

Techcomlight - construction detail 019
Daylight on concrete roof construction (warehouse)

Powerdaylight® Ø53 cm round for flat roof

Construction detail based on: Rc Roof $\geq 6.3 \text{ m}^2 \cdot \text{K/W}$ U-value tube $\leq 3,0 \text{ W/ m}^2 \cdot \text{K}$ QV10 value $\leq 0.625 \text{ dm}^3/\text{s per m}^2$

Powerdaylight® Ø53
cm dome polycarbonate

Dome reflector for enhanced light collection (attached to the north side of the dome)

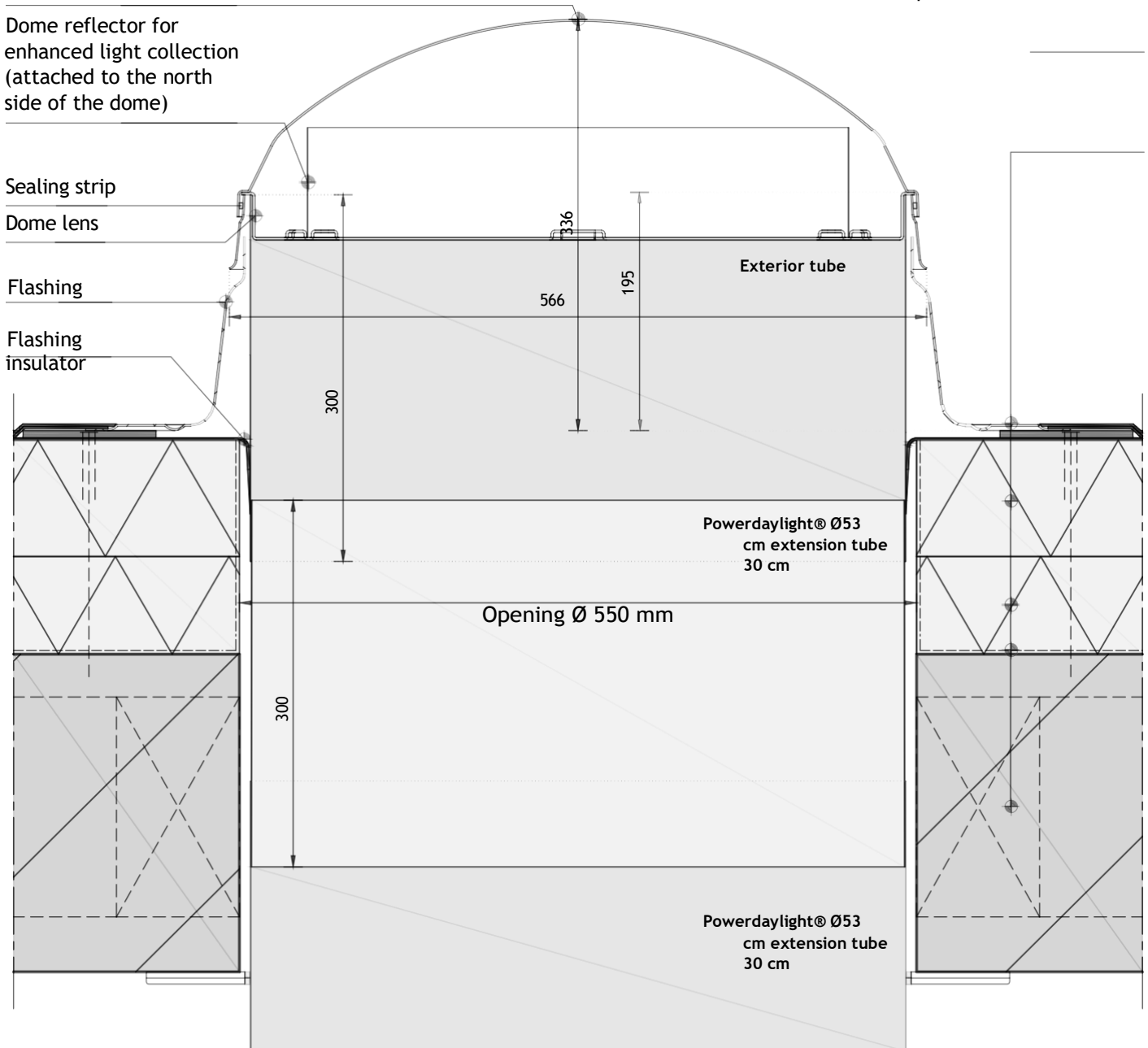
slope to front of roof

Sealing strip

Dome lens

Flashing

Flashing insulator



Powerdaylight® Ø53
cm extension tube
30 cm

Opening Ø 550 mm

Powerdaylight® Ø53
cm extension tube
30 cm

Round ceiling
diffuser (no ceiling)

