



[DRAFT NBS] UMBRIS BY IQ

SPECIALISED AUTOMATED LOUVRE ROOF SYSTEM FOR

LOCATION:

Drawing reference(s):

Manufacturer: IQ Glass UK, Sky House, Raans Road, Amersham, Bucks HP6 6JQ, Tel: 01494 722 880

Product reference: IQ-U:[...]

Item Description:

Fields: Umbris roof fields included and conceal drainage, automation and all electrical connections, reference IQ-U:RF[...]

Material: 4mm Aluminium Casing with welded joints

Field Profile: 220mm tall, front and back profile 100mm wide, louvre connecting profile (includes motor and drainage) 175mm, element reference IQ-U:RFP[...]

Overall Field Coverage: [width] mm x [height] mm x [length] mm. All dimensions to be confirmed by CAD drawing. Manufacturing drawing will be provided by IQ Glass Solutions Ltd for client approval.

Number of Fields:

Field Connecting Profile: (if more than 1 field) 250mm wide x 220mm tall IQ-U:RFC[...]

Colour: [powder coated any RAL colour]

Integrated Motors: IQ-U:RFM

Additional Field Integrations: all additional elements integrated into the IQ-U:RF profile with all electrical connections hidden

Lighting: Integrated External Lighting

Lighting:

8x LED lights with dimmer functions integrated into IQ-U:RF.

Light Brightness: 2700 K / 3000 K / 4000 K / 6000 K

LED Lighting Strips with dimmer functions

Light Brightness: 2700 K / 3000 K / 4000 K / 6000 K

Single suspended light fitting from a IQ-U:L110 fixed Louvre

Control: [as specified below]

Music System: Integrated External Music System

Speakers: [Nr] x IQ-U:S64 integrated speakers, optional IQ-U:SA Amplifier

Control: 1x IQ-U:SRC Remote Control

Music Source: IQ-U:SB Bluetooth Module / IQ-U:SD Docking Station

External Heaters: Minimal, sleek externally rated electrical heaters, certified to IP55

1500W externally rated heater [product reference THH1500AEU]

To cover surface area of covered patio: 3m²

Dimensions: 924mm long x 165mm wide x 48mm deep

Weight: 5kg

2400W externally rated heater, [product reference THH2400AEU]

To cover surface area of covered patio: 5m²

Dimensions: 1364mm long x 165mm wide x 48mm deep

Weight: 6kg

3200W externally rated heater, [product reference THH3200AEU]

To cover surface area of covered patio: 6m²

Dimensions: 1774mm long x 165mm wide x 48mm deep

Weight: 8kg

Number of Heaters:

Mounting Options: Standard Bracket / Beampole Mount Bracket / Twin Mount Bracket

Colour:

Radiant heating panel: Black

High Grade Aluminium Casing: [powder coated any RAL colour]

Control: [as specified below]

Automated Louvres: reinforced louvres with integrated water collection and distribution, fixed within the Umbris Roof Field IQ-U:L114

Material: 4mm extruded aluminium

Colour: [powder coated any RAL colour, 60-80 microns] / Marine Grade Coating

Number of Automated Louvres:

Size of each Louvre: [length]mm long x 194mm wide x 35mm tall

Fixed Louvres: fixed louvres with integrated water collection and distribution IQ-U:L110

Material: hardwood timber [type] / 4mm extruded aluminium

Colour/finish:

Number of Fixed Louvres:

Location/Connection: fixed within the Umbris roof field (IQ-U:RF) / cantilevered from the Umbris roof field (IQ-U:RF)

Size of each Louvre: [length]mm long x 194mm wide x 35mm tall

Supporting Method: *The supporting method for an Umbris roof field will depend on the size and depth of the roof field, please discuss with IQ Glass before specifying.*

Supporting Leg Posts: Corner positioned / offset posts / extended leg supports

Material: 4mm thick extruded aluminium

Leg Dimensions: [length]mm x [height]mm

Leg Profile: 100mm wide x 100mm wide IQ-U:P[...]

Number of Legs:

Colour: [to match the field colour]

Building Supported

Tie Rod Supported: IQ-U:TR

Tie Rod Dimensions: [length]mm

Positioning of Tie Rod Fixing:

Number of Tie Rods:

Material:

Water Outlet: Field Integrated Spigot / Leg Water Outlet with Spigot / Leg Water Outlet without Spigot

Control:

IQ-U:T4: Remote control operation. White / White and Blue (splash-proof) / Silver / Black

IQ-U:T16: Remote control operation. White / Silver. *(required for Umbris roofs with multiple fields or additional electronic elements)*

App Control:

Additional Options:

Rain Sensors: adjustable, wire free rain sensor IQ-U:ARS

Colour: White / Off White / Black

Dimensions: 6mm long x 1.5mm tall x 1mm deep

Snow Sensor: additional snow sensor control available with IQ-U:ARS rain sensor

Wind Sensor: adjustable, wire free wind sensor IQ-U:AWS

Colour: White / Off White / Black

Dimensions: 6mm long x 1.5mm tall x 1mm deep

Fixing: to IQ Glass recommendations.