Today’s standard CPA area design

Alternative CPA-Stripe design principle

Additional glass area without CPA in case total width > XXX mm

Informal Workgroup on Panorama Sunroof Glazing - Strictly Confidential for members only
Some important points to remember based on example CLEPA data sheet roof glass panel No.5:

Today’s design of a top-load front glass panel follows the vehicle design line. This means that the panel width is max. at the front header area and min. at the end (B-Pillar area).

Also the CPA dimension (B/D) is therefore max at the front end of the glass panel: ~ 148mm and min at the rear area: ~ XXXmm

Due to this “waist design“ of the glass panel, but the rectangular design of the roof guiderail/mechanism attached to the reinforcement frame a CPA stripe design would most likely not be of rectangular design.

In parallel the colour from out- & inside of CPA and Primer to eliminate the look-through areas is not identical.
Proposal for maximum reduction of CPA area with "CPA Stripe Design" and "look-on parts or primer covered areas":

Future ➔ Min. CPA stripe design = ~ 80mm (~ 12 +~ 68) in "CPA black" and ~ 35+33mm with "clear glass"

CLEPA data sheet roof panel No. 5
Today’s CPA = 148mm in largest CPA dimension area in B/D