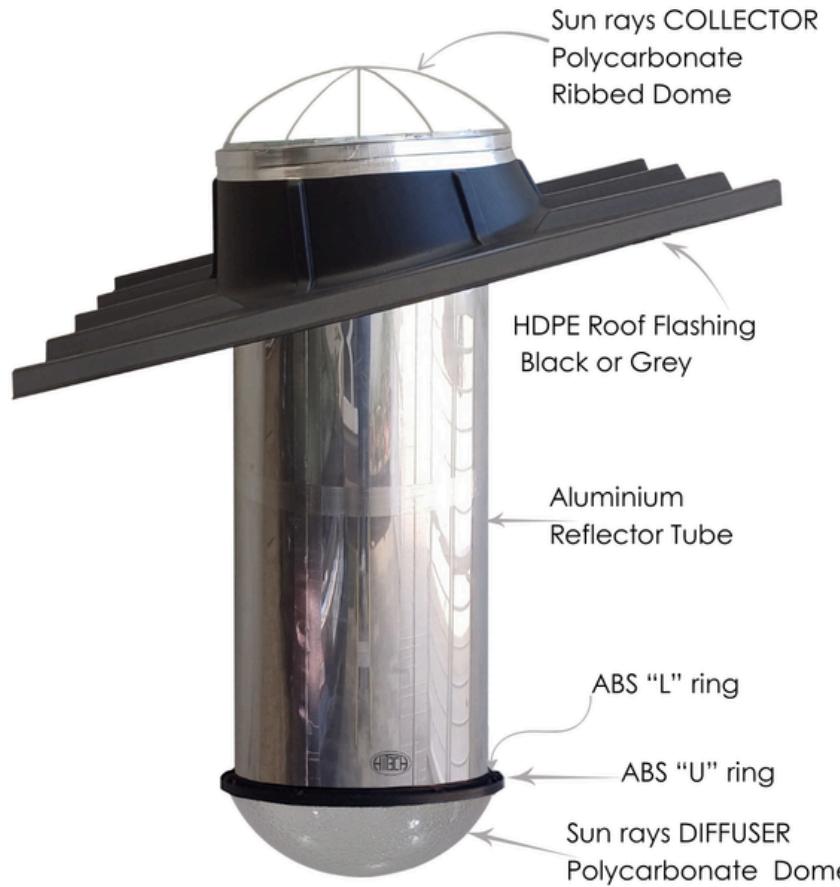


SUNLIGHT PIPE™



Thermoformers
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SUNLIGHT PIPE

MODEL SELECTION GUIDE

| Model | Suitable Roof height | Light Coverage on Floor | Max dist. betwn lights | LUX on floor |
|--------------|-----------------------------|--------------------------------|-------------------------------|---------------------|
| 300D | 3.0 mtr. to 4.0 mtr. | Upto 3.0 mtr. Dia. per light. | 3.0 mtr. | 250 -300 |
| 400D | 4.0 mtr. to 6.0 mtr. | Upto 4.0 mtr. Dia. per light. | 4.0 mtr. | 250 -300 |
| 600D | 6.0 mtr. To 10.0 mtr. | Upto 6.0 mtr. Dia. per light. | 6.0 mtr. | 250 -300 |
| 800D | 10.0 mtr. To 13.0 mtr. | Upto 8.0 mtr. Dia. per light. | 8.0 mtr. | 250 -300 |
| 3800D | 13.0 mtr. To 18.0 mtr. | Upto 80 sq.mtr. per light. | 8.0 mtr. | 300 -500 |

PLEASE NOTE :

LUX mentioned in above table are calculated on the basis of ambient LUX level of 95000



SUNLIGHT PIPE

PAY BACK GUIDE CONSIDERING SUNLIGHT PIPE : MODEL : 800D

In comparison with Electrical Lighting Energy Cost

800D model's lumen output = 21,000 lumens.

Electrical lighting wattage equivalent to 800D model = 465 w

Electrical Energy savings per day per 800D model = 0.465 kw

Therefore $0.465 \text{ kw} \times 10 \text{ hrs/day} \times 365 \text{ days} \times \text{Rs. 7.00 /kwh} = \text{Rs. 11,880.75}$

Maintenance cost savings of Electrical Set up

Considering Bulb & labour & Inventory & cables & switches & other misc. costs.

$465 \text{ w} \times \text{Rs. 5 (out of survey)} = \text{Rs. 2325 per annum.}$

| Sr | Investment in INR (A) | Electrical Energy Savings per annum (B) Price hike considered is 5% per year | Electrical Maintenance Cost Saving per annum (C) Price hike considered is 5% per year | Income Tax Depreciation on SUNLIGHT PIPE system (D) | Remaining Amount (E) = A - (B+C+D) |
|----|-----------------------|---|--|---|------------------------------------|
| 1 | 27,000 | 11,880 | 2,325 | 5,440 | 7,435 |
| 2 | 7,435 | 12,474 | 2,441 | 4,312 | -19,227 |

IDEAL PAY BACK PERIOD IS 16 MONTHS.....

AND BENEFITS CONTINUE UPTO 10 YEARS , IF QUALITY PRODUCT IS INSTALLED AND MAINTAINED AS PER GUIDELINES.



Comparison of Polycarbonate Profiled Sheets & **SUNLIGHT PIPE**™

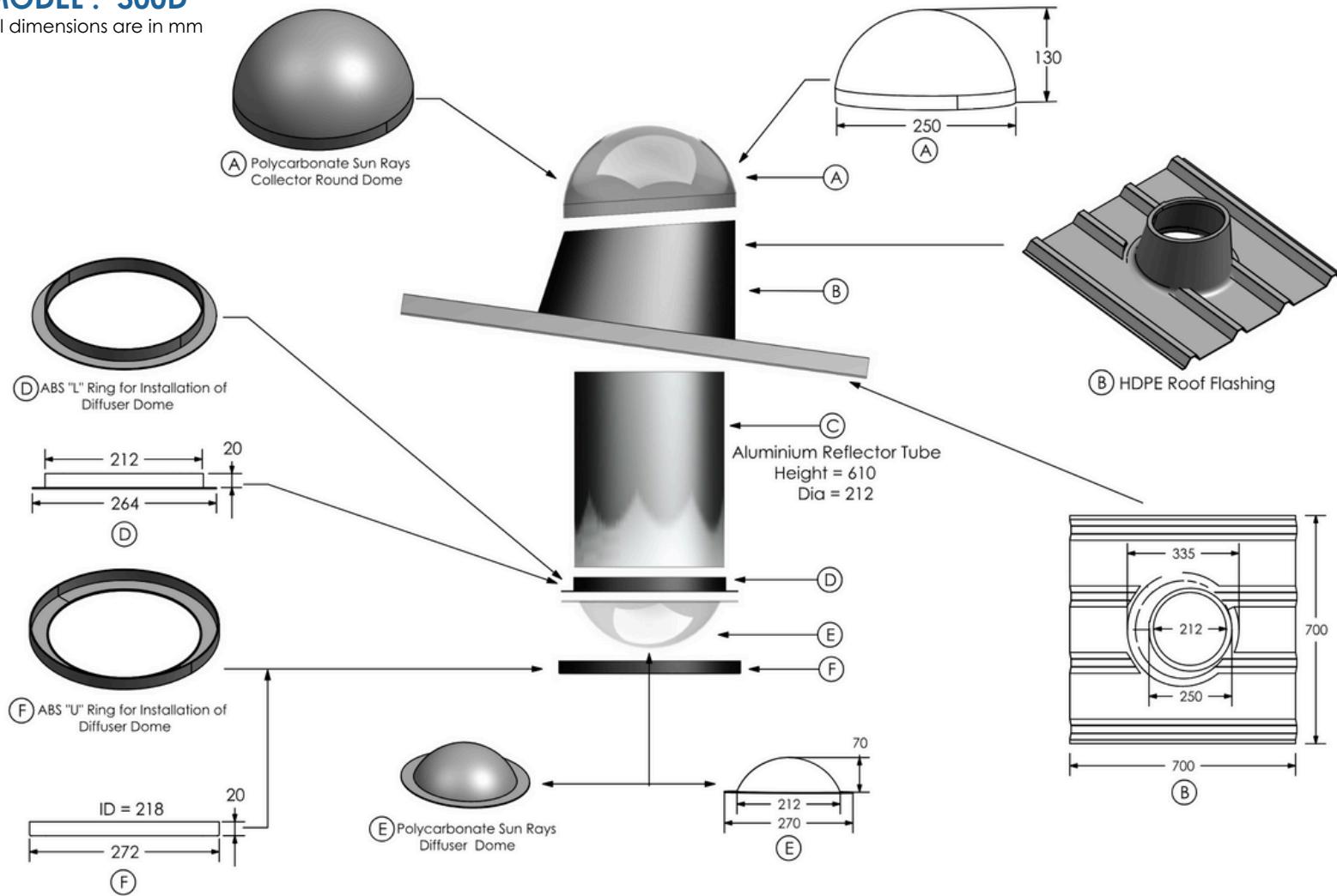
| Description of COMPARISON | Polycarbonate PROFILED SHEETS | SUNLIGHT PIPE |
|--|--|--|
| Induced stresses during manufacturing, resulting in cracks and later on water seepage from the same | YES , profiled sheets are usually manufactured by metal sheet cold bending method | NO , every part is manufactured using Thermoforming technique so no stresses induced in parts. |
| 50 micron UV coating | NOT SURE , as profiled polycarbonate sheet sellers and installers work on price basis only. | SURE , as every part is mfd. using material from TOP brands of nation & tested in CIPET / NABL labs. |
| Sunlight rays become yellow shortly and ambience below becomes drowsy, | YES , as profiled polycarbonate sheet sellers and installers work on price basis only. | NO , as every part is mfd. using material from TOP brands of nation & tested in CIPET / NABL labs. |
| Shifting Sunlight | YES , profiled sheets are flat in nature so sunrays passing through keeps changing direction. | NO , SUNLIGHT PIPE system is designed carefully and being cylindrical sunlight shifting does not happen. |
| Sunlight Intensity drops soon. | YES , profiled sheets are flat in nature, UV coating is not sure, so becomes yellow soon and dust settles to a large extent | NO , Spherical in shape & transparent UV coated polycarbonate dome doesn't allow dust accumulation over it. |
| Heat Transfer | YES , profiled sheets are flat in nature heat is transferred easily through them. | NO , air column is formed between TOP & BOTTOM dome by aluminum reflector tube so heat is not transferred |
| Misjudging and walking over by worker | YES , happens normally as identifying metal sheet and profiled sheet is very difficult after dust accumulation over it. | NO , System is projected above the metal roof sheets and very shiny domes alert the workmen. |



SUNLIGHT PIPE

MODEL : 300D

All dimensions are in mm

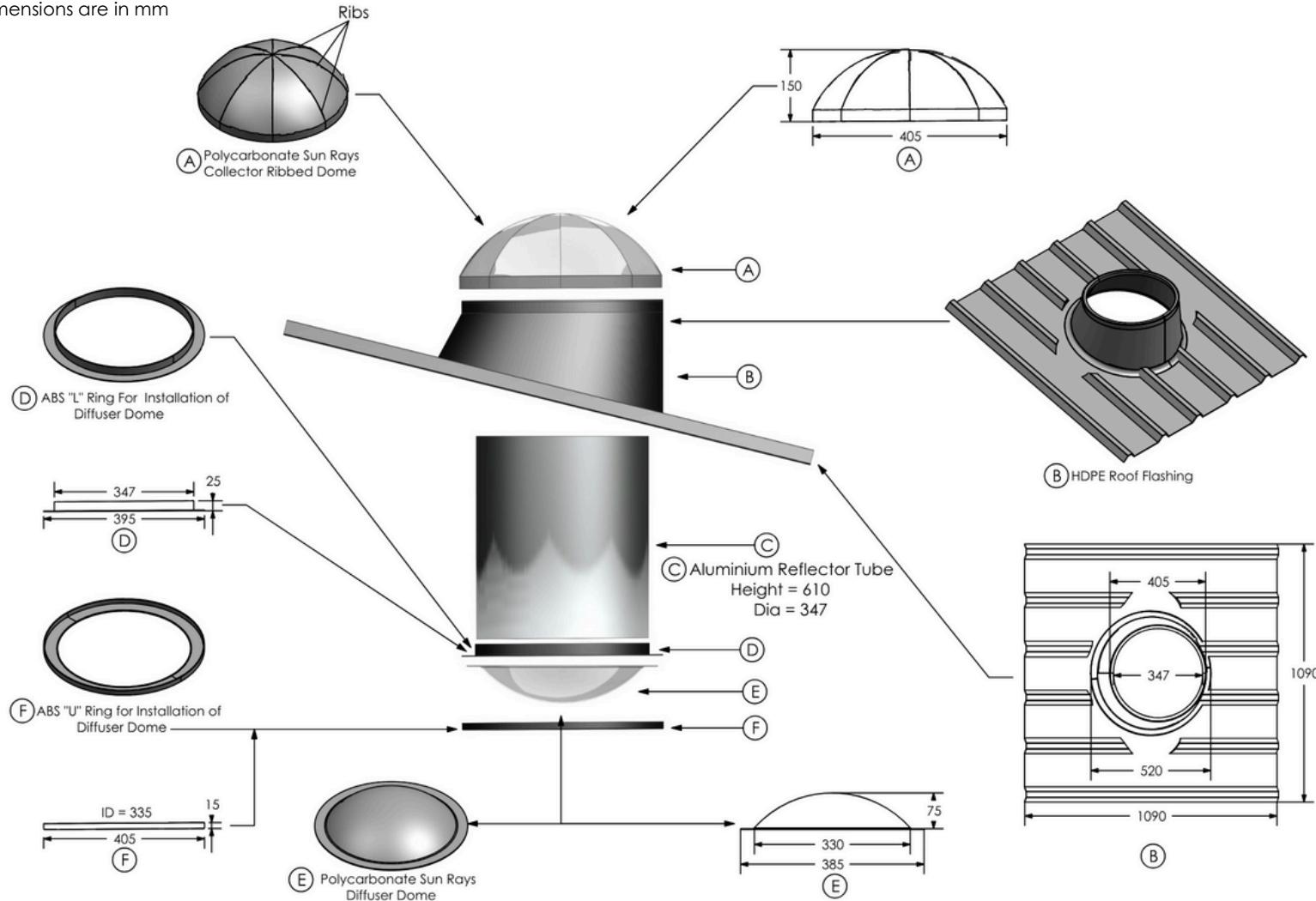




MODEL : 400D

All dimensions are in mm

SUNLIGHT PIPE

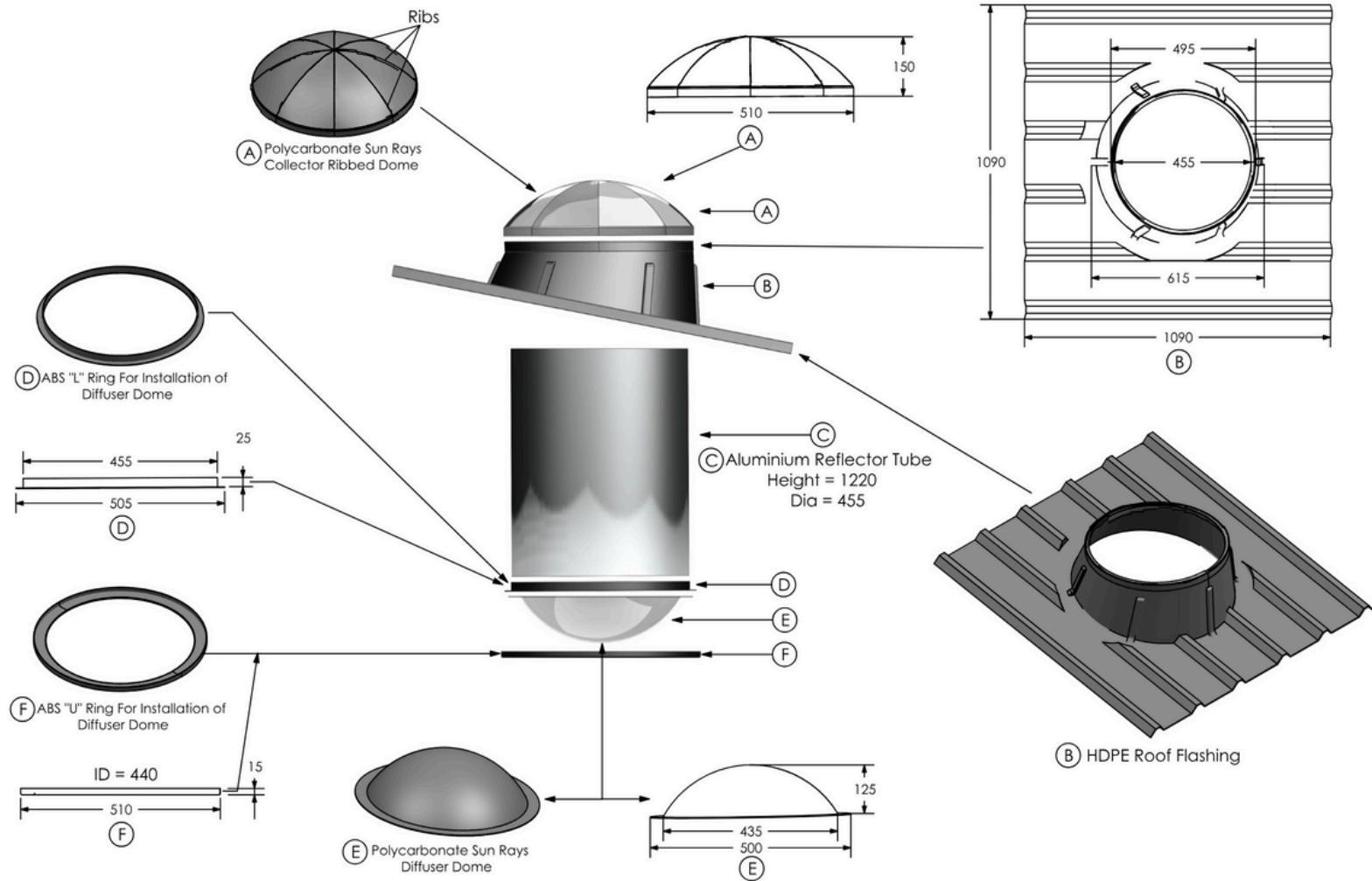




SUNLIGHT PIPE™

MODEL : 600D

All dimensions are in mm

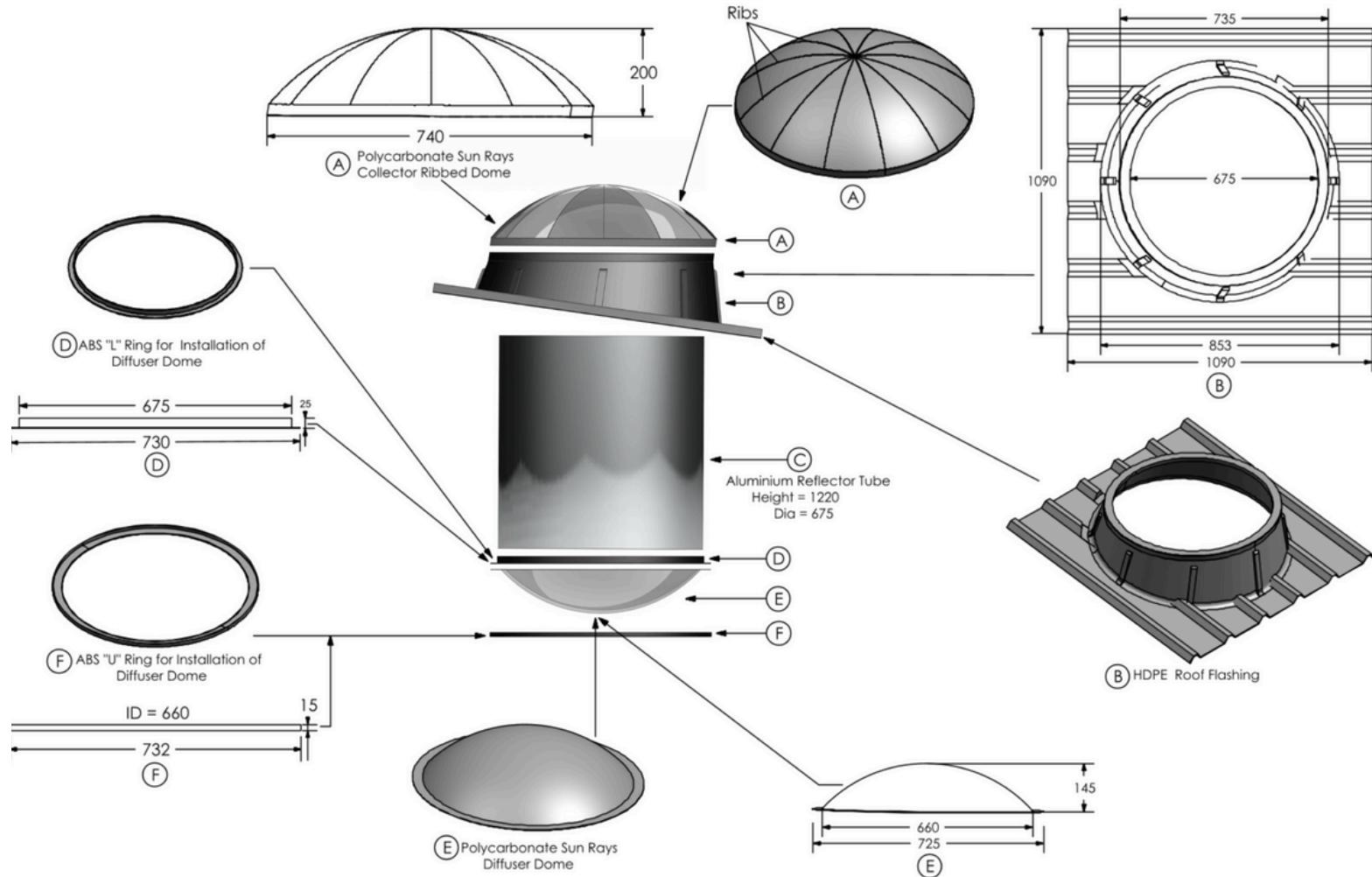




SUNLIGHT PIPE™

MODEL : 800D

All dimensions are in mm

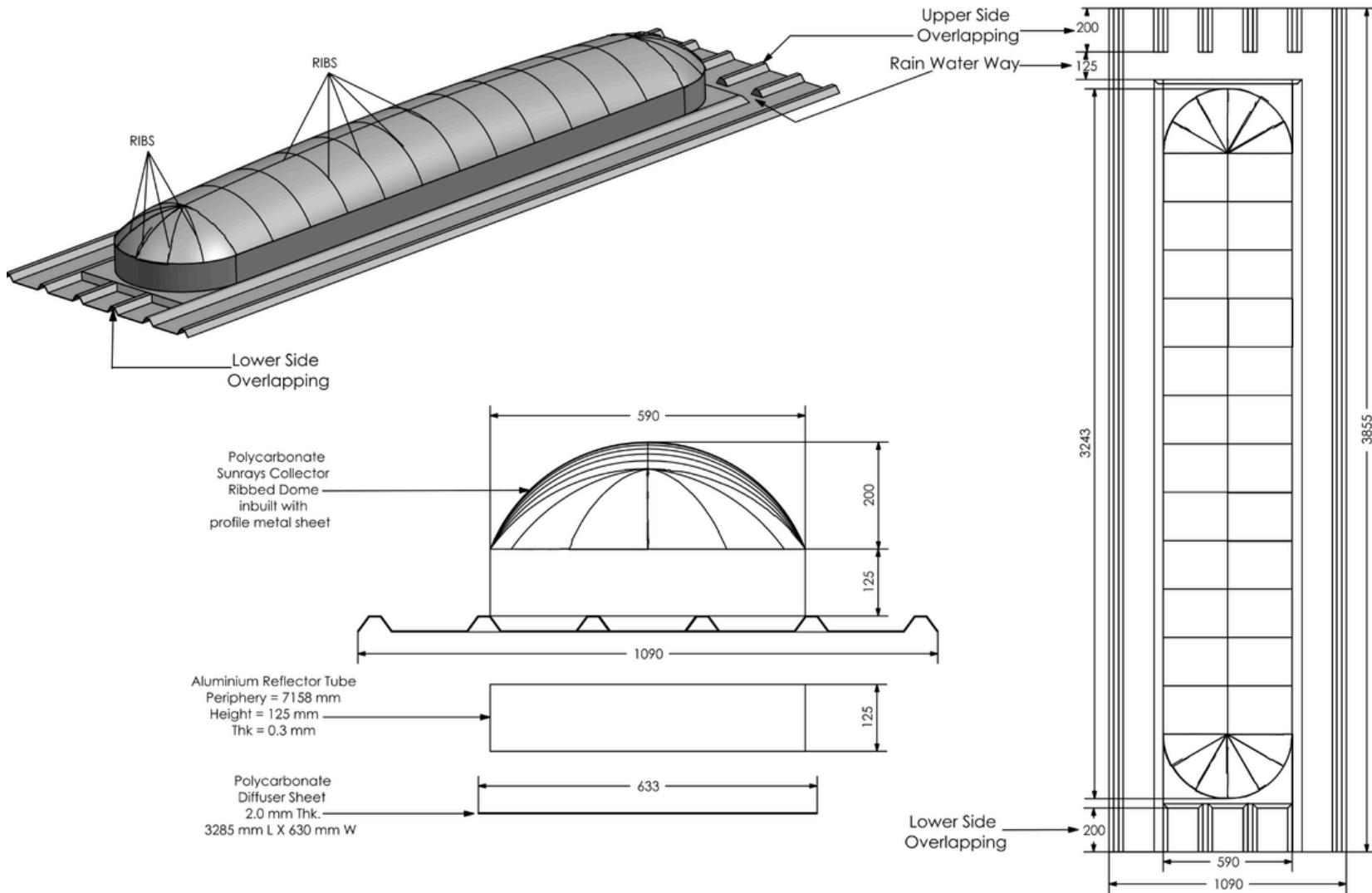


MODEL : 3800D



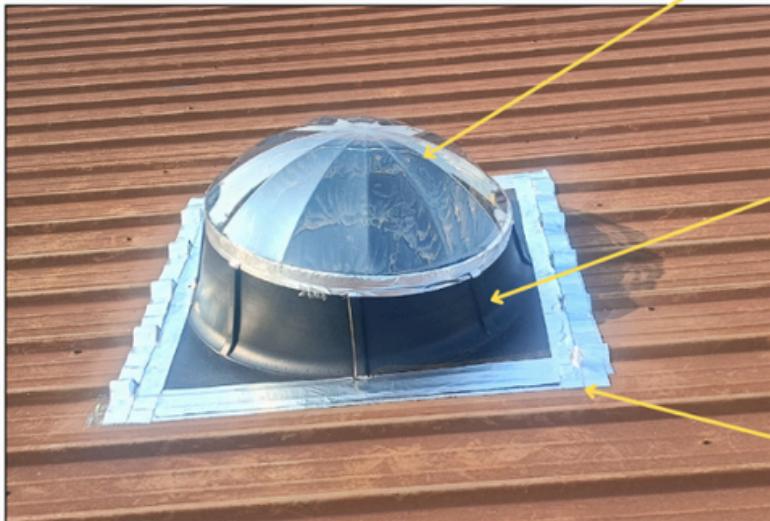
All dimensions are in mm

SUNLIGHT PIPE™





SUNLIGHT PIPE™



Transparent Ribbed Dome mfd
from 2.0mm thk. sheets and
vacuum forming

HDPE Universal Roof
Flashing mfd from
3.0mm thk. sheets and
vacuum forming
technique

4" wide Water proofing
Butyl Tape for water
proofing

Best in class design.

Raw material from the industry leaders.

High end specification raw material for the application



SUNLIGHT PIPE™



Aluminium rivetts fixed with metal roof

HDPE universal roof flashing from below

0.25mm thk. reflective aluminium tube

Sunrays diffuser polycarbonate diamond dome

Best in class design.

Raw material from the industry leaders.

High end specification raw material for the application



SUNLIGHT PIPE™





SUNLIGHT PIPETM





SUNLIGHT PIPE™



VIEW FROM ABOVE



VIEW FROM BELOW



SUNLIGHT PIPE™

Factory side office
Sunlight through false ceiling



Can be installed on any profile roof sheets.



SUNLIGHT PIPE™

Factory side office
Sunlight through false ceiling



Can be installed on any profile roof sheets.



SUNLIGHT PIPE™



← Sunlight thru false ceiling in
A large Work shop



↑ AC Waiting Hall of Hospital

← Ample Sunlight in a PAINT storage
warehouse eliminating fire hazard



SUNLIGHT PIPE



LET THE IMAGES SPEAK FOR ITSELF

LEAK PROOF DESIGN OF EACH PART | RIBBED TOP DOME | DIFFUSER DOME

HMHDPE UNIVERSAL ROOF FLASHINGS | ABS COMPONENTS FOR FITTING | ABS RINGS



SUNLIGHT PIPE™



WORK IN PROGRESS



BEFORE & AFTER INSTALLATION



SUNLIGHT PIPE™



4 Models
to suit
many
RCC openings





SUNLIGHT PIPETM



**STORAGE OF HIGHLY INFLAMMABLE
CHEMICALS & FABRICS**



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Some valued customers
Waiting to serve you too.....



SUNLIGHT PIPE



scan to chat



scan to reach us



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