

Bracket Diffusion: HDR Image Generation by Consistent LDR Denoising (Supplementary material)

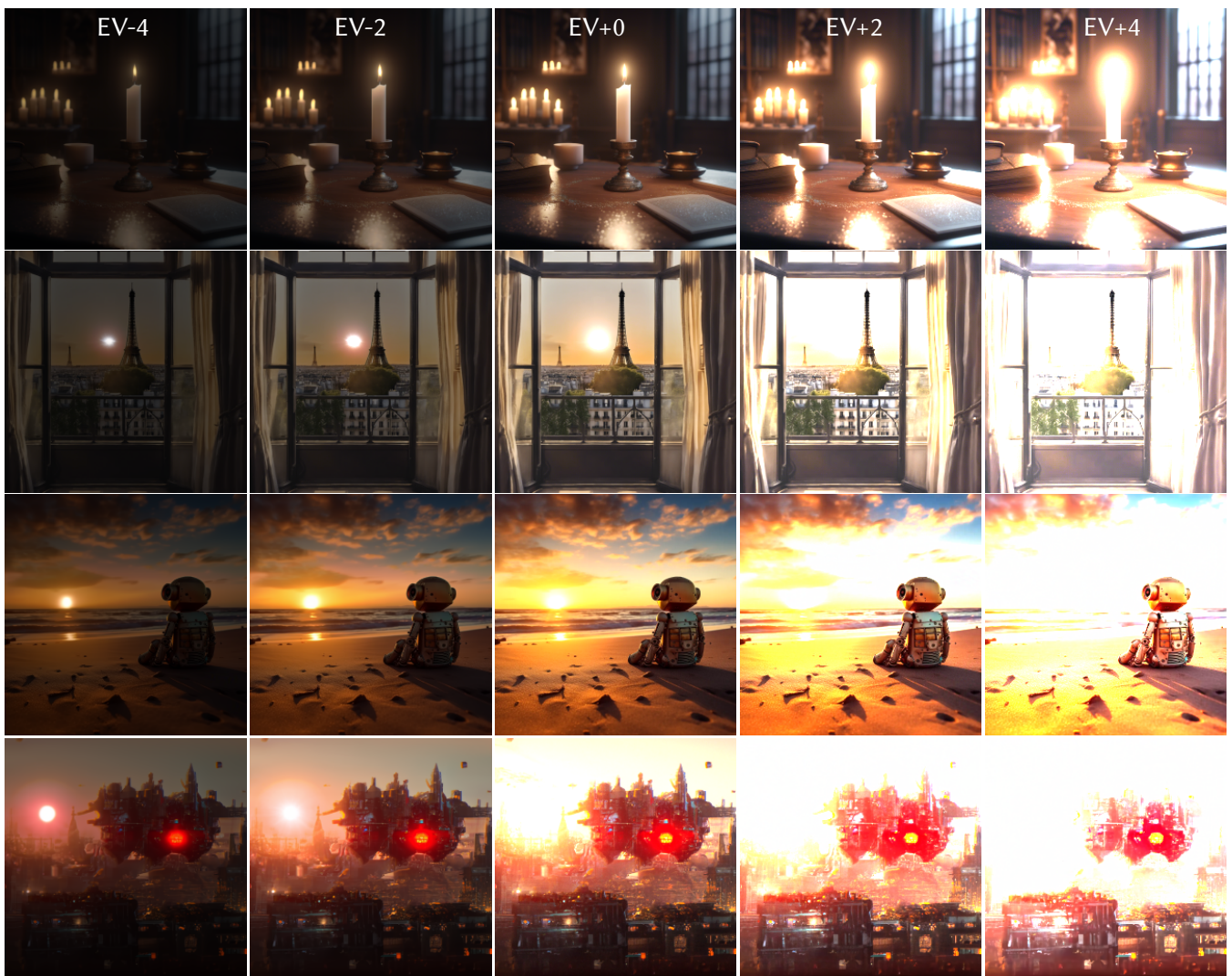


Figure 1: Additional LDR2HDR reconstruction results for LDR images generated by Stable-Diffusion. In this case, EV+0 is the input to our method.

“an alpine mountain view with visible sun”

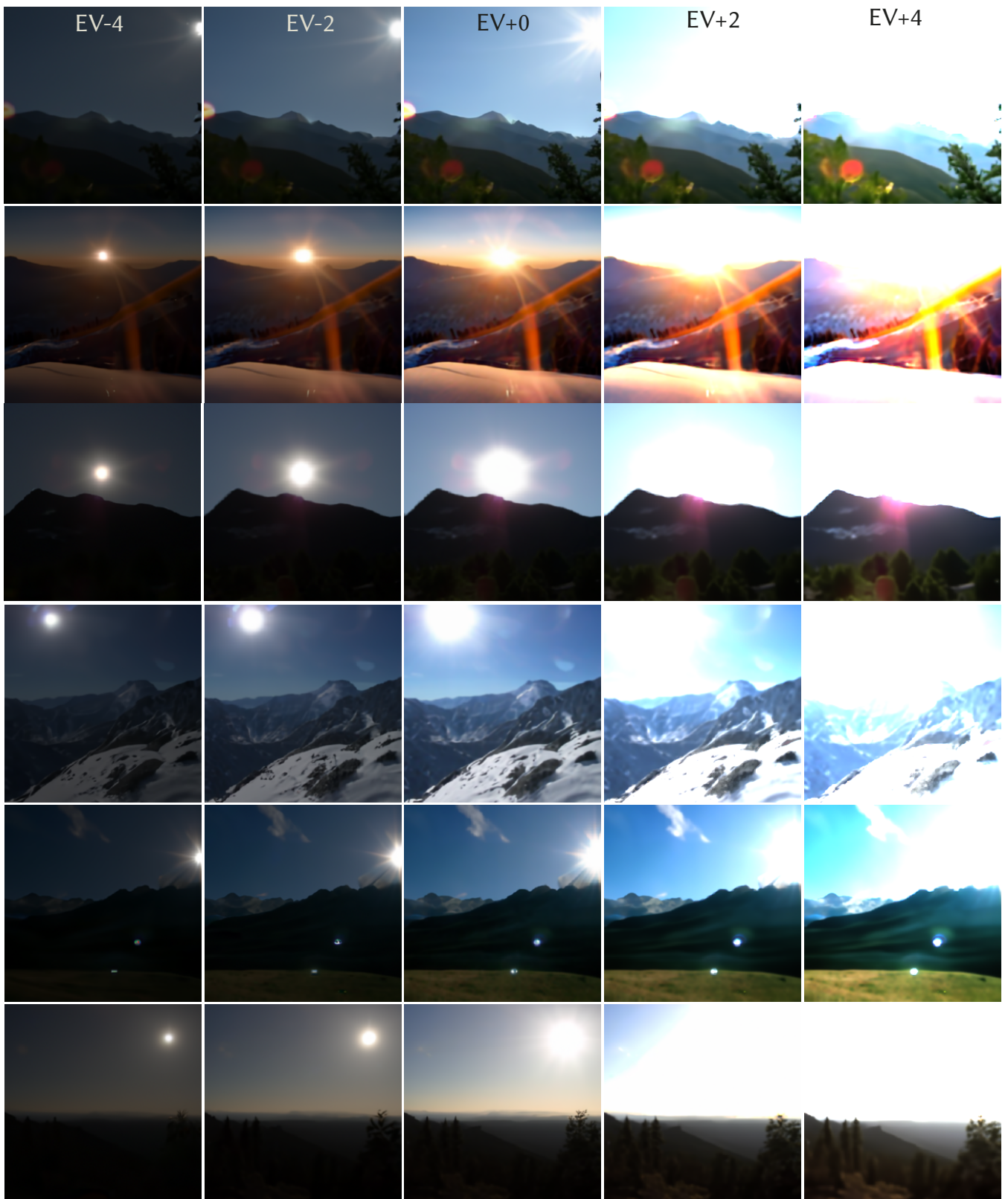


Figure 2: Text-based HDR generation: multiple generation results given the same input text prompt.

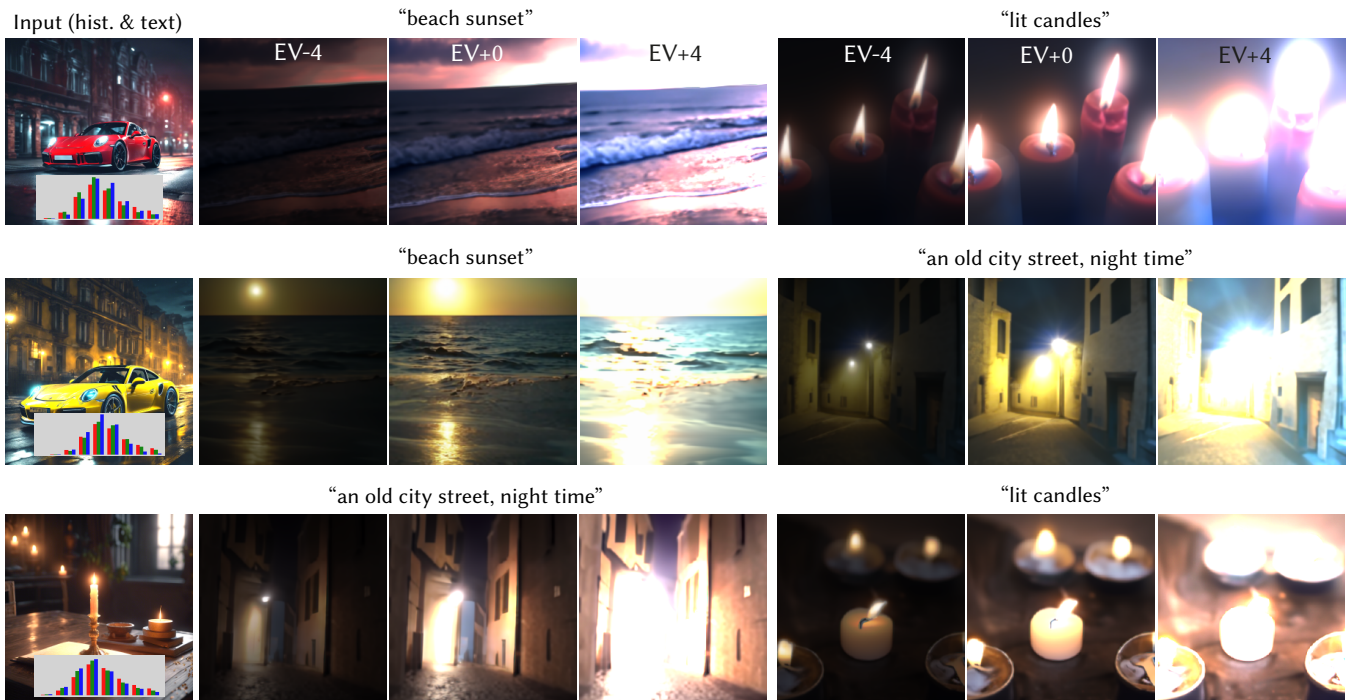


Figure 3: Examples of text- and histogram-based HDR generation, where generated exposure brackets follow a text query while also matching the color histogram of a reference LDR image. On the left, reference LDR images are shown alongside their corresponding color histograms. In each row, we present results for different text prompts given the same input histogram. Alternatively, different rows showcase the results of different histograms with potentially similar prompts.

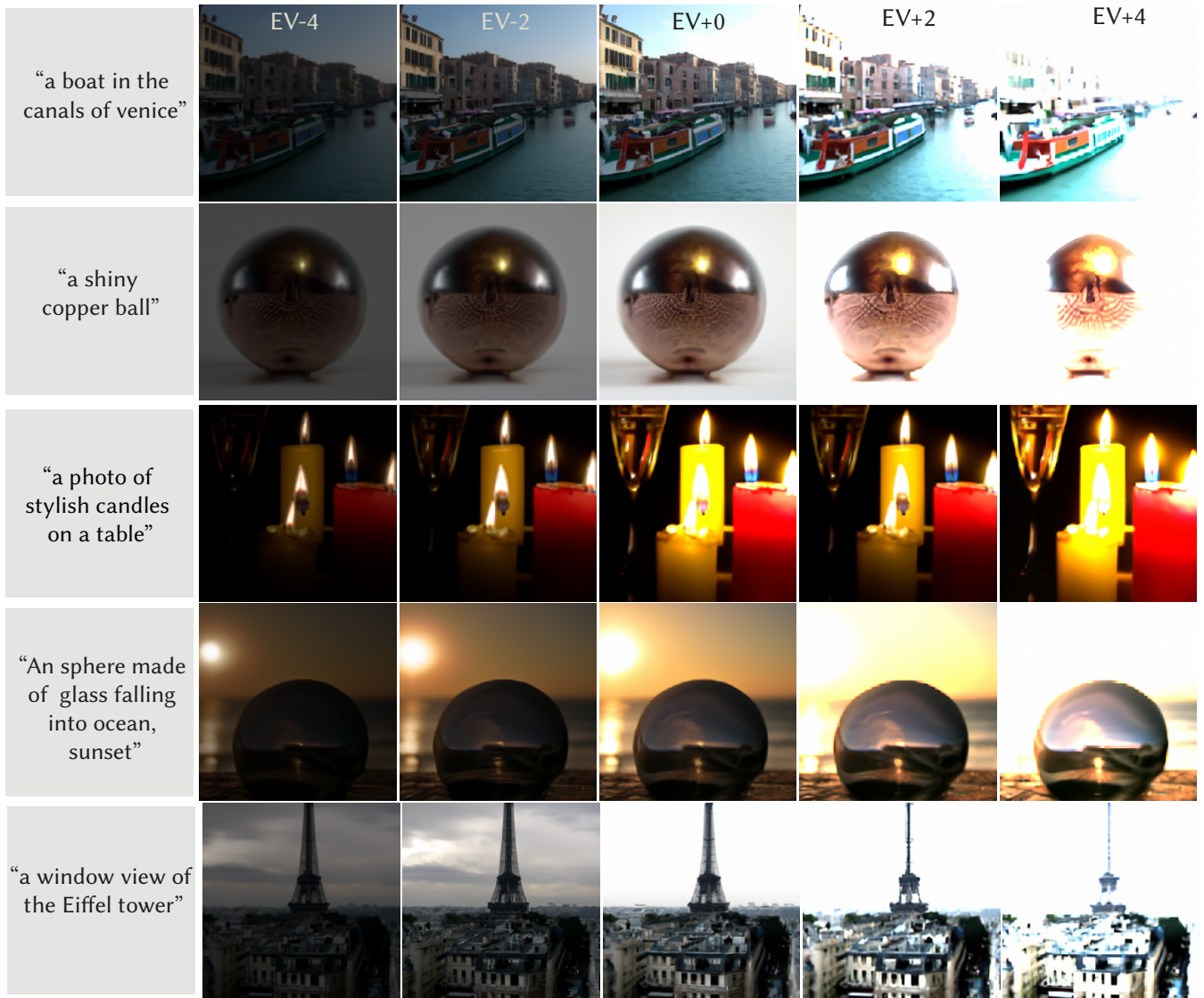


Figure 4: More examples of text-based HDR generation.

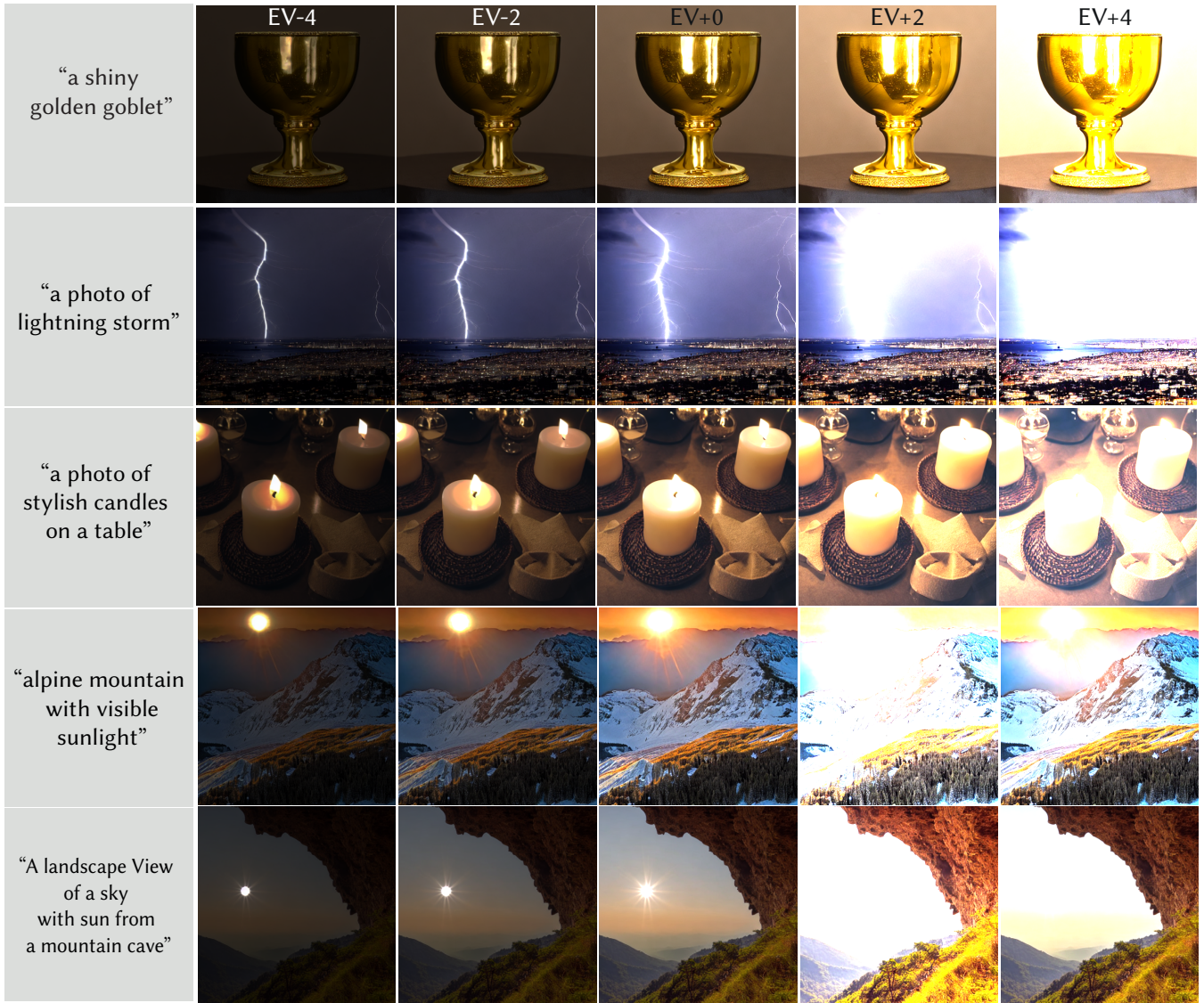


Figure 5: Additional examples on text-based HDR generation using latent diffusion model [RBL*22] as the backbone.

1 **References**

- 2 [RBL*22] ROMBACH R., BLATTMANN A., LORENZ D., ESSER P., OM-
3 MER B.: High-resolution image synthesis with latent diffusion models.
4 In *CVPR* (2022).