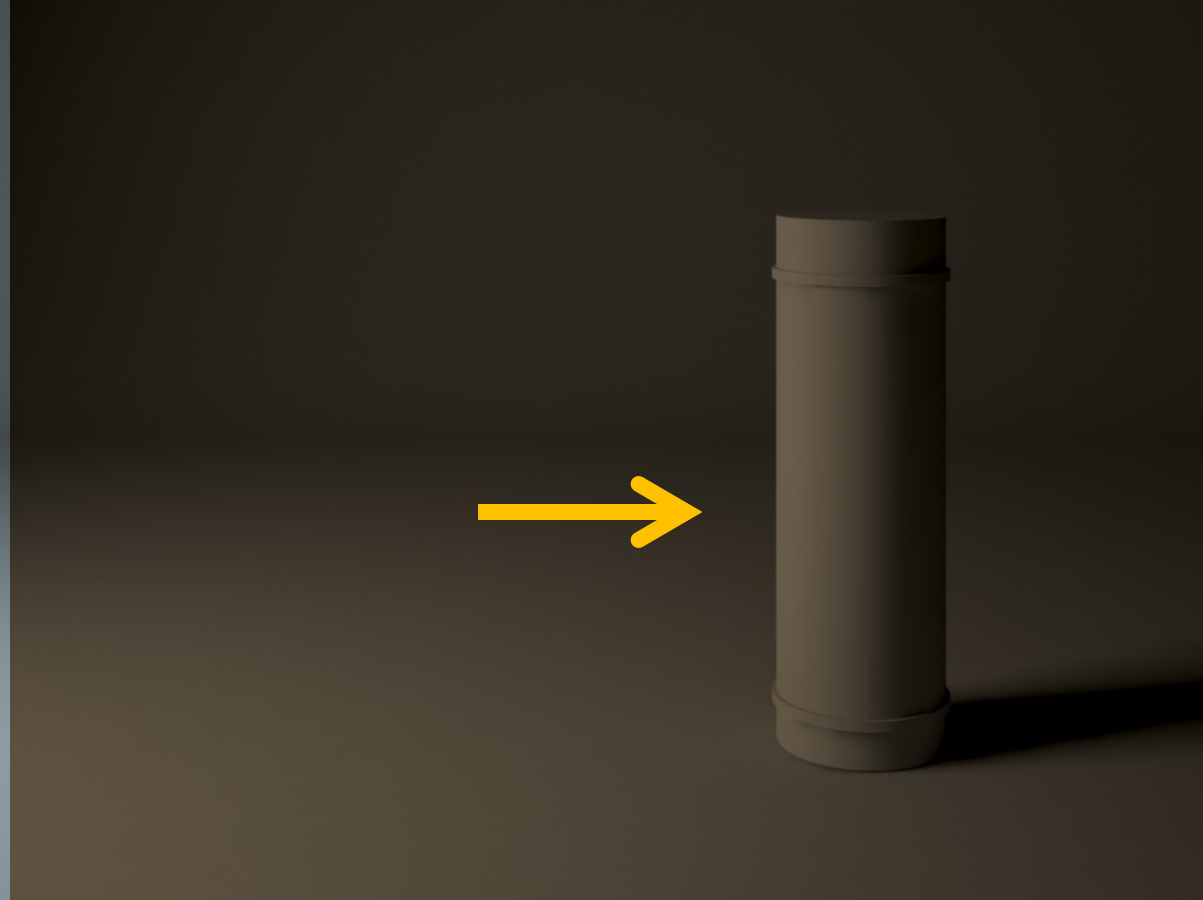
cgarchitect.com



AUTODESK UNIVERSITY 2015

HIERARCHY





**INTENSITY
&
SPACIALITY**



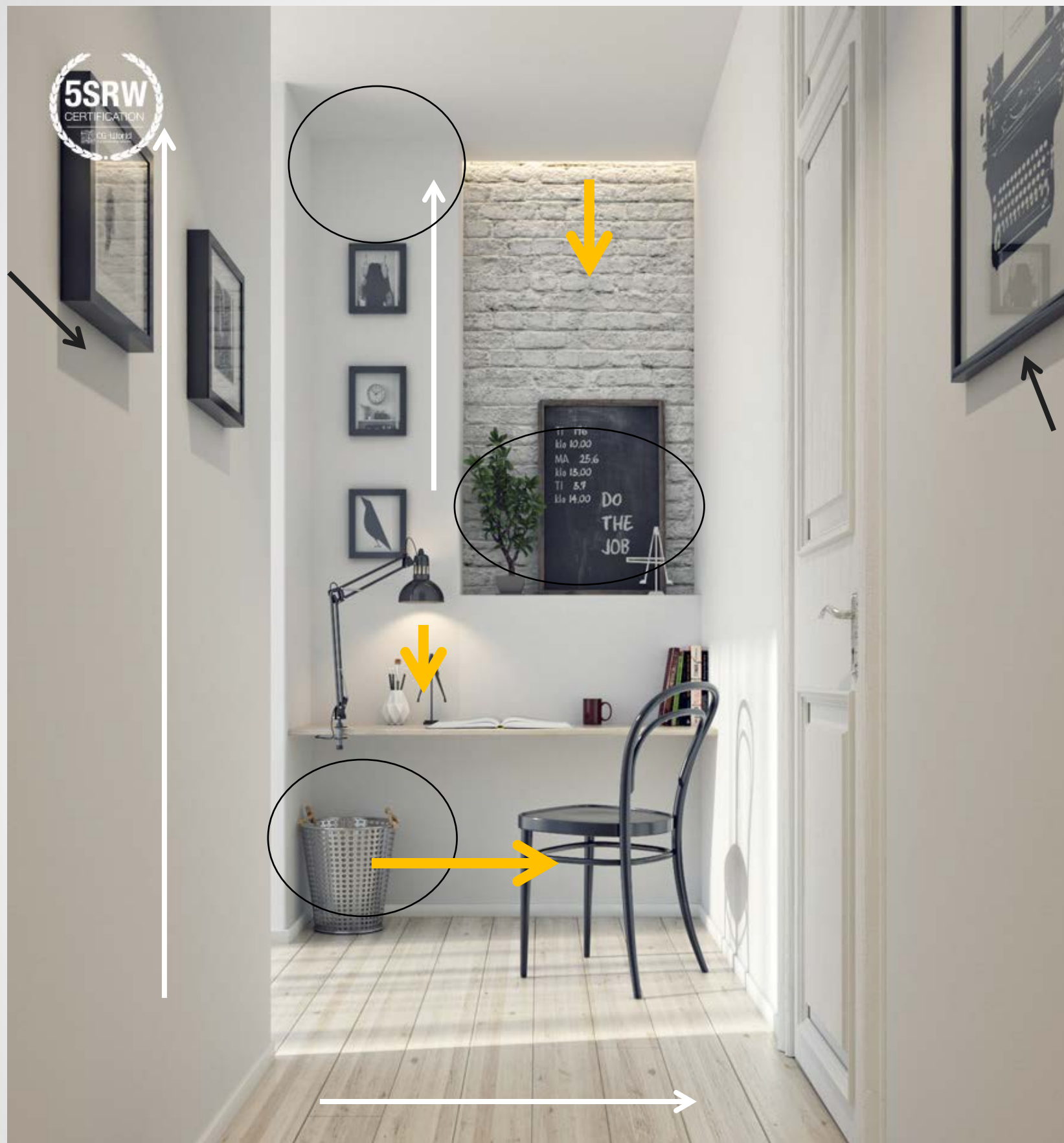


If I had been born one or two hundred years ago, I might have been a sculptor, by the way photography is a very quick way to make a sculpture

**Robert
Mapplethorpe**

Why

is a good option using the **medium gray**
for the light balance step?



Building
the
**Light
Hierarchy**
using
Medium Gray



“The Girl with Golden Hair”

Lord Frederick Leighton, 1895
Study before painting

Structure

Framing + Light Balance



Hieararchy

2 Layers

Primary / Secondary light



PRIMARY

SECONDARY



PRIMARY



SECONDARY



Render by Carlos Céspedes
created with 5SRW method

Hieararchy

3 Layers

Primary / Secondary / Fill light



PRIMARY

Ceiling Lights



SECONDARY

Spot Lights / IES



Fill

Fill

Bank lights



Fill

SECONDARY

PRIMARY





Fill

SECONDARY

PRIMARY

Render by Robert Dukes
created with 5SRW method



Secondary Tip

Secondary + Fill light ALIGNMENT



Where?

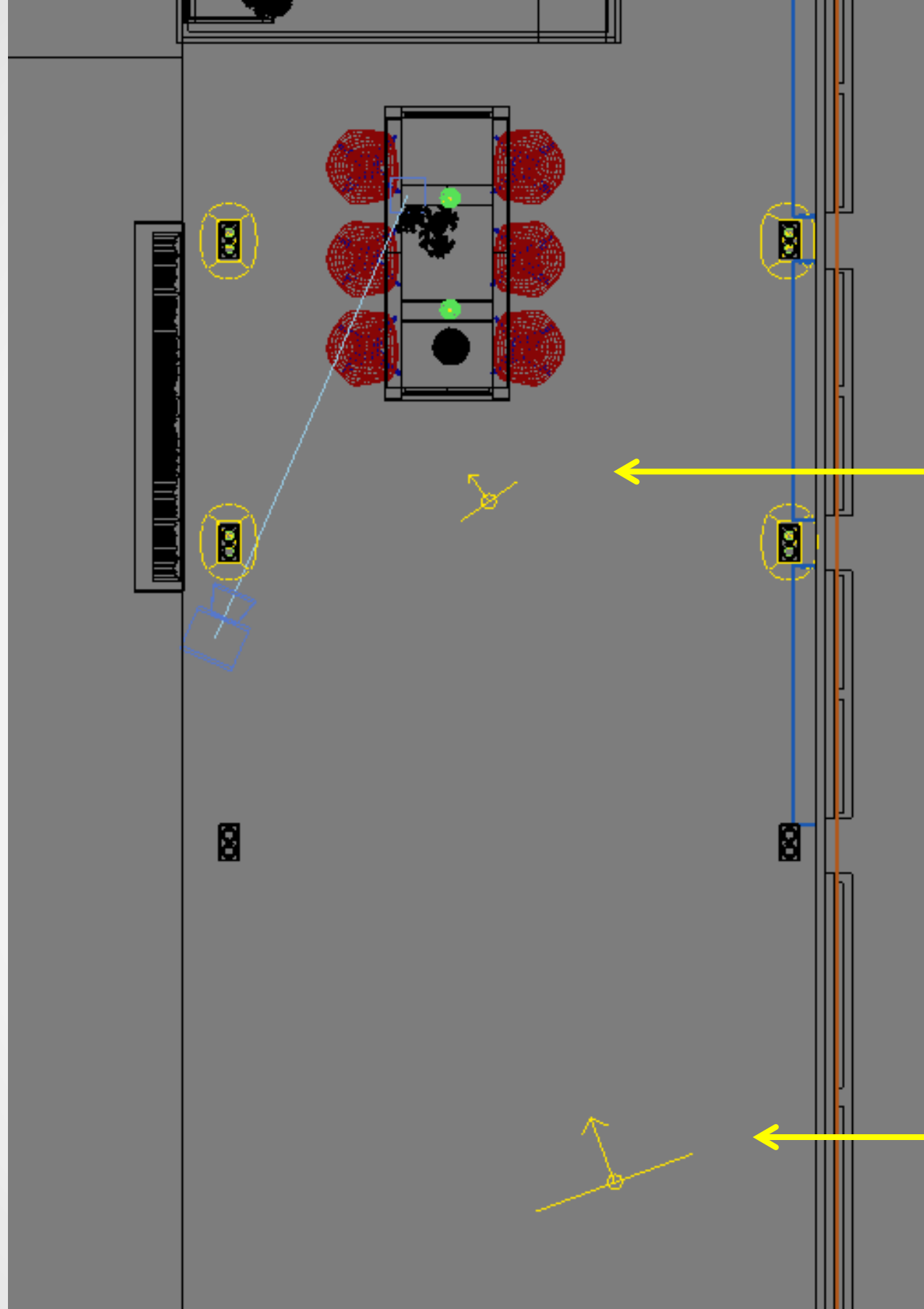




100% 25% 11% 6% 4% 3% 2% 2% 1% 1%

1 2 3 4 5 6 7 8 9 10





20

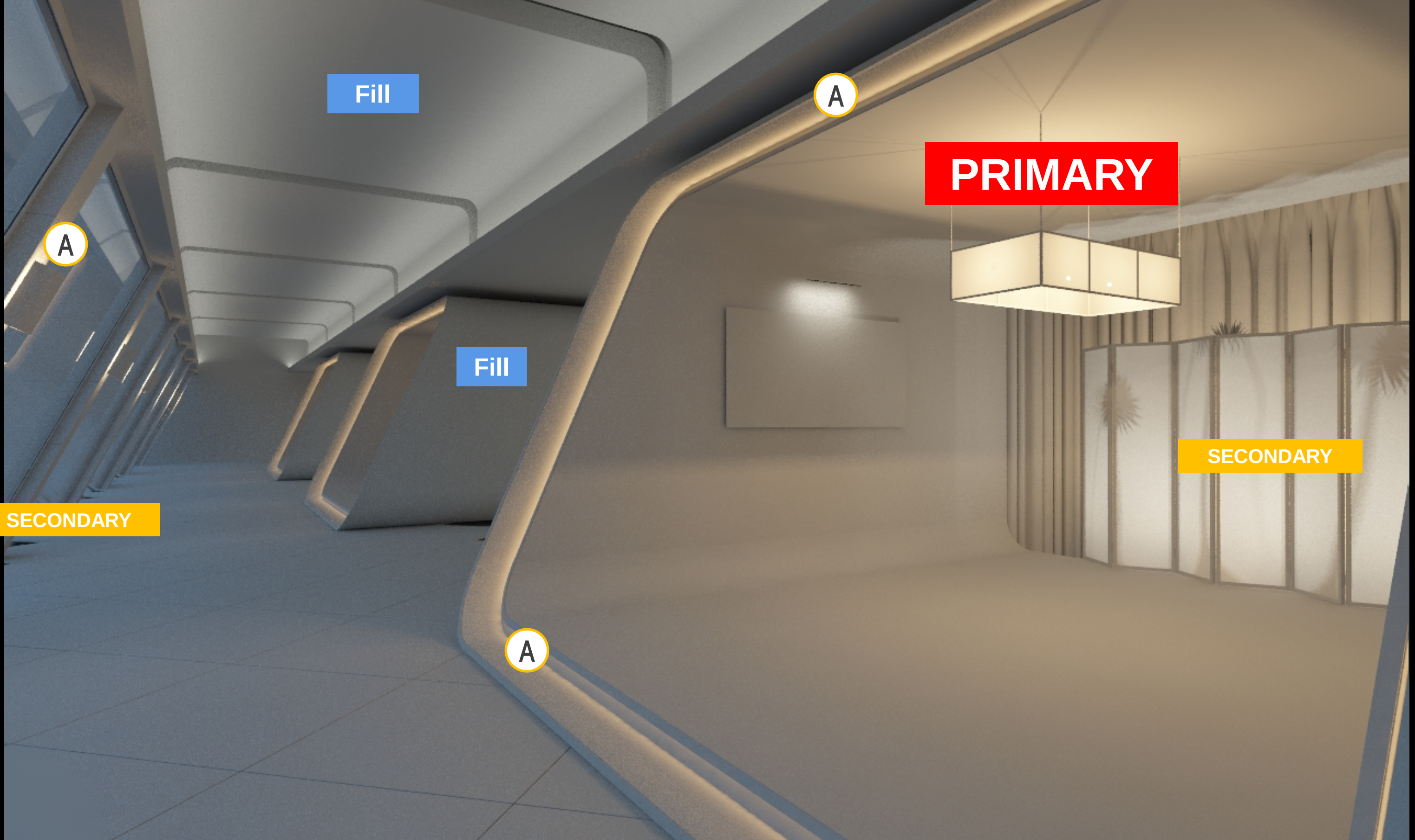
600



Hieararchy

4 Layers

Primary / Secondary / Fill light / Accents



Fill

A

PRIMARY

Fill

SECONDARY

SECONDARY

A



It's always about **Hierarchy**

SECONDARY



A

Fill



PRIMARY





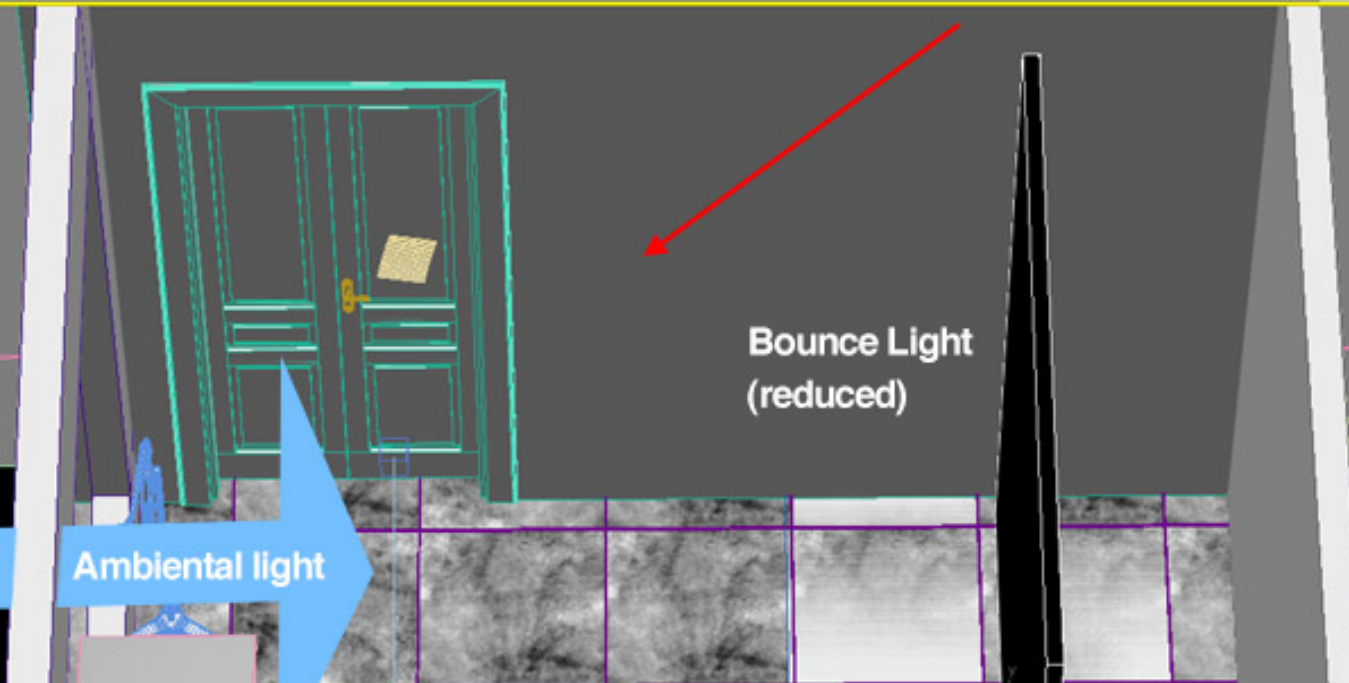
To know more about «Photosurrealism»

CLICK → <http://www.learnvray.com/vray-news/photosurrealism>

**It's not all about
adding light**









To know more about «**Beyond Ambient Occlusion**»

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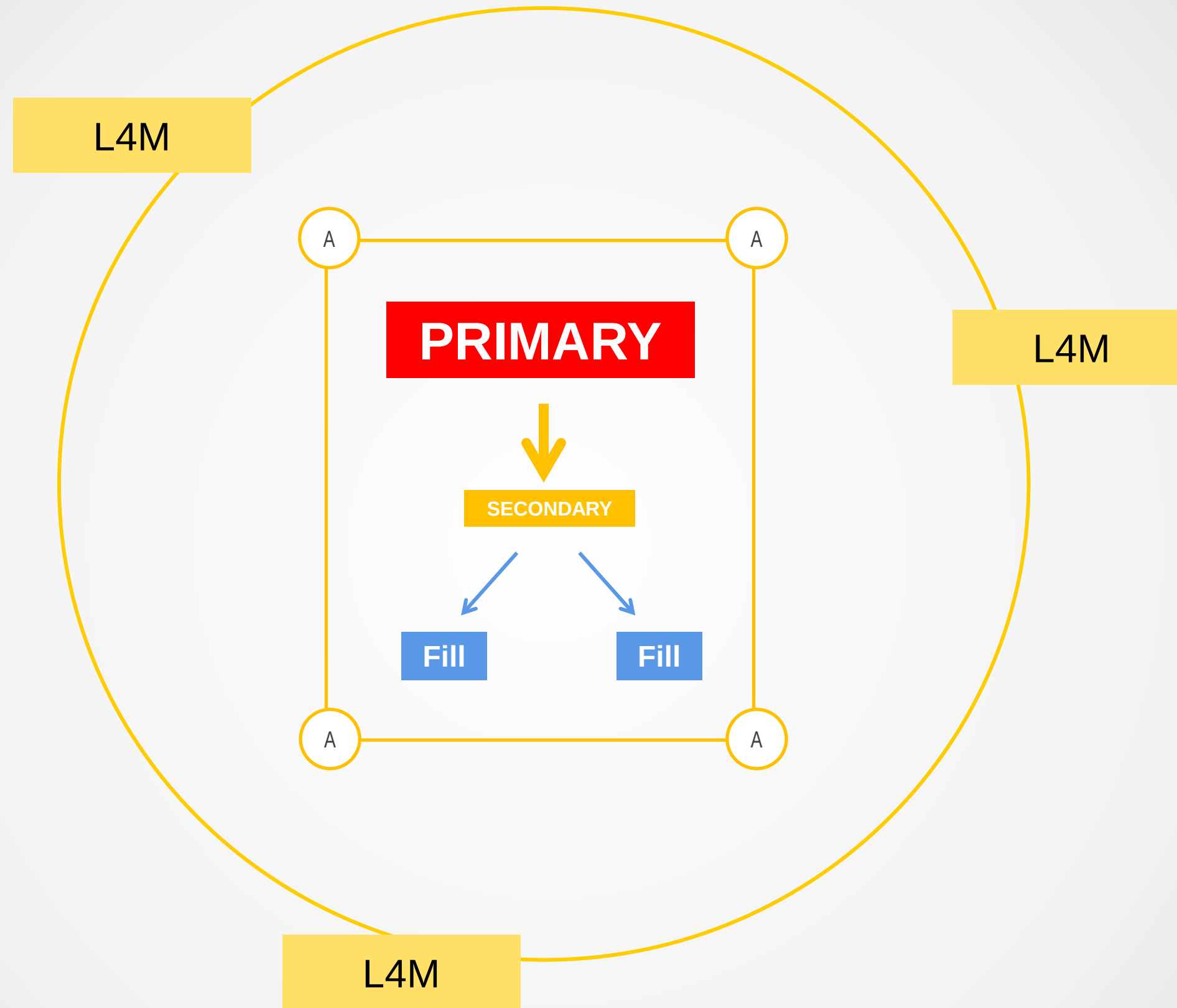
Hieararchy

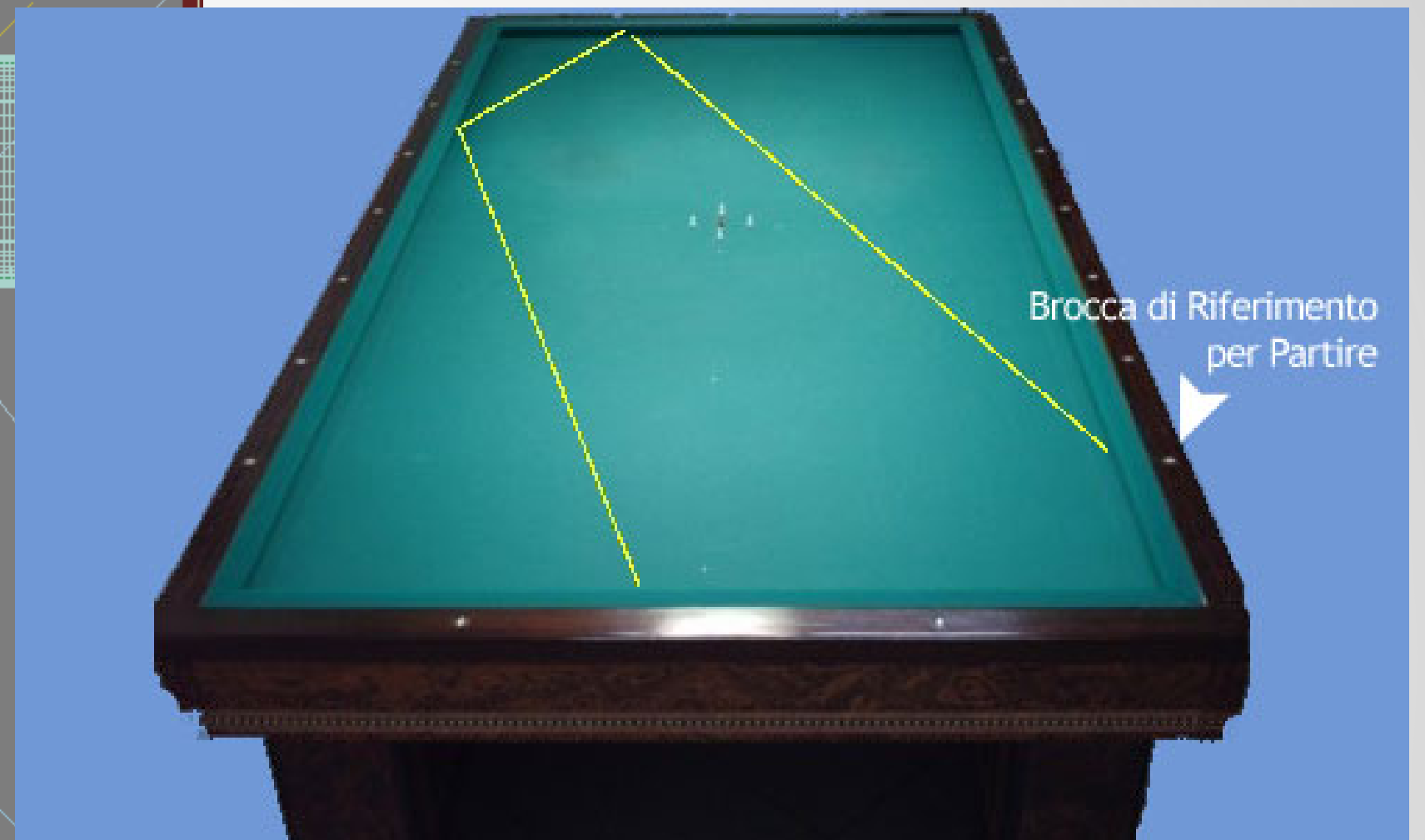
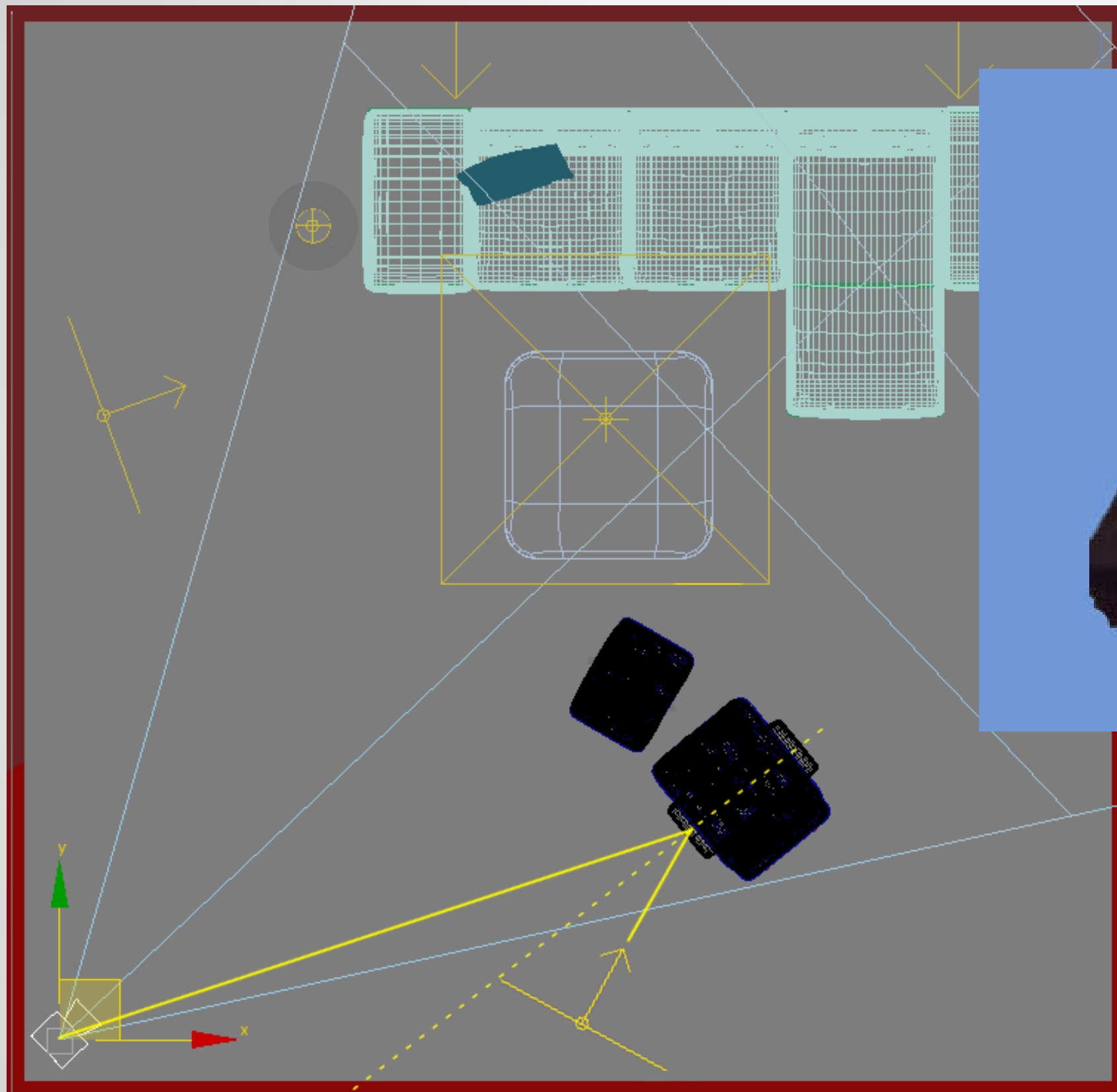
5 Layers

Primary / Secondary / Fill light / Accents +

Light for Materials (L4M)

5-Layer Hierarchy



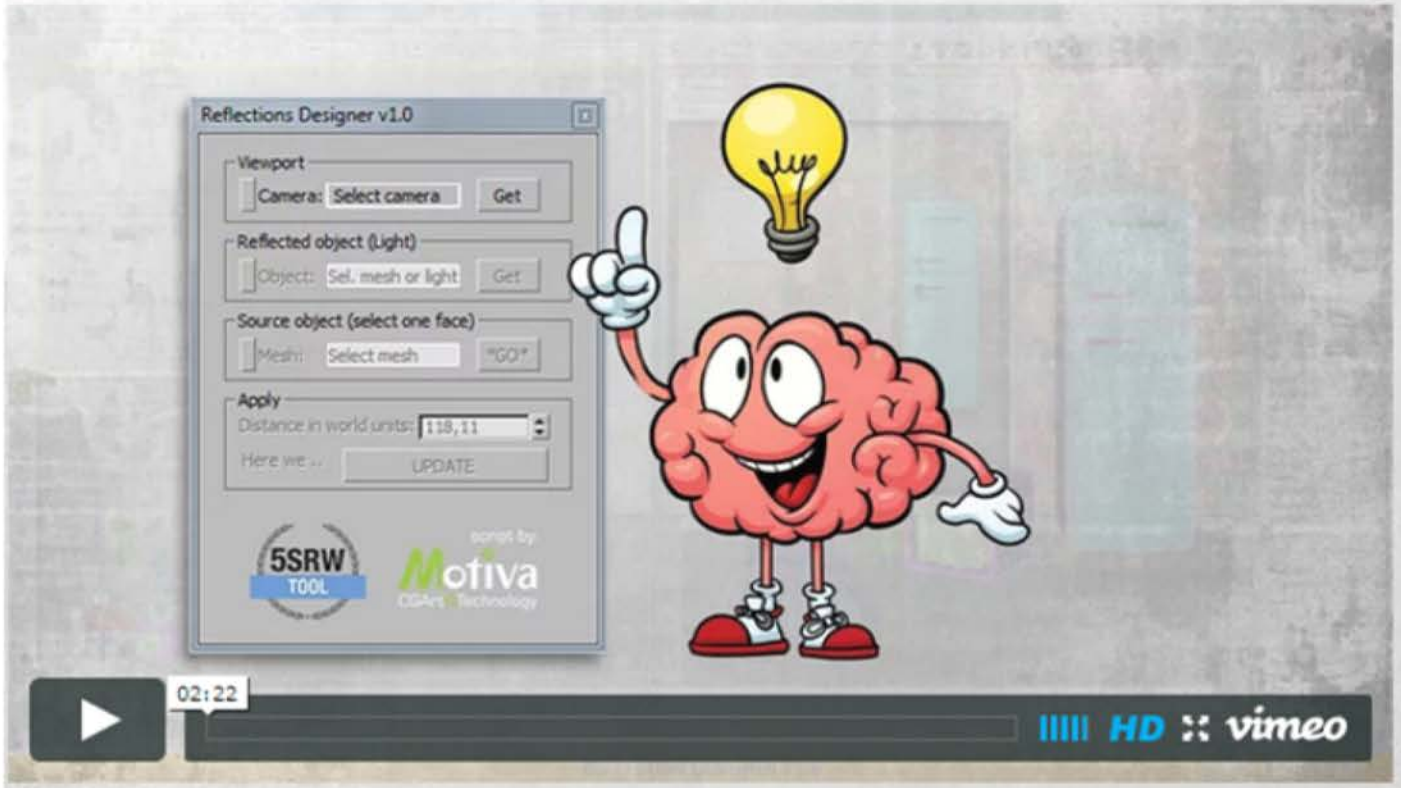




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<http://www.learnvray.com/reflections.htm>

Reflection Designer^{1.0}



Name:

Email:

Send Me this TOOL!

02:22 HD :: vimeo



Simplicity is
the ultimate
sophistication

Leonardo da Vinci

To know more about **Ciro Sannino's** book *PHOTOGRAPHY & RENDERING with V-RAY*



CLICK → <http://www.gcedizioni.it/en/libri/english-books/en-photography-rendering-with-v-ray>



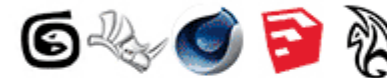
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ciro@cgworldgroup.com



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CIRO SANNINO
*V-Ray Official Trainer certified by Chaos Group
CEO of Learnvray.com / 5SRW Founder
Personal website www.cirosannino.it*