



DIRTECH

IR EMITTERS

20 years of know how in infrared
business



DIRTECH SAS
Company presentation

- Created the second of Décembre 2009.
- Capital 37000€
- Employees:
 - 2010 : 13
 - 2011 : 14
 - 2012 : 19
 - 2013 : 19
 - 2014 : 19
 - 2015 : 19
- Turnover
 - 2010 : 1,3 M€
 - 2011 : 1,5 M€
 - 2012 : 1,9 M€
 - 2013 : 1,6 M€
 - 2014 : 1,9 M€
 - 2015 : 1,9 M€
- Production capacity: 150Kpcs to 200Kpcs



Main activities

1 ; Infrared emitters manufacturing :

DIRTECH is specialized in the development and manufacture of Infra-Red Short Halogen emitters) and medium (heating resistance) mainly for the industrial environment. There are many applications:

Blow molding machines

(PET bottles manufacturing)



Paint drying

DIRTECH's 5 silver bullets

- 1-Two managers with each 20 years experience
- 2- Located in the center of Europe
- 3-Able to deliver "very" special IRemitters by unit
- 4-An inovative and adaptative company
- 5- Fully Service oriented

Competitive
advantages



Dirtech's IR emitters limits

- * Length from 100 mm to 2000mm
- * Power limits: No special limit, the key point is to keep current **lower than 15A**
- * Color temperature (Tc): **Maximum 3000K** But be careful, more the Tc is high more the life is short
- * Outer quartz tube diameter: 8, 10, 12 and 14,5mm
- * Quartz tube type: Transparent, translucent, ruby and twin tube
- * Reflector: **Ceramique reflector** (can survive until 900° C)
Gold reflector with better efficiency but temperature limit around 450° C
- * Special shape: Bending shape, U shape, circular and we are be to study all request





Paper drying



Semi conductors

Food industry
(Infrared ovens, etc.).



Textile (drying of prints on fabric)

Space heating

Inside or outside

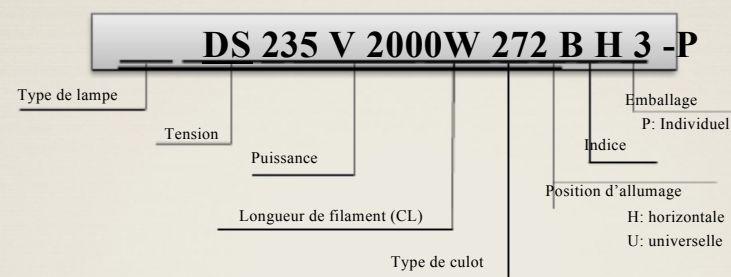


This list of examples is not exhaustive, there are also applications in the manufacture of materials, The automotive industry, etc. Infrared transmitters are used in various areas.

TECHNICAL DATAS

Pour toute demande,
merci de nous retourner la fiche
« Demande Client ».

Technical description and customization



Types de lampes

Infrarouge court

- DS: Tube clair.
- DC: Tube clair avec réflecteur céramique.
- DA: Filtre doré: PARYS GOLD.
- DB: Filtre cuivré: PARYS.
- DL: Tube DARKRED.
- DT: Tube translucide
- DD: Double tube:
 - DDS: Clair
 - DDL: RUBY
- DDSC: Lampe avec réflecteur céramique et double tube clair.

Infrarouge moyen rapide

- DM: Tube clair.
- MC: Tube clair avec réflecteur céramique.
- ML: Tube DARKRED.
- DDM: Double tube:
 - DDMS: Clair
 - DDML: Dark Red





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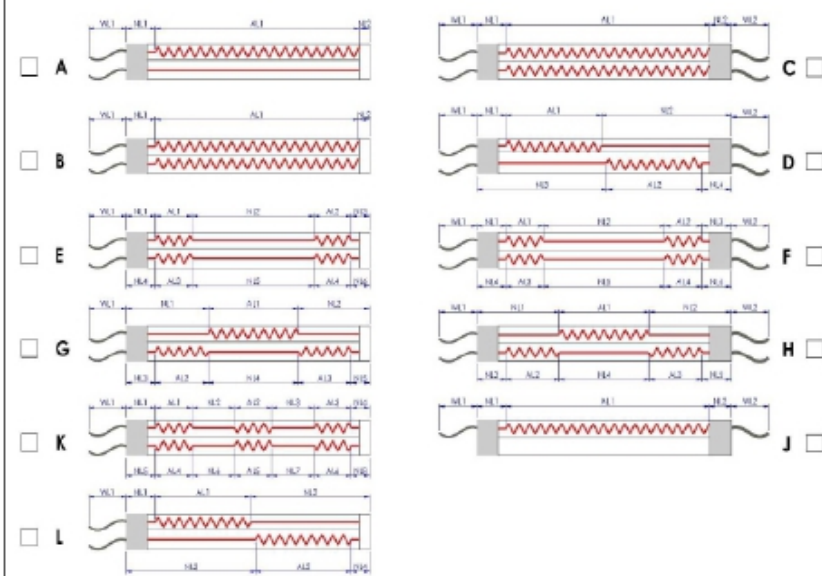
TWIN TUBE CUSTOMER'S REQUEST

Company details:

Company name: _____
Activity: _____
Country: _____
Web Site: _____

Contact name: _____
Phone: _____
Fax: _____
Email: _____

Construction:



Useful information:

Application or system: _____
Voltage, dimming during operation: _____ % to _____ %
Shock, vibration, acceleration: Yes No
Cooling system on sealing part: Yes No

Lamps annual consumption: _____ Pcs
Quantity per delivery: _____ Pcs





Technical data:

IR type:	Short wave	Fast Medium wave	Medium wave	
Tube type:	8 x 18 mm	11 x 23 mm	15 x 33 mm	
Voltage:	<input type="text"/> V			
Total length (OAL):	<input type="text"/> mm			
Total power:	<input type="text"/> W			
Heating length (AL):	AL 1	<input type="text"/> W	AL 2	<input type="text"/> W
	AL 3	<input type="text"/> W	AL 4	<input type="text"/> W
	AL 5	<input type="text"/> W	AL 6	<input type="text"/> W
Unheated lengths (NL):	AL 1	<input type="text"/> mm	AL 2	<input type="text"/> mm
	AL 3	<input type="text"/> mm	AL 4	<input type="text"/> mm
	AL 5	<input type="text"/> mm	AL 6	<input type="text"/> mm
Cable length (WL):	NL 1	<input type="text"/> mm	NL 2	<input type="text"/> mm
	NL 3	<input type="text"/> mm	NL 4	<input type="text"/> mm
	NL 5	<input type="text"/> mm	NL 6	<input type="text"/> mm
Coil temperature:	NL 7	<input type="text"/> mm	NL 8	<input type="text"/> mm
	WL 1	<input type="text"/> mm	WL 2	<input type="text"/> mm
	Position of installation:		Horizontal	
		Universal		

Reflector:

Reflector type:	Without	Gold reflector	White reflector
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Comments:

1

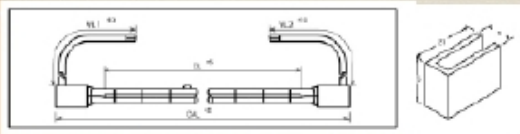
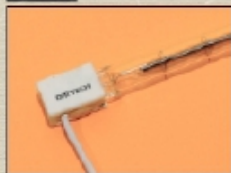
245

The 5 parts must be filled in !

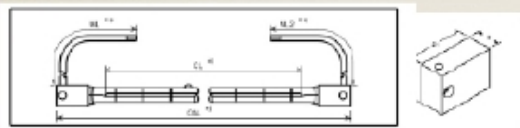
Infrared Halogen Heater Lamps

BASE TYPES

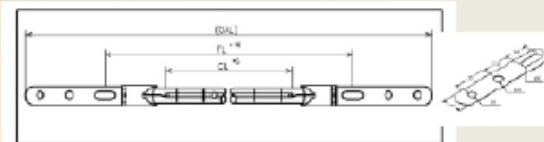
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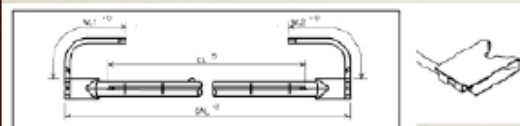
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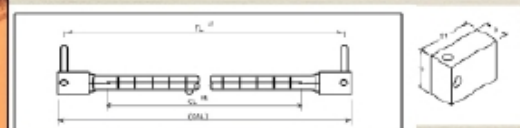
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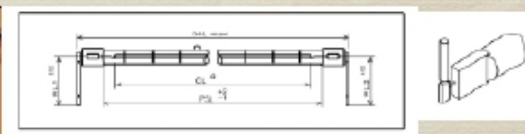
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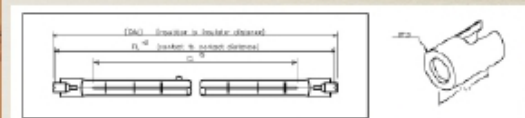
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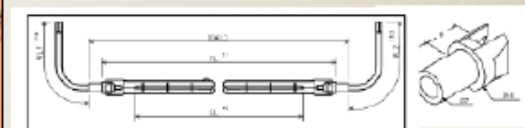
T type:



Rs type:



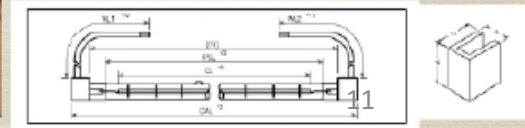
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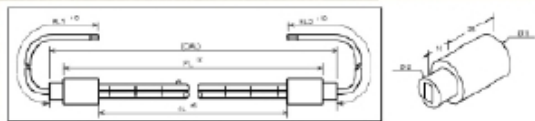
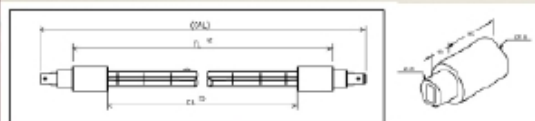
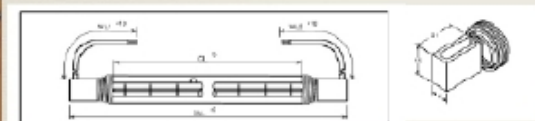
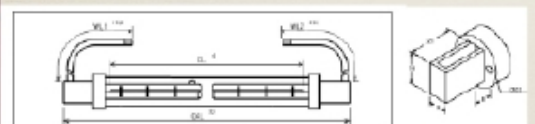
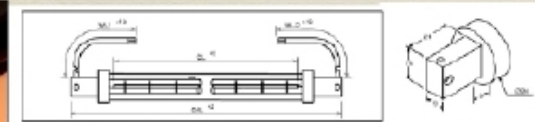
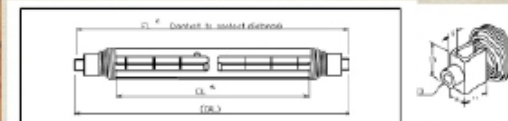


Ns type:



P type:



BASE TYPES**Gw type:****Gs type:****B type (jacketed lamp):****Bj type (jacketed lamp):****Bd type (jacketed lamp):****BASE TYPES****V type (jacketed lamp):****Vi type (jacketed lamp):****K type:**



Infrared Halogen Heater Lamps

CONNECTIQUES *



Câble dénudé
Lg: 7mm



Câble serti
Lg: 7mm



Cosse faston femelle
6,3x0,80



Cosse à fourche
M5



Cosse faston male
6,3x0,8



Cosse à œillet
M4

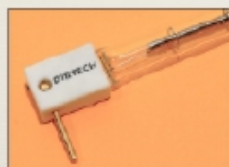


Gaine de protection

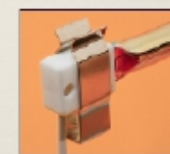
* Autres solutions disponibles sur demande.

SUPPORTS

NOUVEAU SYSTEM EXCLUSIF



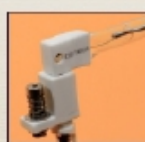
Support pour culots (R7S):
Rs, V & Vj



Support pour culots
B, Bf & Bj.



Standard



Compact



Support pour culot J.



Very special emitters

