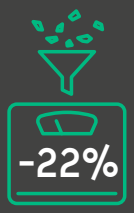
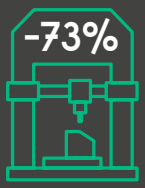
# Contribution of our 3D printed luminaires to your sustainability goal

## Reduce carbon footprint and material waste



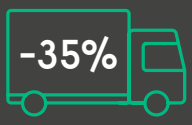

### Material

Extruding PolyCarbonate material has a 22% lower impact and 35% lower weight compared to aluminum luminaires




### Production

3D printing production has a 73% lower carbon footprint

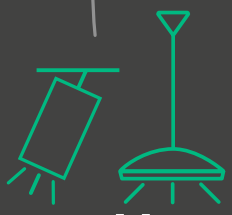



### Transport

35% weight reduction reduces carbon emissions by 35%. Local production can reduce carbon emissions further

### Installation

Fast installation without waste due to PerfectFit products which are light weighted



### Use

3D printed luminaires are among the most energy efficient (due to LED usage)


### Re-use

When polycarbonate is recycled 100% it generates up to 86% lower $CO_2$ impact compared to virgin polycarbonate

**47%**

lower $CO_2$ impact on polycarbonate material used*

Designed for the circular economy

signify

*Data based on the comparison of the housing & heatsink of a 3D printed projector vs the housing of a die casted aluminium traditionally produced projector. Data for other products will vary