#6.2.2.3.7 Image Quality: current status on diffuse sky-light exposure

- Test parameters during day condition with diffuse sky-light exposure, Monitor side, luminance diffuse illuminator to be considered are:
  - 1300-1500 CD/m² but
  - [If the complete Critical Light Source Cone of the vehicle as defined in SAE J1757-1 leaves the vehicle directly (e.g. through a side door window, rear window or sunroof), then a value up to **4200 cd/m²** for the luminance diffuse illuminator **may** be used. If the Critical Light Source Cone leaves the vehicle partly for less than 100%, then the equivalent part of 2700 cd/m² plus 1500 cd/m² for the luminance diffuse illuminator **may** be used. ]
Fixed monitor & cone leaving the vehicle

Display 5% reflection & Ld cd/m²

4200 cd/m²

6% * 4200 = 252 cd/m²

Lp = 252 cd/m²

parasitic light

Ld cd/m²

Sunny condition (not direct exposure)

\[(Ld + Lp) / Lp > 3:1\]

Ld > 500 cd/m²
Dual function mirror+monitor

55% * 4200 = 2310 cd/m²
6% * 2310 = 140 cd/m²
55% * 140 = 76 cd/m²

45% * 4200 = 1890 cd/m²

Lp = 1966 cd/m² parasitic light

55% * Ld cd/m²

(55% Ld + Lp) / Lp > 3:1

Ld > 7000 cd/m²
OICA proposal for dual function systems

- Considering that
  - This function allows a very soft transition for drivers to switch from current technology to CMS
  - The mirror being always available for the driver
  - The system is orientable to all driver morphology
- Request test exemption for these functions
Image Quality : color image

- The monitor shall be a color display.