

PHOSPORESCENCE TECHNOLOGY FOR TOILET LIGHTING IN REFUGEE CAMPS**PHLUÒ****Bill Of Material****PROTOTYPE.** Just the luminous panel

#	Description	Units	Quantity	Unit Cost	total Cost
1	Aluminate Strontium based powder ($\text{SrAl}_2\text{O}_4:\text{Eu}^{3+}, \text{Dy}^{3+}$)	kg	0,047	60	2,82
2	Resin	Kg	0,2	8,93	1,79
Total "prototype"					4,61

MOULD. unique for all panles

#	Description	Units	Quantity	Unit Cost	total Cost
1	Silicon	kg	0,017	60	1,02
2	polystyrene for the mold. 2 cm height sheet*	m2	0,075	0,73	0,055
3	glue for polystyrene *	Kg	0,05	9	0,45
Total "mould"					1,52

NOTE

- 1) The costs were indicated by referring to the prices of manufacturers available on the internet. Final price for a series of panles could be further reduced by purchasing larger supplies.
- 2) Costs may vary depending on whether the raw materials are purchased from other manufacturers
- 3) Shipping, transport and labor costs for installation are excluded
- 4) The cost of the formwork is amortized with the creation of 4 panels
- 5) The polystyrene is only used for the first mold. Subsequent molds can use a finished panel as a base