

## **MALIBU Readymade Polycarbonate Skylights – Eco-friendly – Eco-value product**

**Malibu Plastica P.Ltd.**, a manufacturer of polycarbonate sheets & articles is offering Readymade Polycarbonate Skylights – Domes & Pyramids.

Malibu Plastica is **ISO 9001:2008 registered company by DNV** & situated near Ahmedabad, Gujarat has taken over unit MH Polymers and started making / offering new products which are useful to the mankind and eco-friendly / recyclable with RoHS compliance.

MALIBU series Domes and Pyramids are widely accepted by Architects, Consultants & leading infrastructure companies & consultants. MALIBU offers Polycarbonate Skylights made from UV coated sheet. It suits to **Green Building Concepts / material standards** as it is allowing **energy saving** and gives **natural daylight penetration** inside building / house instead of using electricity energy for lighting which is one of the cause for carbon emission to generate / supply power by power house.

MALIBU series Domes / Pyramids are used for daylight penetration inside working area of Workshop / Factory and living areas of Villas / Bungalows. It allows natural daylight inside the building with diffused light transmission due to specific embossed surface of MALIBU skylights. It saves electricity due to natural light transmission and gives natural atmosphere in working / living area. These Polycarbonate Skylights are virtually unbreakable, transmitting natural light, Fire Retardant & withstands high atmosphere temperature & Weather Resistant for long lasting life span of 10 to 15 years. It gives total freedom to Architect, Consultants & Planners to design from initial stage to provide OTS while RCC curbing / slab level. It is widely accepted for using it for RCC slab based workshop / factories / warehouse & for Bungalows / Villas. MALIBU Polycarbonate skylights designed with required flat & stepped flange for leak-proof & easy installation. It is available in different dimensions in circular Dome & square Pyramid shape.

We recommend for designing of 45 degree slanting RCC curbing OTS instead of conventional 90 degree RCC curbing of OTS while RCC slab work is being designed or work scheduled. It gives more daylight for more hours (From 9 a.m. to 6 p.m.) and require smaller size skylight which becomes economical solution.

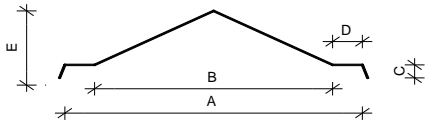
For more information on different sizes, curbing design, other products & commercial terms etc., we request you to contact us on [info@malibuplastica.com](mailto:info@malibuplastica.com),

### **Dome Skylight Sizes & shapes Data**

<b>Polycarbonate Dome (Stepped Flange) Embossed surface all sizes in mm</b>				
<b>Dome Overall</b>	<b>Dome Opening</b>	<b>Flange Height</b>	<b>Flange Width</b>	<b>Height of Dome</b>
<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>
Ø 650	Ø 560	40	40	240
Ø 750	Ø 610	50	70	245
Ø 1070	Ø 900	50	70	265
Ø 1325	Ø 1180	50	70	335

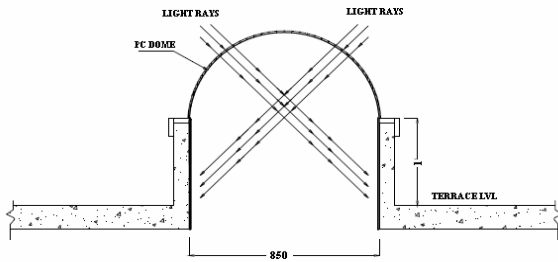
Tolerances : + / - 10 to 15mm

<b>Polycarbonate Pyramid (Stepped Flange) Embossed surface all sizes in mm</b>				
<b>Pyramid Overall</b>	<b>Pyramid Opening</b>	<b>Flange Height</b>	<b>Flange Width</b>	<b>Height of Pyramid</b>
<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>
Δ 680 x 680	560 x 560	25	60	145
Δ 750 x 750	590 x 590	50	60	250
Δ 1050x1050	890 x 890	50	70	330
Δ 1350x1350	1190 x 1190	50	70	375



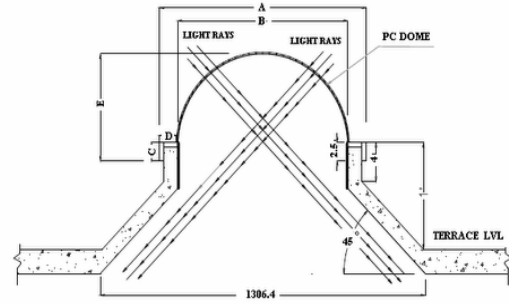
Tolerances : + / - 10 to 15mm

**CONVENTIONAL RCC CURSBING**



**LIMITATION OF DAYLIGHT PENETRATION**

**RECOMMENDED RCC CURSBING WITH 45°/55°**



**MORE DAYLIGHT PENETRATION DUE TO TYPICAL RCC CURSBING IN SPECIFIC DEGREE WHILE RCC CONSTRUCTION STAGE**