Extra Example 1

LDR images   Tone-mapped PSFTDNet Result   LDR patches

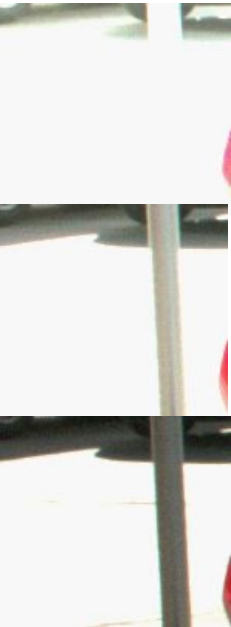NHDRRNet   HDR-GAN   SK-AHDRNet   AHDRNet   ADNet   PSFTDNet   Ground truth

LDR images   Tone-mapped PSFTDNet Result   LDR patches

NHDRRNet   HDR-GAN   SK-AHDRNet   AHDRNet   ADNet   PSFTDNet   Ground truth

Extra Example 3

LDR images   Tone-mapped PSFTDNet Result   LDR patches

NHDRRNet   HDR-GAN   SK-AHDRNet   AHDRNet   ADNet   PSFTDNet   Ground truth

Extra Example 4

LDR images   Tone-mapped PSFTDNet Result   LDR patches

NHDRRNet   HDR-GAN   SK-AHDRNet   AHDRNet   ADNet   PSFTDNet   Ground truth

Category of NTIRE Dataset[1]

Category	Scene	Number of Examples	Examples No. in NTIRE
Wide Gamut and Moving Lights	Carousel Fireworks	468	0293-0760
	Beerfest Lightshow	122	0000-0121
Low Key Scenes	Fireplace	65	0954-1018
	Smith Welding	64	1430-1493
	Smith Hammering	67	1363-1429
Sunlight Scenes	Fishing Closeshot	62	1019-1080
	Cars Longshot	71	0883-0953
	Cars Fullshot	63	0820-0882
	Cars Closeshot	59	0761-0819
High Contrast Skin Tones	Bistro	171	0122-0292
	Poker Fullshot	60	1138-1197
	Showgirl 1	119	1198-1317
	Showgirl 2	44	1318-1362
Still Life	HDR Testimage	57	1081-1137

[1] Froehlich et al. Creating cinematic wide gamut hdr-video or the evaluation of tone mapping operators and hdr-displays. Proc. Of SPIE Electronic Imaging, 2014

Dataset Partition

- Select test samples according to the proportion of each scenes
  - E.g. Select 200 * (468 / 1471) $\approx$ 64 samples from the scene "Carousel Fireworks"
  - Make sure at least one example of each scene is used for test