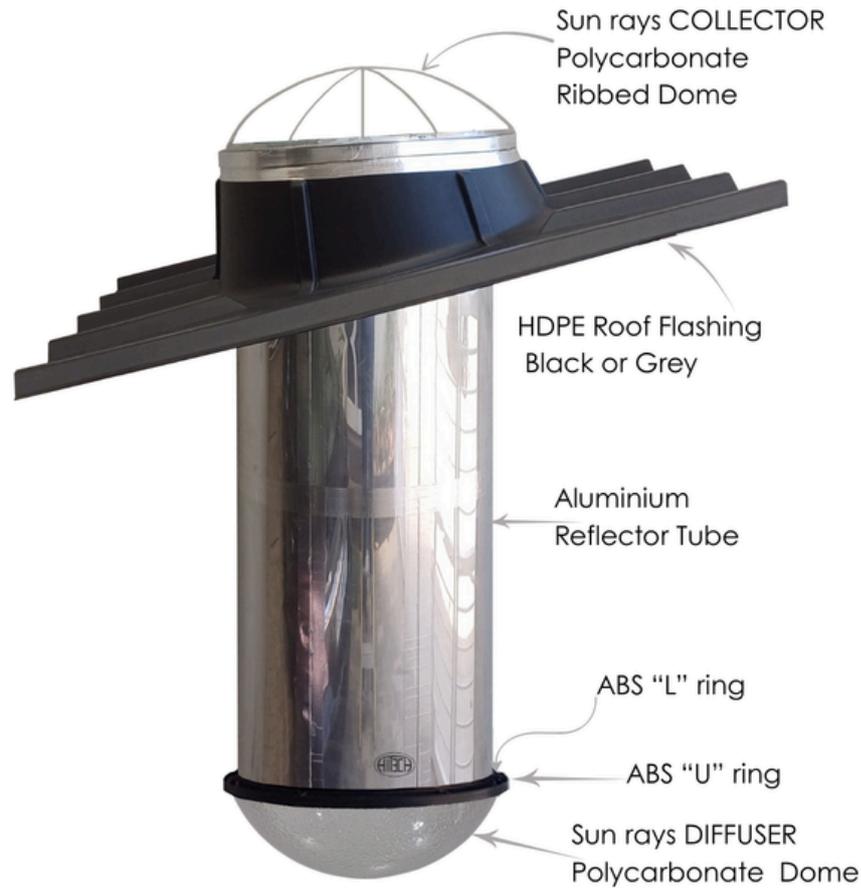


SUNLIGHT PIPE™



Thermoformers
private limited

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Hi Tech Thermoformers private limited, 61- Navdurga Industrial Park, At & PO : Sankarda , Ta & Dist. Vadodadra, Gujarat - 391350



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



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

Maintenance cost savings of Electrical Set up

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

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

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™

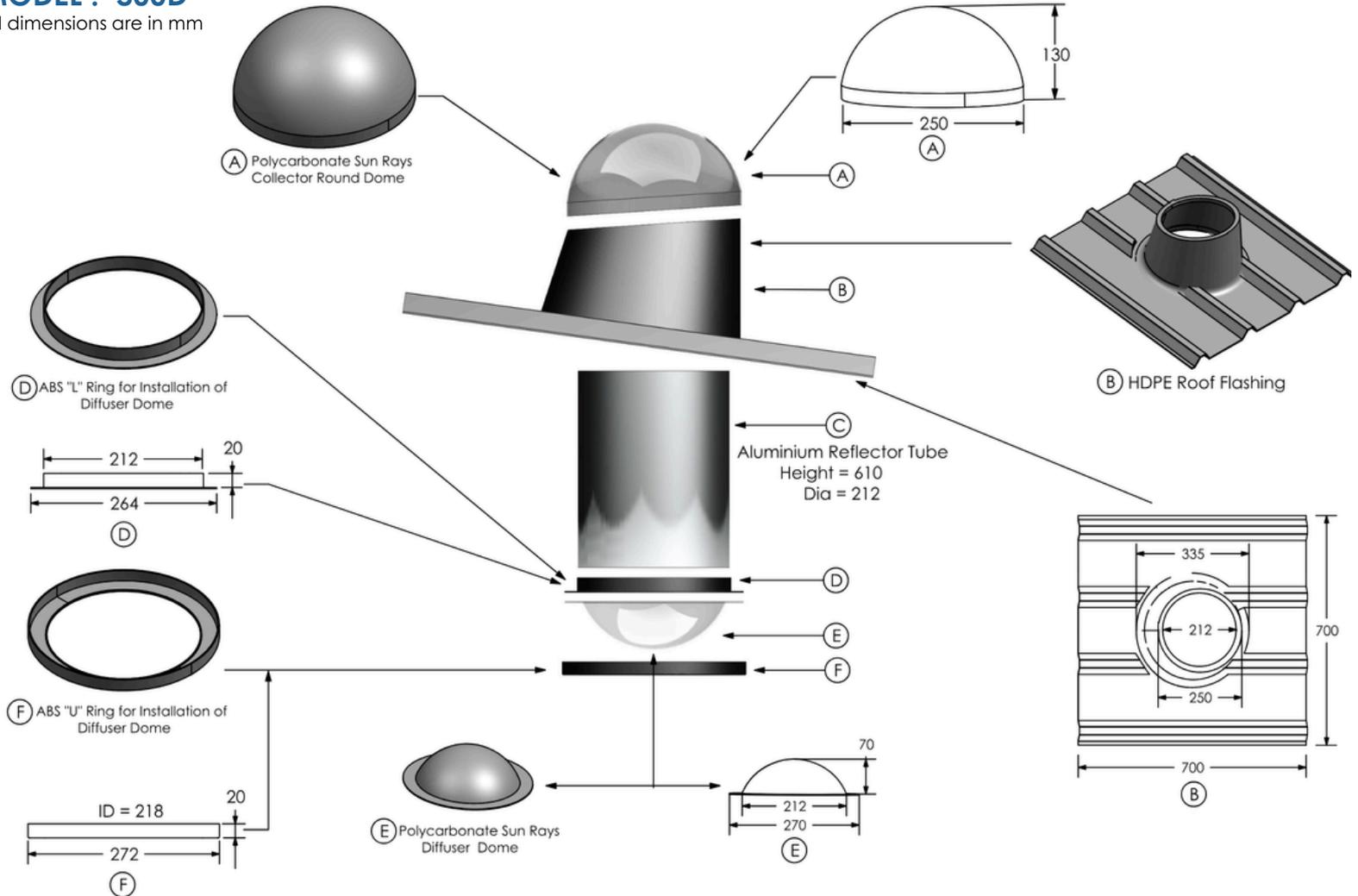
Description of COMPARISON	Polycarbonate PROFILED SHEETS	SUNLIGHT PIPE
Induced stresses during manufacturing, resulting in cracks and later on water seepage from the same	YES , profiled sheets are usually manufactured by metal sheet cold bending method	NO , every part is manufactured using Thermoforming 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

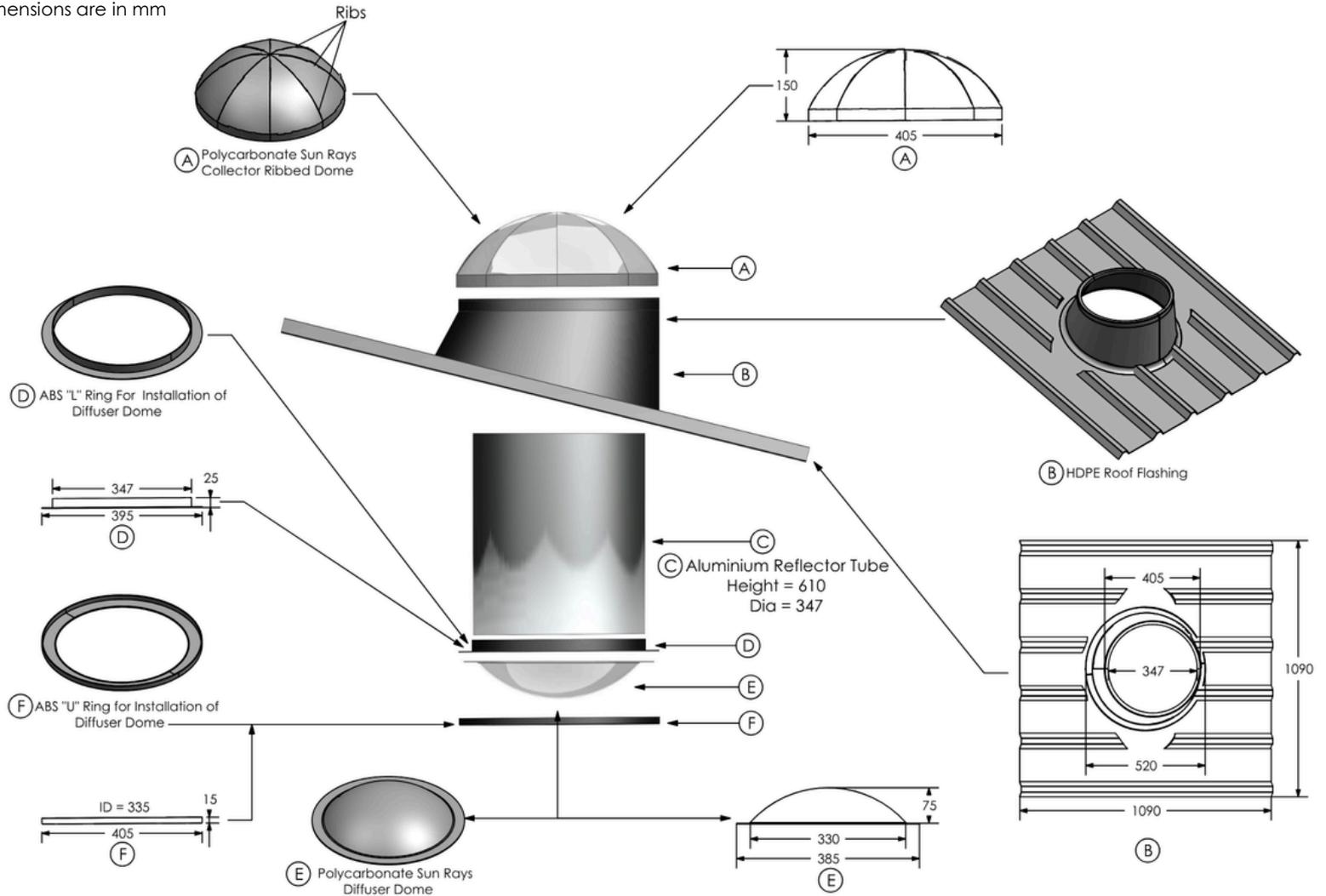




SUNLIGHT PIPE™

MODEL : 400D

All dimensions are in mm

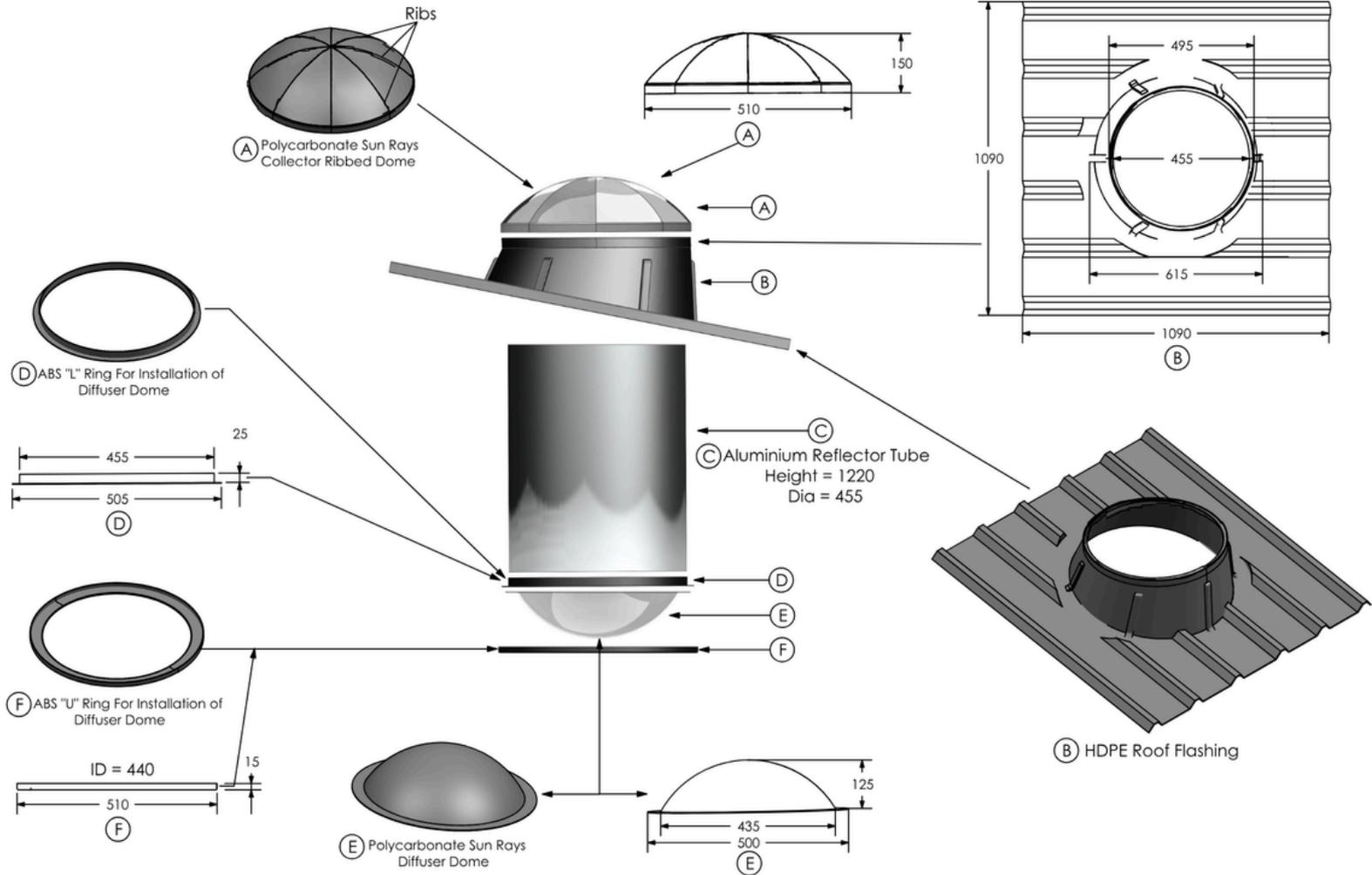




SUNLIGHT PIPE™

MODEL : 600D

All dimensions are in mm

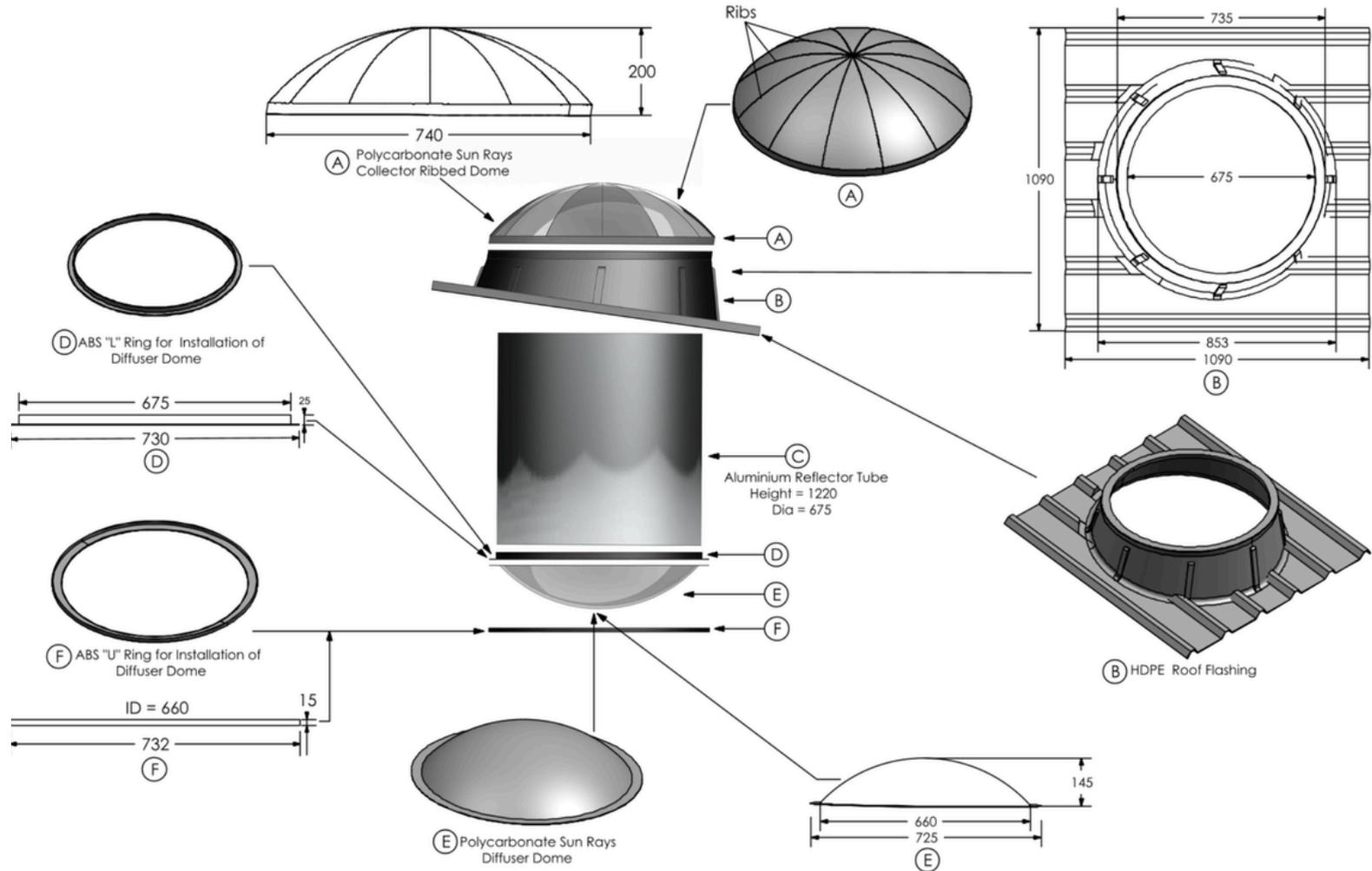




SUNLIGHT PIPE™

MODEL : 800D

All dimensions are in mm



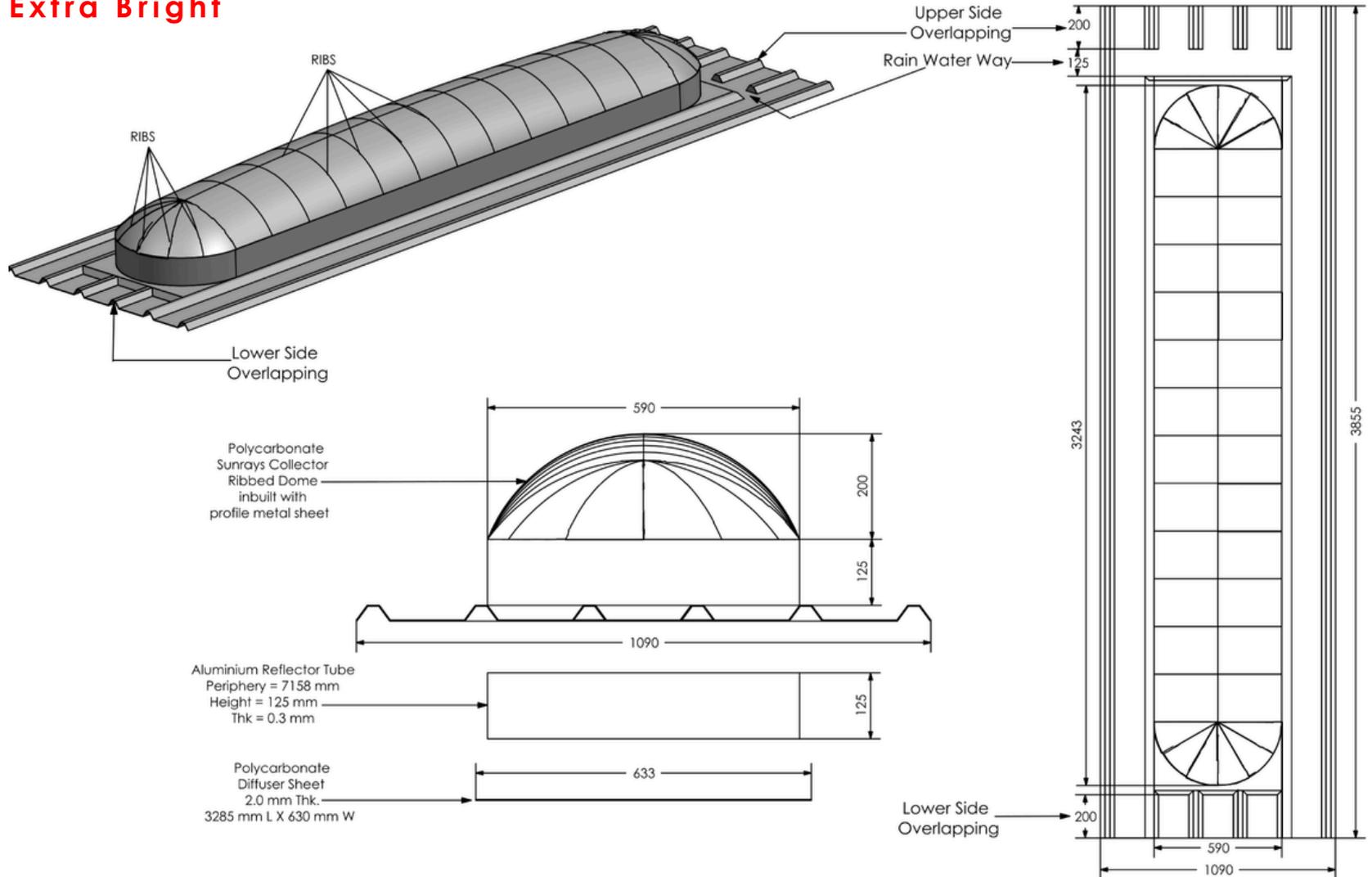
MODEL : 3800D

All dimensions are in mm

Extra Bright



SUNLIGHT PIPE



MODEL : 3800D
Extra Bright



SUNLIGHT PIPE™



Peripheral
raised reflector

Transparent
Sun rays collector
ribbed polycarbonate
dome

MODEL : 3800D

Extra Bright



SUNLIGHT PIPE™



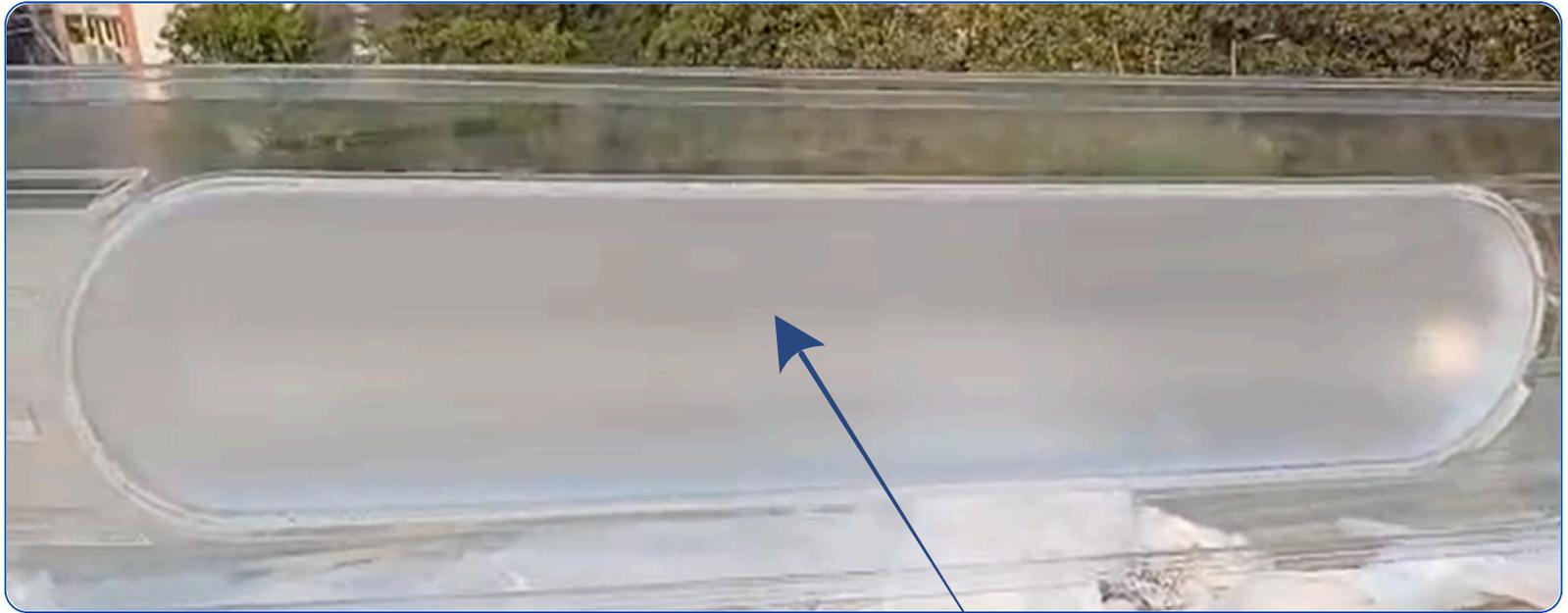
Maximum
sunrays trapping & deflection
from early morning to late evening

MODEL : 3800D

Extra Bright



SUNLIGHT PIPE™



Diamond diffuser (polycarbonate sheet)
for equal spreading of light and
blocking heat.

MODEL : 3800D
Extra Bright



SUNLIGHT PIPE™



Butyl tape between metal roof sheet and 3800D through periphery

2nd layer of butyl tape

1st layer of butyl tape

Butyl tape on screw/rivet head

Silicon sealant at junction of metal sheet & 3800D

96mm width Butyl tape covering junction

1075 mm

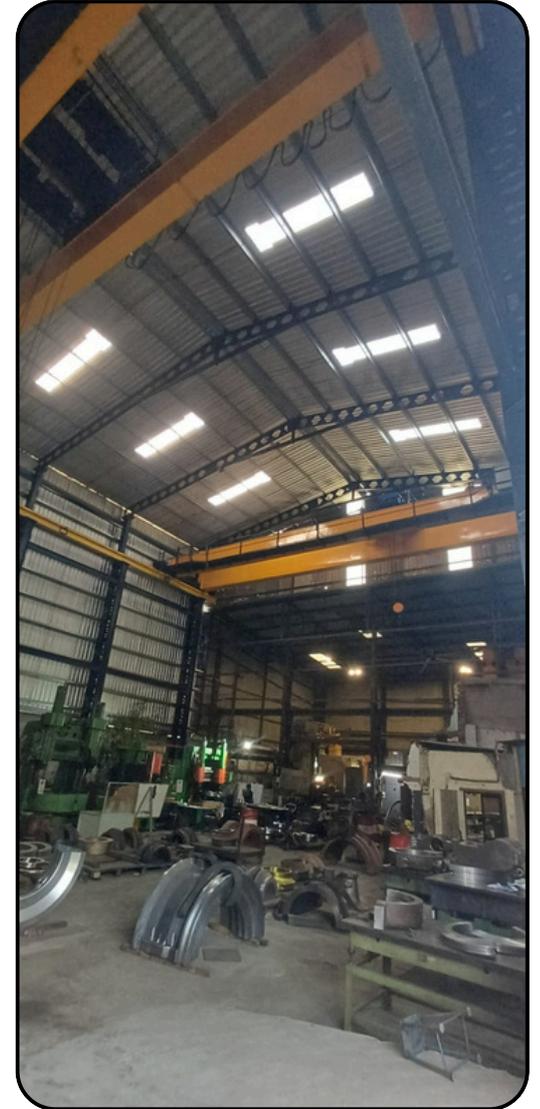
Full width metal sheet matching cross section & monolithic ribbed dome

MODEL : 3800D

Extra Bright



SUNLIGHT PIPE™



MODEL : 3800D

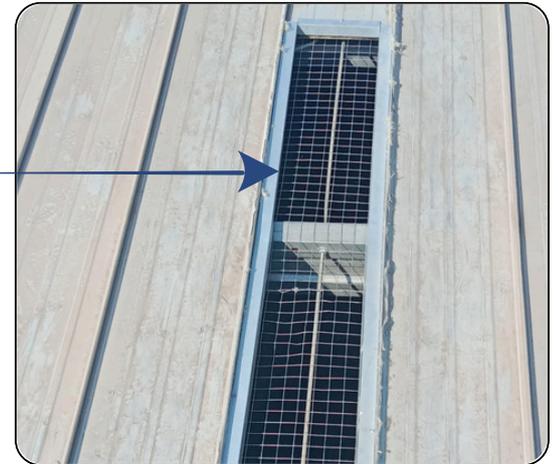
Max Bright



SUNLIGHT PIPE™



Reflector tubes for boosting the sunrays



Optional Safety Grill

MODEL : 3800D

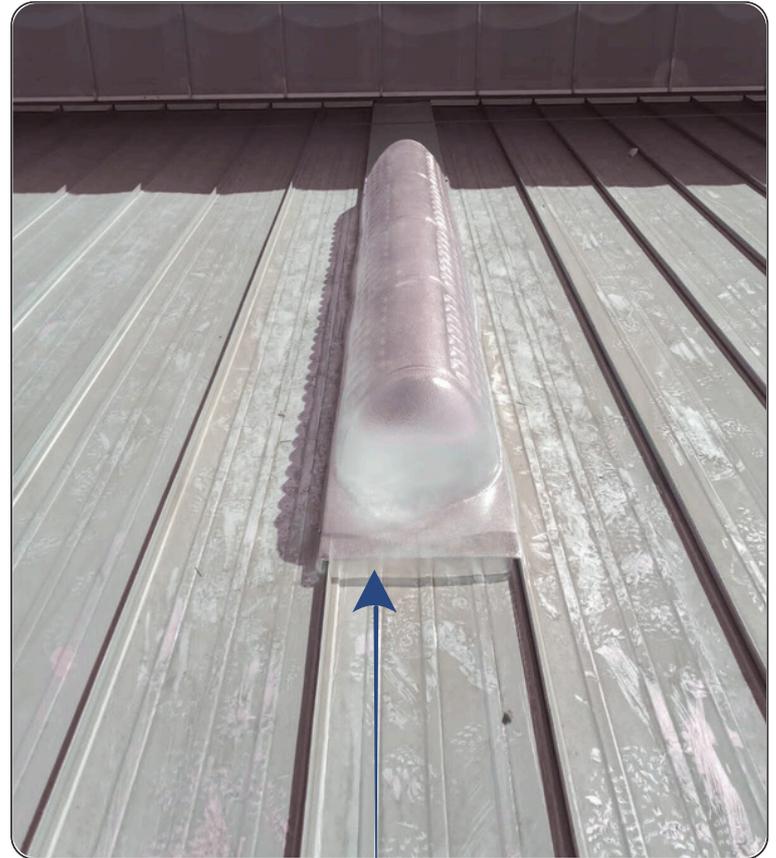


SUNLIGHT PIPE™

Max Bright



Water leakage
prevention adapter at
TOP SIDE



DOWN SIDE

MODEL : 3800D

Max Bright



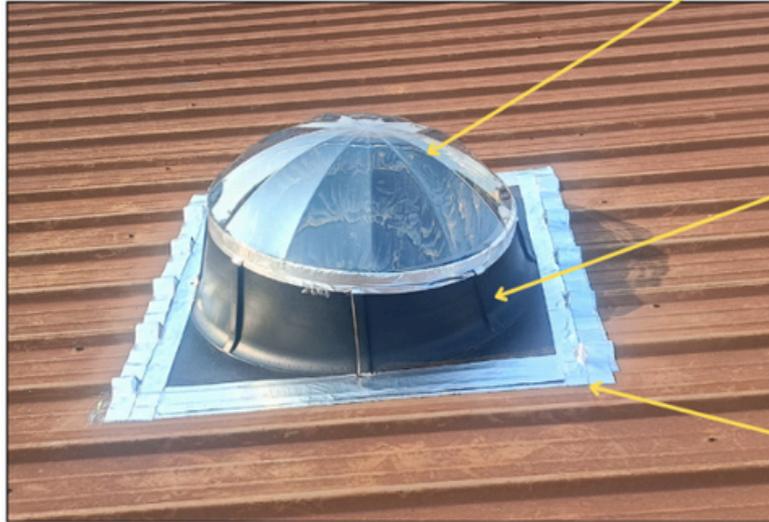
SUNLIGHT PIPE™





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 PIPE™





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



← Ample Sunlight in a PAINT storage
warehouse eliminating fire hazard



↑ AC Waiting Hall of Hospital



SUNLIGHT PIPE™

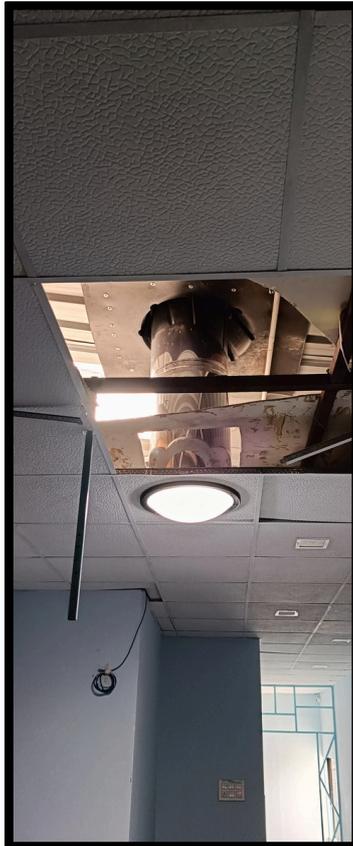


LET THE IMAGES SPEAK FOR ITSELF

**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 PIPE™



**STORAGE OF HIGHLY INFLAMMABLE
CHEMICALS & FABRICS**



SUNLIGHT PIPE™



**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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