

Green Star Rating and Warema Sunshading

Primary energy requirements of curtain wall architecture

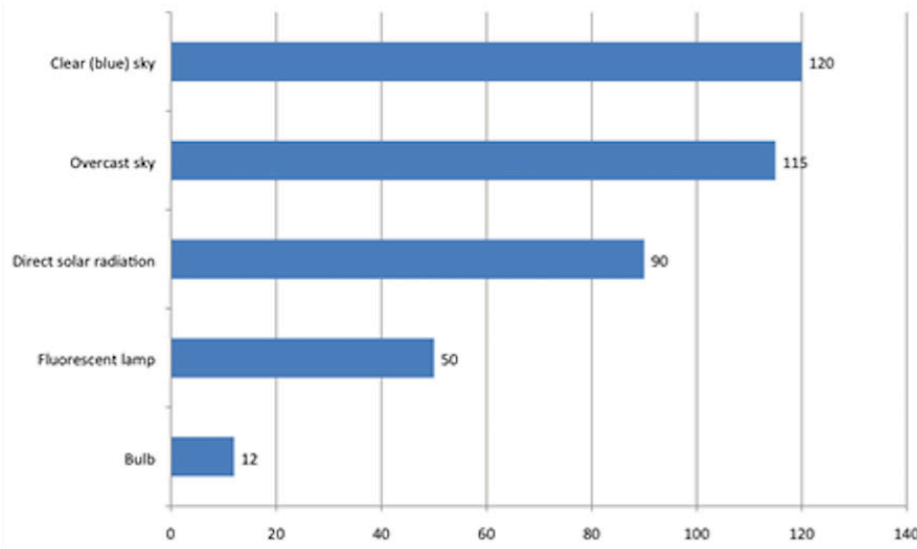
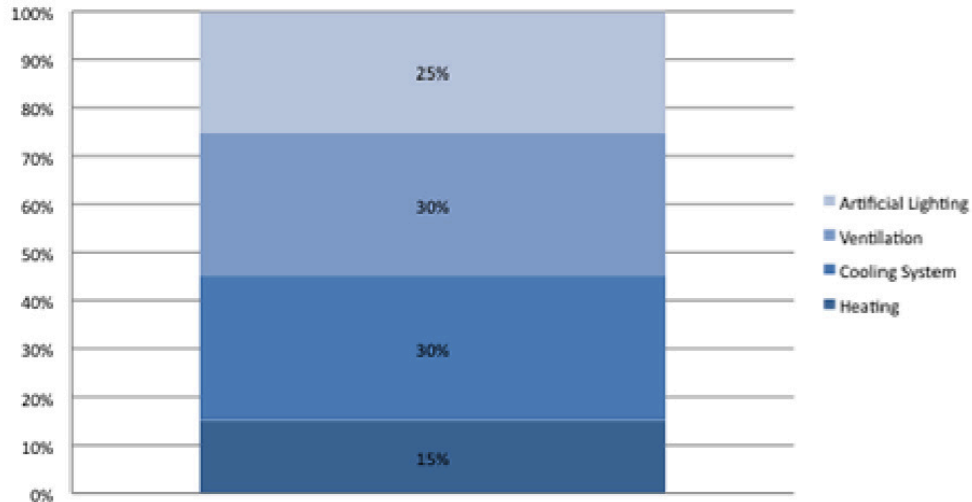


Table 8 from DIN 4108-2:2003-07

Sun Protection System ^a	Reduction Factor F_c
Without sun protection	1.00
Inside and between the panes	
White or reflective surfaces with low transparency	0.75
Bright colours and low transparency	0.80
Dark colours and higher transparency	0.90
Outside	
Venetian blinds, materials with low transparency, rear ventilation ^c	0.25
Venetian blinds, general	0.40
Roller Shutters, window shutters	0.30
Canopies, loggias, free-standing slats ^d	0.50
Awnings ^d , ventilated above and at the sides	0.40
Awnings, general ^d	0.50

^a The sun protection system must be permanently installed. Normal decorative curtains do not count as a sun protection system.

^b An exact determination is necessary for sun protection systems located inside and between the panes, as considerably better values can result.

^c A transparency of the sun protection system below 15% is regarded as low.

^d It is necessary to ensure that the window is not exposed to direct sunlight for this.