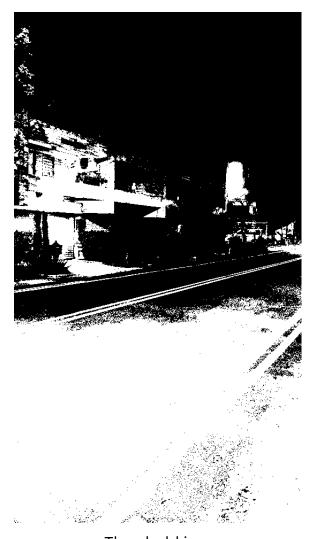
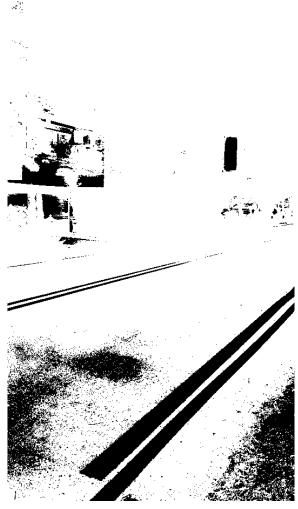
1. MTB Alignment

- a. MTB Alignment was implemented using OpenCV threshold, inRange, bitwise_xor and bitwise_and.
- b. Threshold image and exclusive mask were generated to align the images.



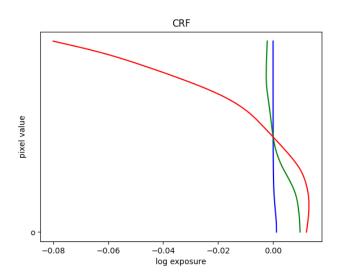
Threshold image



Exclusive mask

2. HDR

- a. HDR was implemented based on the MATLAB code.
- b. SDV least squares solution was calculated using numpy.linalg.lstsq.
- c. CRF of the 3 channels were calculated separately.
- d. Radiance map was saved as a .hdr file.



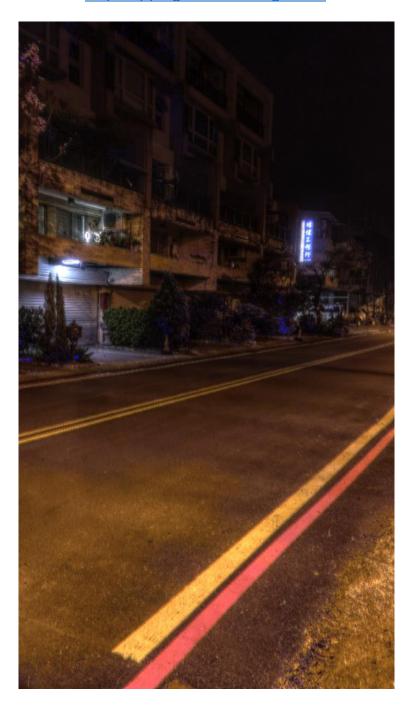
CRF for 3 channels



HDR image

3. Tone Mapping Result

 a. Tone mapping utilized the program Luminance HDR v.2.6.0 http://qtpfsgui.sourceforge.net/



4. Original Images



