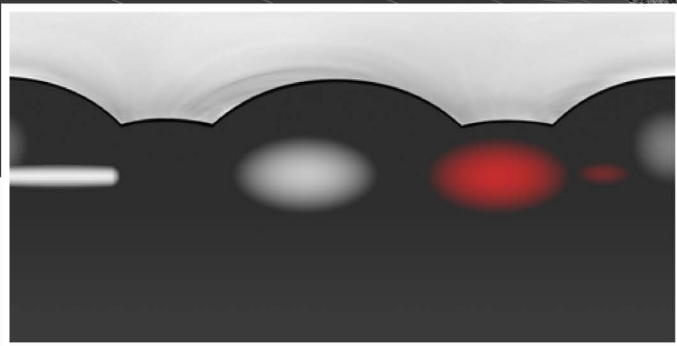


hdrlightstudio **live**TM

Deep Exploration



Virtual photo studio lighting plugin

live

LightmapTM

Deep Exploration

CAD Edition

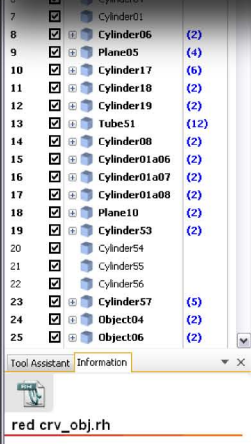
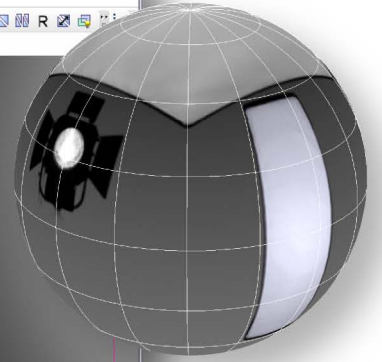
6.0



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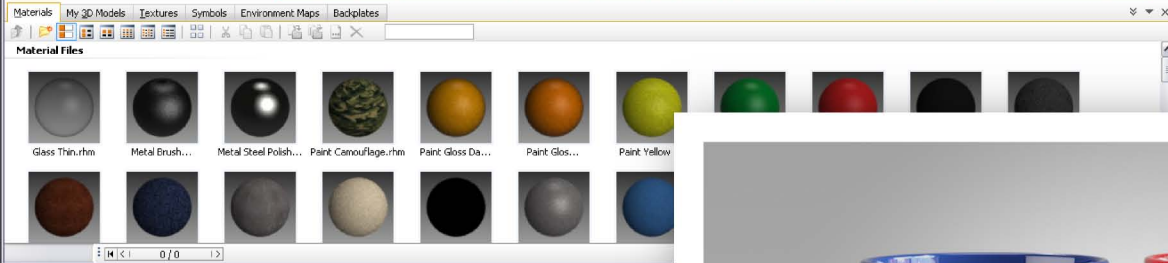
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HDR lighting image is wrapped around the Deep Exploration scene



Real-time Viewport with HDR lighting and reflections

live



Deep Exploration 6.0 and HDR Rendering

Deep Exploration version 6.0 saw the introduction of new HDR rendering capabilities. A HDRI environment image surrounds your geometry providing lighting and reflections in a totally accurate way. This is previewed in the real-time viewport so you can see how the lighting and reflections interact with your 3D model.

HDR based rendering is ideal for visualising objects in outdoor settings. But what if you want to create clean and well lit photo-real images suitable for brochures and advertising? You wouldn't photograph a new product in the middle of a market square or a countryside setting, which is typical of the HDR environment images you can buy. For quality marketing images you need a photographic studio!

Anyone familiar with photography will know that studio lighting techniques are used to produce professional looking product shots. A variety of light types are positioned around your object to get reflections and highlights in the right places to compliment the 3D form and to bring materials to life. If you move your viewpoint then you will need to reposition your lights. This is where fixed HDR images become limiting.

HDR Light Studio Live brings the power of photo studio lighting inside of Deep Exploration 6.0, making it easy to generate rendered images as real as a professional photo shot.



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Design your studio lighting environment on the plug-in's 2D canvas. This HDR image is wrapped around the Deep Exploration scene to provide realistic studio lighting and reflections. Move a light and see the rendered viewport update instantly. So you can place lights, highlights and reflections exactly where you want them and see the effects in real-time.

HDR Light Studio Live automatically distorts a lights shape so it maintains the correct appearance once the image is mapped onto a sphere - so reflections appear as expected.

Synthetic Lighting System

At the heart of all versions of HDR Light Studio is the Synthetic Lighting System. This allows for the creation and placement of mathematically generated light sources on the canvas, resulting in visually perfect lights. Simple, yet powerful properties control the look and feel of the lights to generate almost infinite possibilities.



HDRI Light Packs (Pro version only)

HDRI Light Packs add hyper realistic image based light source collections to HDR Light Studio, extending the realism and creative possibilities for lighting design. HDR Light Studio Pro provides a comprehensive collection of soft boxes, spot lights and windows etc - providing users with endless possibilities that take renders to new levels of realism and creativity.



Background Synthesis

Using two gradient ramps for luminosity and color, users can design a simple or complex vertical gradient that sits behind your lights and surrounds your scene. This can be used to create an ambient background light level, or you can be more creative and generate synthetic sky conditions for different times of the day or night to add drama to your renders.



www.hdrlightstudio.com

live

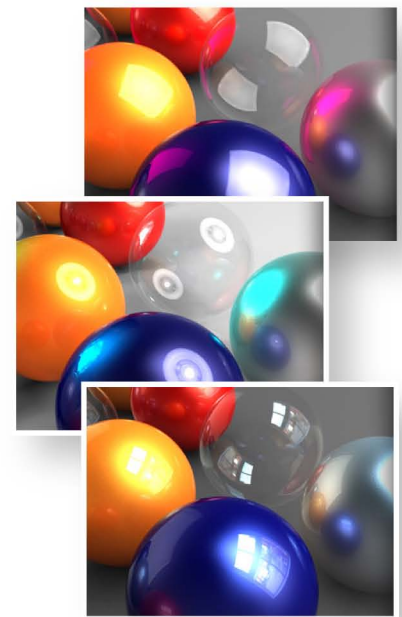




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HDR Light Studio Live plug-in is compatible with Deep Exploration Standard and CAD.
The plug-in is available in 2 versions: Basic and Pro.

Features:	basic	pro
Maximum number of light sources	6	Unlimited
Output Resolutions (exr or hdr)		
1,500 x 750	✓	✓
3,000 x 1,500	✓	✓
5,000 x 2,500	✗	✓
Unlimited maximum and custom sizes	✗	✓
Synthetic Lighting System		
Basic Synthetic Lighting	✓	✓
Bulb Width, Bulb Position and Half Light	✗	✓
Background Synthesis		
Color & Luminosity ramps for background	✓	✓
HDRI Light Packs		
Supports HDRI Light Packs	✗	✓
Includes 6 HDRI Light Packs	✗	✓



Pro includes captures of real light sources for added photo realism in reflections. These include: Spot lights, soft boxes and windows.

For more details visit: www.hdrlightstudio.com