



Kingspan Plus Skylight Dome Data Sheet

Ideal for Commercial and Industrial daylighting requirements



Application

With its thermally separated profile system, the Plus Skylight Dome provides optimal energy efficiency and air tightness properties.

These make it ideal for application such as:

- Administration buildings
- Heated industrial buildings
- New builds and energy-optimised renovations



Features & Benefits

- Reduction of heating costs due to highly efficient overall design
- Reduction of power costs due to high light transmission
- Reduced CO₂ emissions due to high energy efficiency
- High rigidity and long life cycle due to aluminium clamping frame
- Impressive triple seal
- A light weight solution - when compared with solutions utilizing ISO glass
- Provided with system frame as standard
- Simple, flexible retrofit with accessories (e.g. ventilation drive) due to possible attachment on peripheral C-groove
- Ventilation and Smoke and Heat Extraction drives
- H&S classification: Non-fragility to ACR (M)001:2014 Class B, when installed as per Kingspan details

Performance

Plus Skylight Dome	U _g Value (W/m ² K ¹⁾)	Soundproofing Quality R _{wp}	Light Transmission (%)	g Value Opal (%)
Classic Skylight Dome Triple Skin	2.2	22 dB ²⁾	43	49

Standard glazing, opal, achieves Class E (EN 13501) fire performance.

Other glazing options (impact resistant, fire-resistant PETG, transparent or heat and soundproof glazing) on request.

Popular Sizes

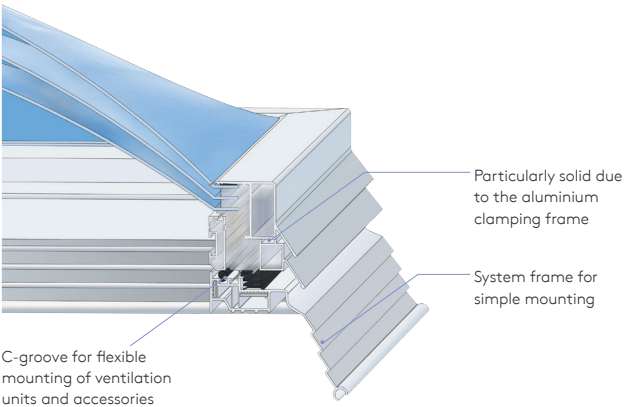
(Roof opening in cm)	Skylight Dome Classic Triple-skin Polycarbonate			
	U _g	PVC Base 15cm Urc-Value	PVC Base 30cm Urc-Value	PVC Base 50cm Urc-Value
60/60	2.2	1.5	1.6	1.5
60/90	2.2	1.5	1.6	1.5
80/80	2.2	1.5	1.6	1.5
90/90	2.2	1.6	1.6	1.6
90/120	2.2	1.6	1.6	1.6
100/100	2.2	1.6	1.6	1.6
100/150	2.2	1.6	1.6	1.6
120/120	2.2	1.6	1.6	1.6
120/150	2.2	1.6	1.7	1.6
120/240	2.2	1.7	1.7	1.6
150/150	2.2	1.7	1.7	1.6
150/250	2.2	1.7	1.7	1.6

Technical Specifications

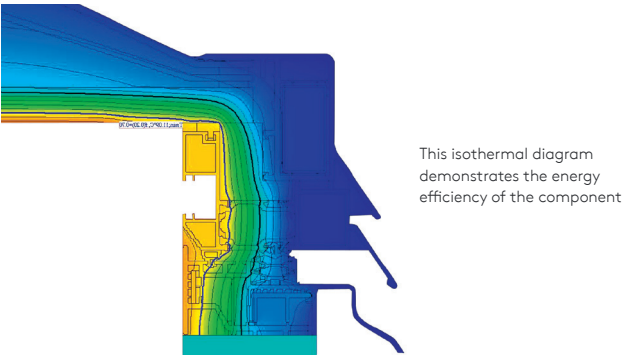
Available Sizes

Product Reference	Delivery size cm x cm	Incident light area m ²
Plus Skylight Dome	50 x 100	0.24
	50 x 150	0.39
	60 x 60	0.16
	60 x 90	0.28
	60 x 120	0.40
	62.5 x 150	0.55
	70 x 137	0.59
	70 x 141	0.61
	80 x 80	0.36
	90 x 90	0.49
	90 x 120	0.70
	100 x 100	0.64
	100 x 150	1.04
	100 x 200	1.44

Product Reference	Delivery size cm x cm	Incident light area m ²
Plus Skylight Dome	100 x 250	1.84
	120 x 120	1.00
	120 x 150	1.30
	120 x 180	1.60
	120 x 240	2.20
	125 x 125	1.10
	125 x 250	2.42
	141 x 231	2.55
	150 x 150	1.69
	150 x 180	2.08
	150 x 210	2.47
	150 x 240	2.86
	150 x 250	2.99
	180 x 180	2.56



Plus Skylight Dome triple skin (in acrylic) cross-section



Plus PC-st Skylight Dome, double skin, isothermal diagram

UK

Kingspan Light + Air

Greenfield Business Park No.2
Greenfield, Holywell Flintshire,
CH8 7GJ

T: +44 (0) 1352 716100

F: +44 (0) 1352 710161

E: info@kingspanlightandair.com

www.kingspanlightandair.com

Ireland

Kingspan Light + Air

Carrickmacross Road,
Kingscourt, Co.Cavan

T: +353 (0) 420969 8500

F: +353 (0) 420969 8572

E: info@kingspanlightandair.com

www.kingspanlightandair.com

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or visit www.kingspanlightandair.com

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