

Building design guide

Building type - Type 1

Design number - 10

Design case ID - 156

Thermal performance - 5 kWh/m²

Daylight performance - 89 %

Climate zone - Adaptively Hot Zone

Building design parameter

Parameters	Units	Values
Wall A U value	W/m ² K	0.34
Wall D U value	W/m ² K	0.54
Floor U value	W/m ² K	2.29
Roof u value	W/m ² K	0.6
WWR Wall A	%	0.49
WWR Wall B	%	0.59
WWR Wall C	%	0.16
WWR Wall D	%	0.68
Ground reflectance	-	0.11
Wall reflectance	-	0.25
Window transmittance	-	0.46
Ceiling reflectance	-	0.61