Properties of the visual system and use cases for the copier and display output

Analog test charts according ISO/IEC 15775/ed-2:2022 are available. The *rgb* data are based on slide & negative filmbetween high under and over exposure. The linearized *rgb* image data are linear to L^*_{CIELAB} of a 16 step grey scale.

Table 2: Properties of copier and display output and transfer of contrast *C*.

Standard document and device output	**ISO/IEC 15775 /ed-2:2022 copier**	**ISO 9241-306 /ed-2:2018 display**	**Transfer HDR −> SDR display**
contrast C of test chart material	photographic (P) C=100:1 & offset (O) C=36:1	relative equally spaced rgb data 0 <= rgb <= 1	no test charts HDR: C=100:1? SDR: C=36:1
ergonomic output quality 0 <= g* <=100	photographic & offset both with g*>=80	no and with gamma correction trnsfer g*=10 −> g*>=80	special transfer similar to gamma corection, 1 option?
local (L) and global (G) transfer	only local copier output transfer > 3 options	both local & global output transfer > 2000 options	only global output transfer only 1 option?
example transfer options	L: P <−> O L: P, O <−> A many papers (A)	G: HDR<−>SDR, no Refl. L: HDR<−>15 SDR+Refl. 15x13..x3 use cases	G: HDR−>SDR G: SDR−>HDR? only 1 use case

The luminance between the black and white samples is 64*25=1600 for negative film.