

Techcomlight - construction detail 015
 Daylight on metal 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)

Sealstrip
domelens

roof
flashing

Flashing insulator

Roof construction
roof covering
HR insulation board
vapor barrier
low profiled steel
roof structure

slope to front of roof

