

# THERMAL SIMULATION REPORT

Report Number:	TCL2019-CUBO-002
Prepared For:	Cubo Rooflights 2-4 Fairgreen Terrace Bray Wicklow A98 N738
Window System Identifier:	Flush Glaze (Triple Glazed)
Frame Identifier:	CUBO 160
Glazing System:	6-14-6-14-6 6mm Float, 6mm ClimaGuard A+ 90% Argon Fill
Spacer Bar:	Thermoseal Thermobar
Notes:	Result is obtained assuming glass is in vertical orientation as laid down in both UK and Ireland Building Regulations.

## Results

Thermal Transmittance Based on Internal Developed Area	0.82	W/(m <sup>2</sup> K)
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(Rooflight Configuration 1230mm wide x 1480mm high as per the requirements of EN 14351)

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Therm Consulting Ltd.

Signed: *G Morgan*

Date: 25<sup>th</sup> November 2019

The simulations in this report were performed using Win Iso 2D Pro version 7.93, strictly in accordance with the requirements of EN ISO 10077-2:2017.

The rooflight U value was calculated in accordance with the requirements of BS EN ISO 10077-1:2017.

The simulation files and spreadsheets generated are attached to this report as appendices.



**BFRC Certified  
Simulator 016**