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# PIPELINE

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SPECIAL  
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## Scott Massey

(b.1971). Works in Vancouver.

### Spectrum Studies (2013)

Our visible spectrum actually comprises a relatively narrow band of the electromagnetic spectrum. Using special filters, imagers and optical technologies, it is possible to extend this visible range to include radio waves, microwaves, infrared, heat, ultraviolet, X-ray and other areas outside our normal range of experience. Astronomers and scientists regularly make use of these technologies to expand their research into areas that are otherwise visually inaccessible.

*Spectrum Studies* is a series of landscape photographs created entirely in camera, using a Hasselblad and various image-adjusting apparatus. Massey adopts an infographic pie chart technique to create a composition that contains visual clues to the complexity of the images. As each piece of the pie chart represents an element or moment within the image frame, the entire image presents a photographic exploration of one particular spectrum. The pie shapes are created by custom laser-cut stainless steel darkslides the artist fabricated specifically for this project. These darkslides allow multiple but discrete exposures on a single piece of film, registering the passage of time in a single frame.

The three areas of exploration are the *Visible Spectrum*, *Greyscale* and *Day-Night*. *Visible Spectrum* separates the colour channels of white light; *Greyscale* separates the sections based on the Ansel Adams Zone System; and *Day-Night* separates the sections based on the cycle of a passing day.

## Scott Massey

生於1971年，現於加拿大溫哥華工作。

### 光譜研習 (2013)

事實上，人眼所能看見的光譜，稱為「可視光譜」，只是整個電磁波譜中很小的一部分。若利用特殊的濾色鏡、影像儀和光學技術，就能夠擴大光譜的可視範圍，用肉眼也能看見無線電波、微波、紅外線、熱能、紫外線、X光，以及其它非一般的領域。天文學家和科學家亦常靠這些技術擴大研究範圍，進入那些肉眼看不見的領域。

《光譜研習》是一系列有關地形的攝影照片。Massey 用老牌子Hasselblad 相機和不同的影像調節裝置拍下照片，並將含視覺資訊的圓餅圖帶進照片中，提供了摸索這些複雜的影像的視覺線索。每一個圓餅圖的劃分代表著照片中的一個元素、照片中的一個瞬間。整個影像呈現出對某種光譜的影像探索。每一張圓餅圖都是Massey一手特製的，以鐳射激光來切割不銹鋼的底片暗匣，才製成這些圓餅圖。這些底片暗匣令每張影像都有多次而分散的曝光，記錄了每個影格的時間流逝。

*Spectrum Studies* 帶我們進入了三個探索領域：「可視光譜」、「灰度」和「日夜」。「可視光譜」隔開了白光的色彩頻道；根據 Ansel Adams 的分區曝光法（Ansel Adams Zone System），「灰度」隔開了白光的色彩頻道；根據日夜的循環，「日夜」同樣隔開一部分白光的色彩頻道。



P61 *Spectrum Study 1 (visible)*  
P62 *Spectrum Study 1 (day-night)*  
P63 *Spectrum Study 1 (greyscale)*  
by Scott Massey, 2013.  
Courtesy the artist.



