

Building design guide

Building type - Type 1

Design number - 36

Design case ID - 158

Thermal performance - 11 kWh/m²

Daylight performance - 87 %

Climate zone - Adaptively Hot Zone

Building design parameter

Parameters	Units	Values
Wall A U value	W/m ² K	3.07
Wall D U value	W/m ² K	1.46
Floor U value	W/m ² K	1.64
Roof u value	W/m ² K	1.29
WWR Wall A	%	0.21
WWR Wall B	%	0.69
WWR Wall C	%	0.44
WWR Wall D	%	0.63
Ground reflectance	-	0.1
Wall reflectance	-	0.66
Window transmittance	-	0.4
Ceiling reflectance	-	0.81