Latest results with IBL
1/8 - Image Based Lighting
3/8 - Survey setup
4/8 - Survey setup
Illuminance measured in-situ vs. simulated in Radiance

First test under overcast sky (5 samples):
First results with sunny sky (300 samples):
After adjustments (100 samples):

Points for improvement:
- luminance response curves with filters
- lens flare
- RAW data vs. JPEG
sky.rad files can be saved for later use
looking into the source gives the correct image
shorter rendering times (even shorter w/direct cache)
7/8 - Experience setup

- no sources: 0.028 hours
- mksource default (10 sources): 0.092 hours
- mksource -a 1 - 580 sources: 4.242 hours
- Idem - w/ direct cache: 0h 48m 56s
8/8 - Applications (conclusion)

- **Glare Indexes**
  - findglare + glarendx > UGR, DGI, Guth, etc.

- **J-Index**
  - Method based on visual acuity
  - Calculated from a Radiance picture

- **Irradiance**
  - Indoors horizontal illuminance and irradiance can be estimated