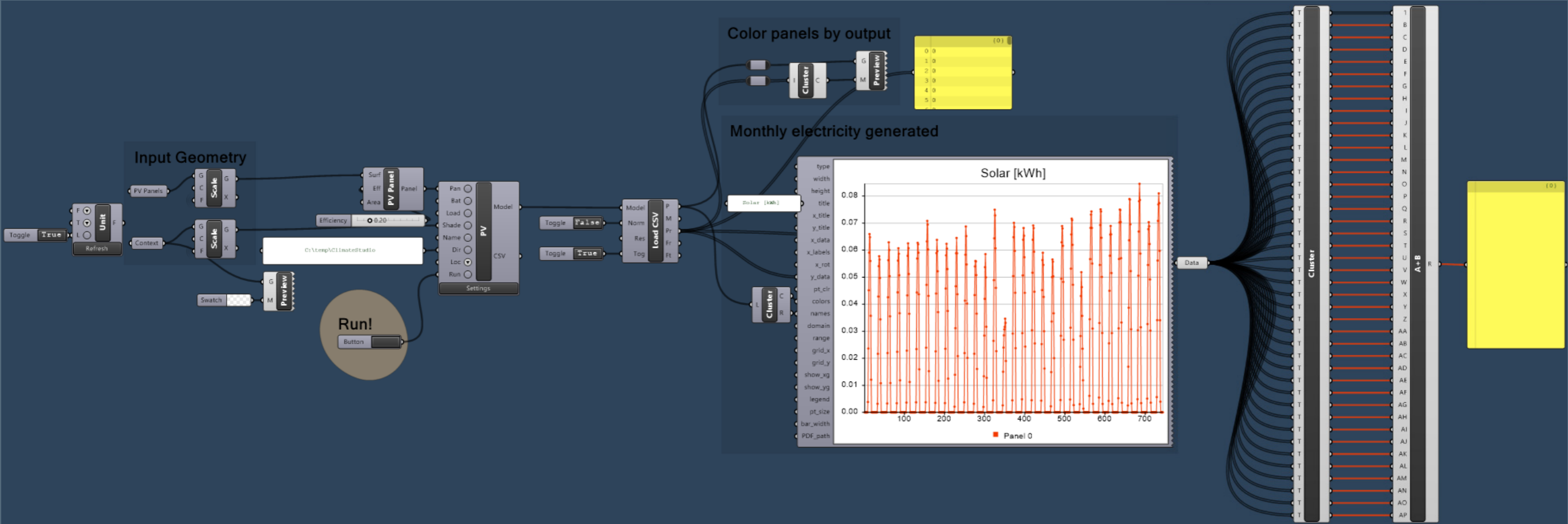
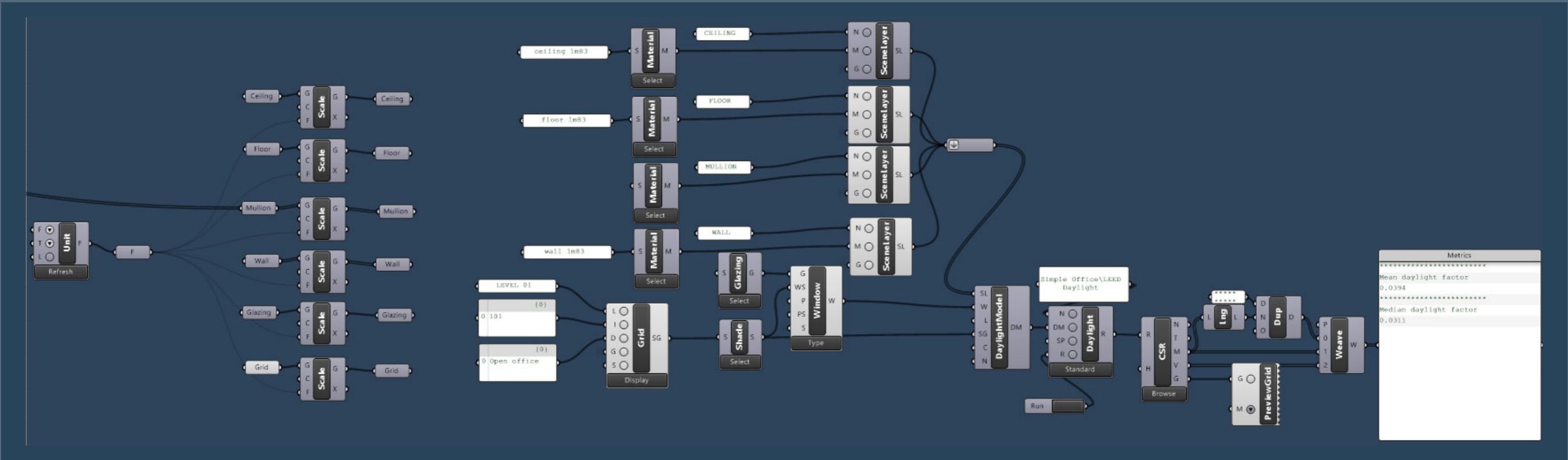


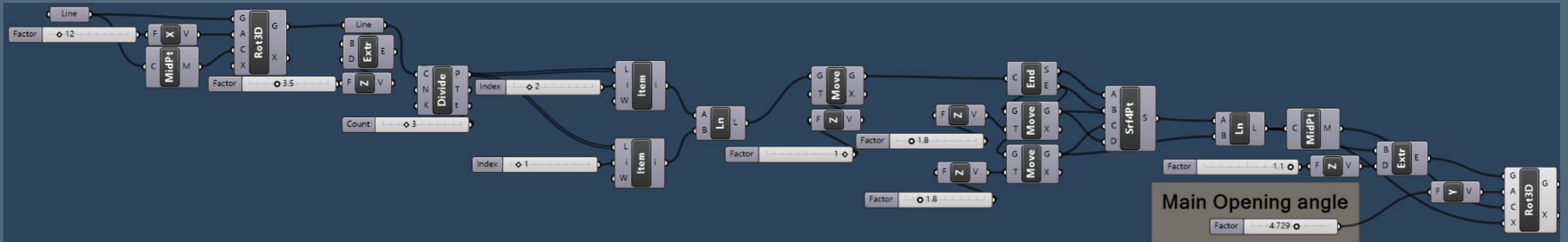
PV system\_ Energy Production



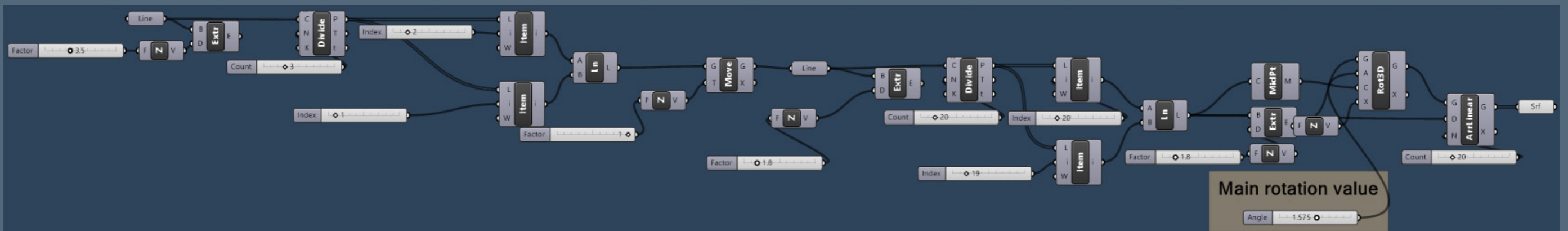
PV system\_ Daylight Analysis



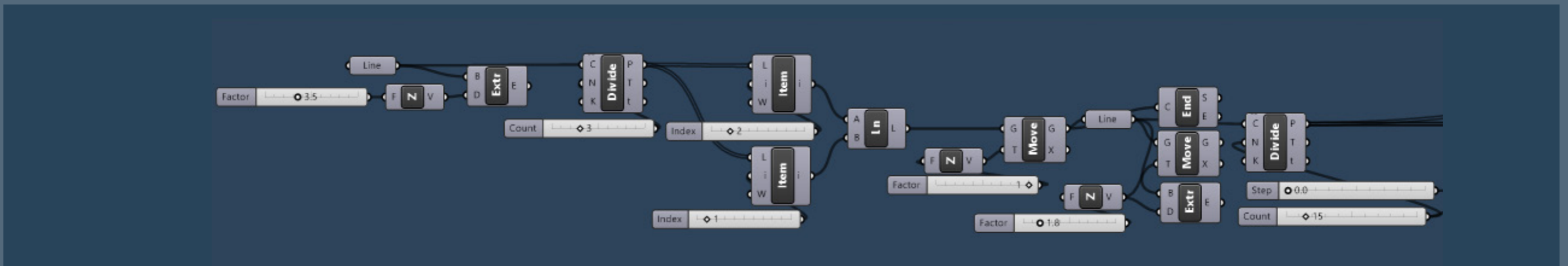
## Design n.1

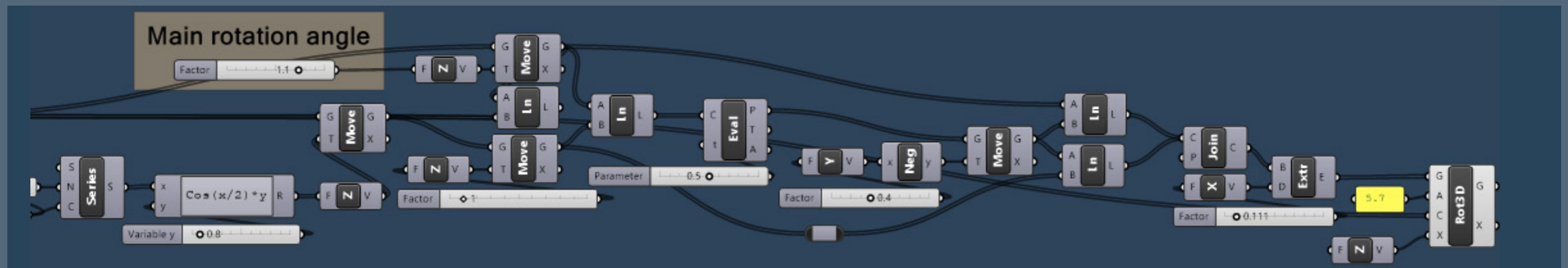


## Design n.2

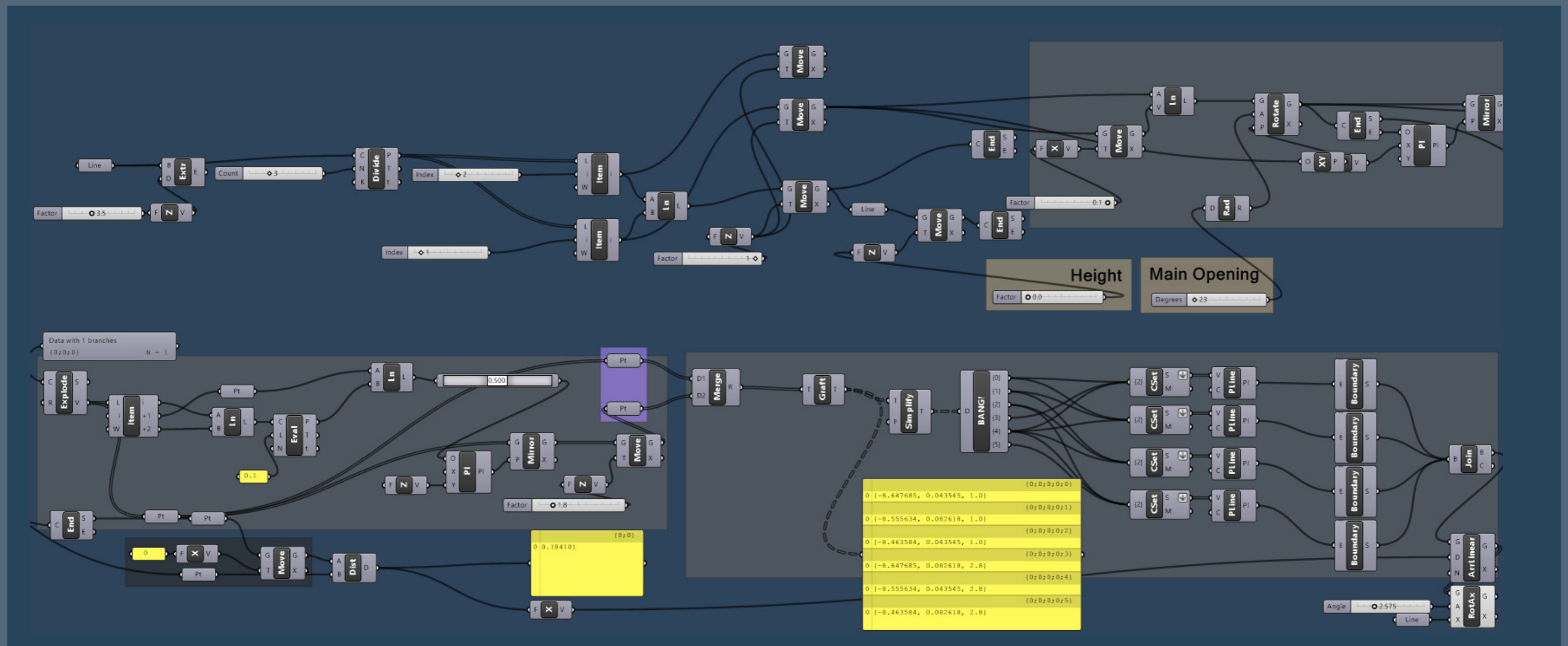


## Design n.3

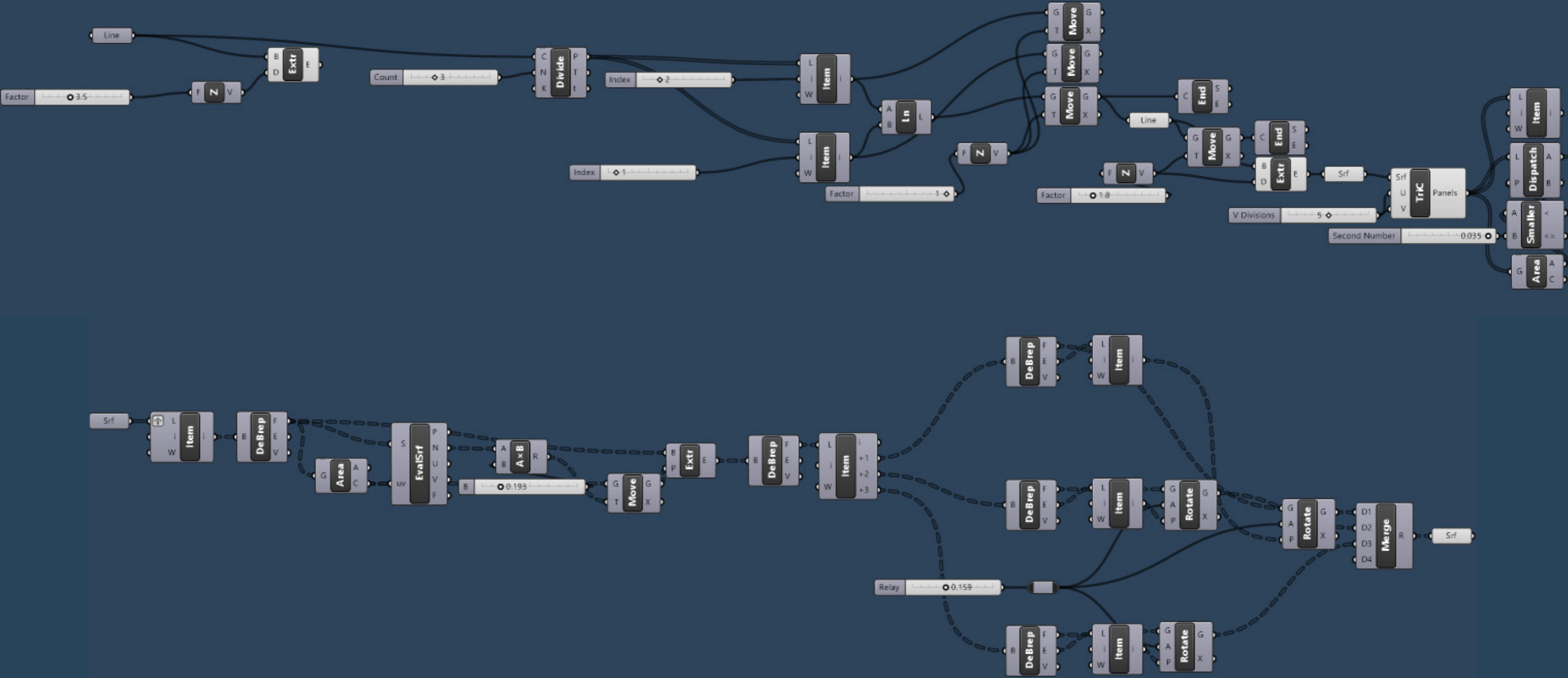




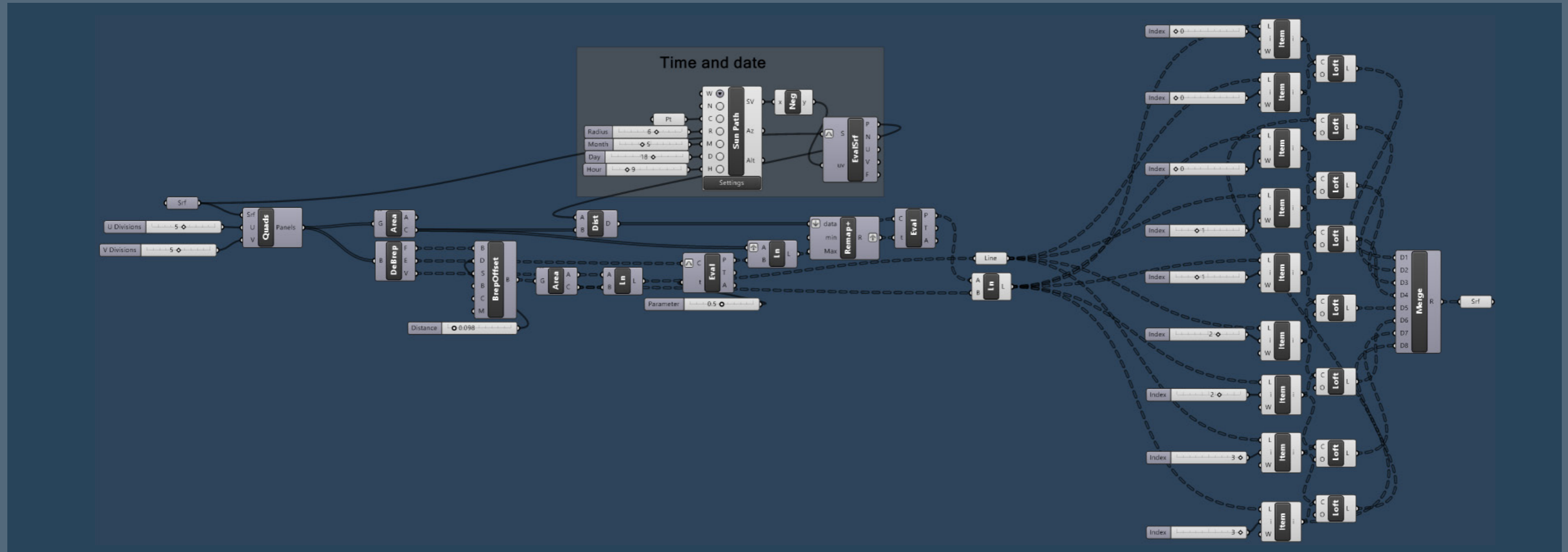
Design n.4



Design n.5



## Design n.6



## Weather and the Data (ClimateStudio)

ITA\_PM\_Torino.AF.160595\_TMYx.2007-2021

**Koeppen climate Zone: Temperate, No Dry Season, Warm Summer (Cfb)**

**ASHRAE climate zone: Mixed (4)**

**Average annual temperature: 13 °C**

**Annual total solar radiation: 1,343 kWh/m<sup>2</sup>**

## Heating Design Conditions

**Coldest month: January**

**Coldest week: 1/13 - 1/19**

**Typical winter week: 1/ 6 - 1/12**

**Annual HDD for 18 °C is: 2,801**

**Design temperature 0.04%: -4.6 °C**

## Cooling Design Conditions

### Hottest month: July

**Hottest week: 8/10 - 8/16**

**Typical summer week: 7/ 6 - 7/**

**Annual CDD for 10 °C is: 1,582**

