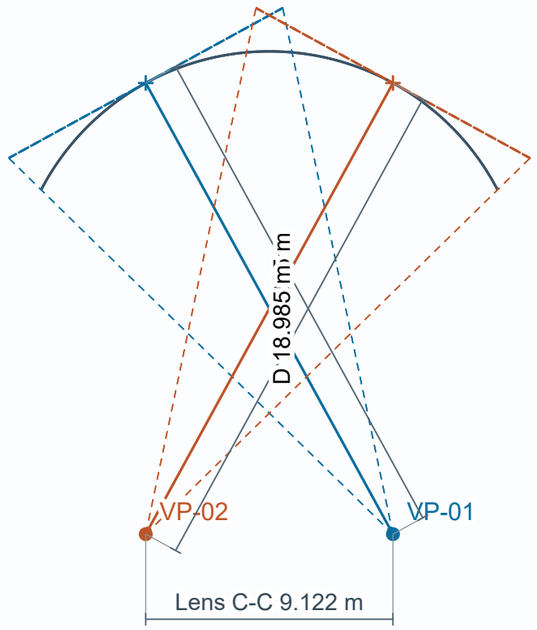
THROXEL
PROJECTION PLANNING & SIMULATION

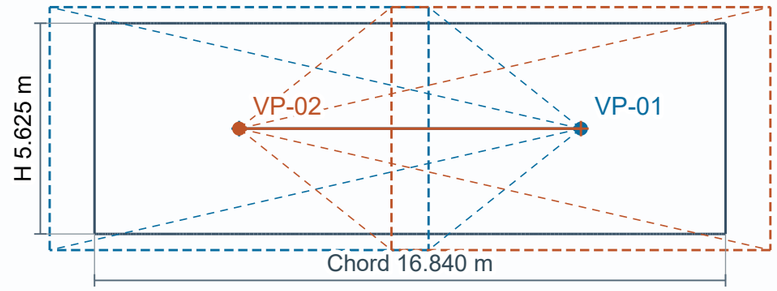
CURVE | Curved screen 01

Installation sheet 1/1 | Current optics | Metres and native pixels

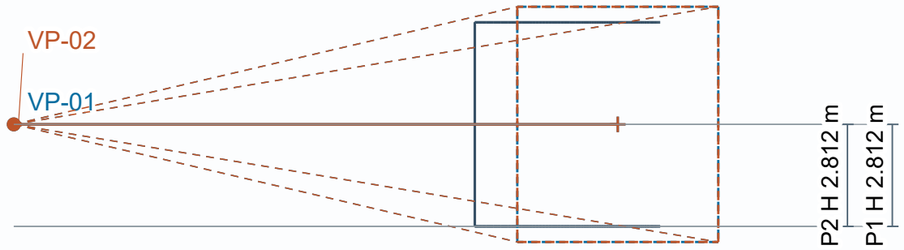
PLAN / screen contour and optical frustums



FRONT / chord and height



SIDE / depth and lens height



R 9.493 m | Arc 125.00 deg | Developed width 20.710 m | Sagitta 5.109 m

Solid: lens to image centre. Dashed: native raster frustum at hit depth; area outside the screen is masked.

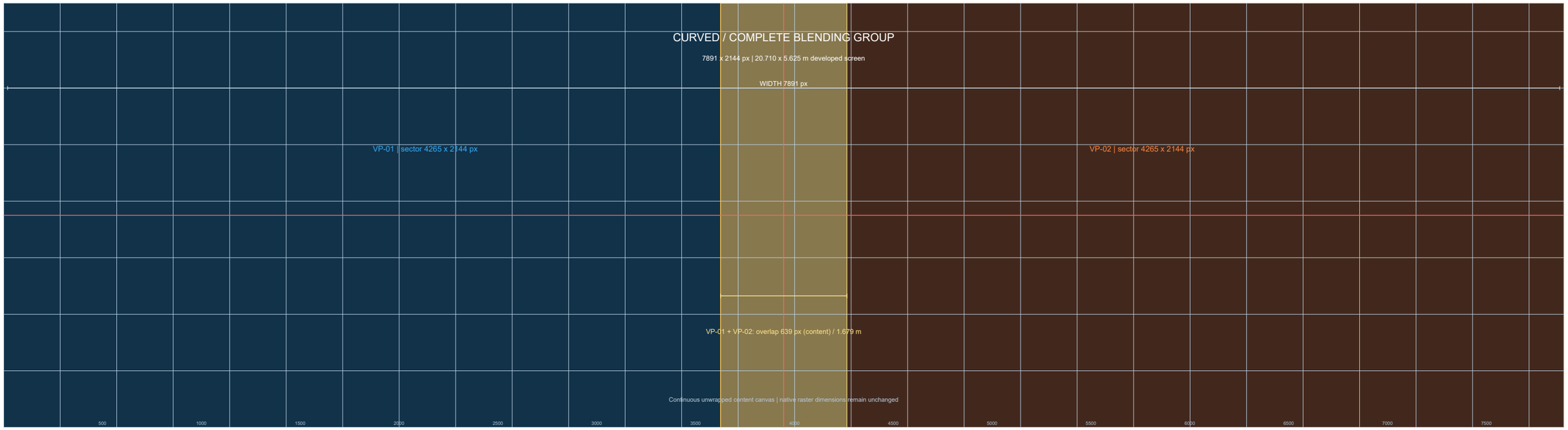
ID / MODEL / LENS	LENS HEIGHT / AXIS DISTANCE	NATIVE RASTER / ROLL
VP-01 / Panasonic PTRQ35K2 / ETD3LEW10	H 2.812 m | D 18.985 m	3840 x 2160 px | 0.0 deg
World lens XYZ -17.818 / 4.561 / 2.812 m | TR 1.6465 | zoom 84.0% | shift H 0.00% / V 0.00%		
VP-02 / Panasonic PTRQ35K2 / ETD3LEW10	H 2.812 m | D 18.985 m	3840 x 2160 px | -0.0 deg
World lens XYZ -17.818 / -4.561 / 2.812 m | TR 1.6465 | zoom 84.0% | shift H 0.00% / V 0.00%		

Height H from the cylinder lower rim, along its axis. Confirm against site floor.

Geometry outline excludes solver triangulation. Content pixel dimensions and overlap definitions are supplied with the group patterns.

CURVED CONTENT & BLENDING | Curved screen 01

Complete content canvas 7891 x 2144 px | 381.000 px/m reference | native rasters are separate



PROJECTOR / NATIVE RASTER	CONTENT SECTOR / X RANGE	HEIGHT / NATIVE OPTICS
VP-01 | 3840 x 2160 px | Landscape	[0,4265) = 4265 px	2144 content px | TR 1.6465
VP-02 | 3840 x 2160 px | Landscape	[3626,7891) = 4265 px	2144 content px | TR 1.6465

OVERLAP VP-01 + VP-02: 639 content px / 1.679 m | VP-01 596.3 native px at mid-height | VP-02 596.3 native px at mid-height

Pixel ranges use shared canvas edges [left,right). Native overlap is a curved band; its width depends on optical position and roll.
Reference density samples current optics; this is an authoring canvas, not a claim of uniform physical resolution.