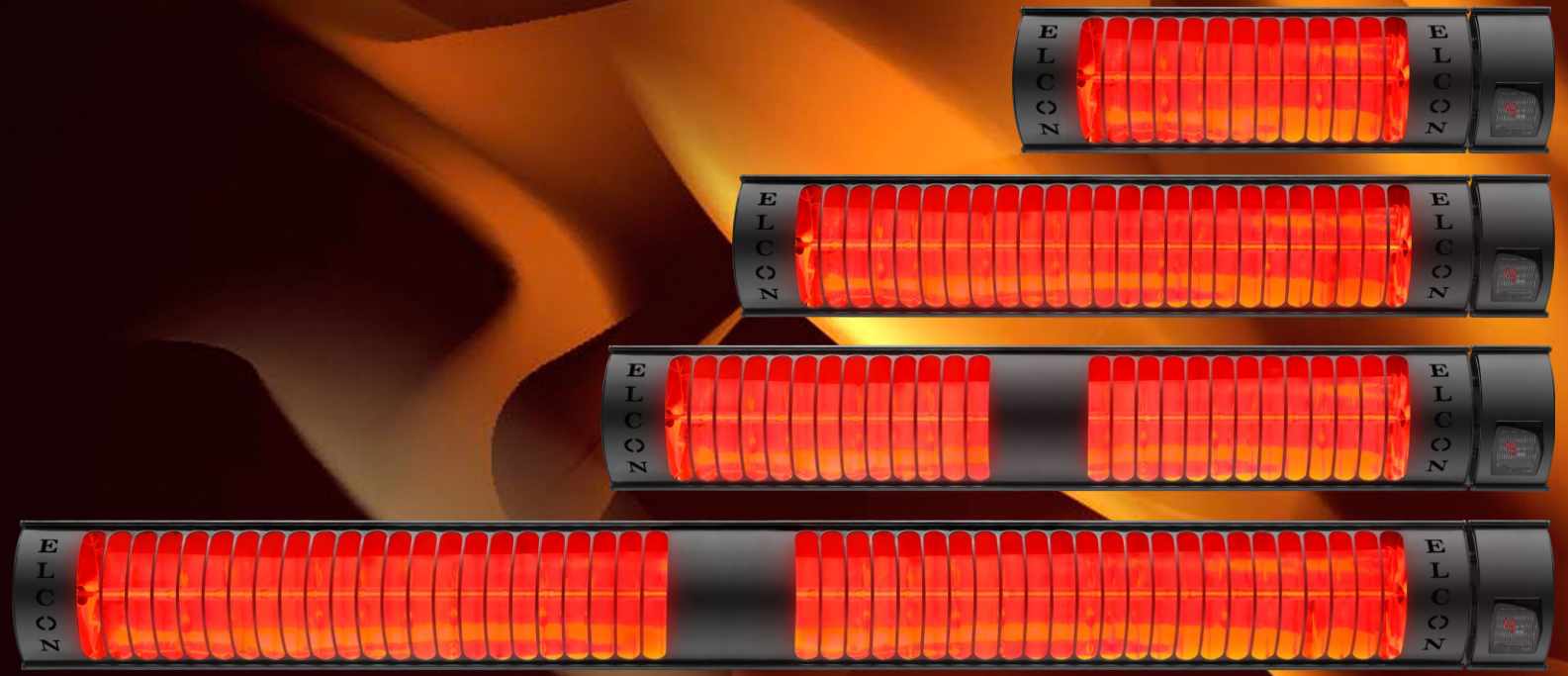
OUTSIDE INFRARED HEATING SYSTEMS

Technology Transforming
Winter Into Summer..

ELCON
INFRARED



www.infrared.com.tr
sales@infrared.com.tr

ABOUT US

ELCON Electric. End. Our company began to work as automation systems for heating systems and industrial automation for many industries. Our company, which strives to become a leader in its sectors, has adopted the principle of providing the most accurate services to its customers through continuous research and development. Below you will find sectors in which our company provides after-sales and after-sales technical support services, and also offers turnkey projects.
Yours sincerely.

- Preform PET Audit Blow Blower
- Automation of industrial furnaces and power control
- Automation and power control of drying chambers with wet and powder coating.
- IR screen printing applications and automation
- Revision of marble drying oven and capacity management
- Laminating machine applications and automation
- Extruder PID Heat Control Application
- PID Heat Control Injection Molding Applications
- Oven Fixation and Intermediate Dryer
- The use of machine drying of the edges with a ram

Being user-friendly thanks to it' s remote control module, ELCON RCH series infrared heaters leaves behind all the other heating systems in open-half open areas thanks to its decorative appearance and energy saving option.

- It has 6000 W power value.
- Optional remote control module
- Effective heating up to 4 meters
- Black aluminum body
- Esthetics appearance
- Easy assembly-disassembly



BTH-6000

- TH Series infrared heaters designed for heating
- extensive areas are used in factories,
- workplaces, airports, mosques,
- concert halls, stadiums, etc.
- Thanks to its intensified infrared technology,
- It provides the maximum heat transfer.



RCTH-6000

Being user-friendly thanks to it' s remote control module, ELCON RCH series infrared heaters leaves behind all the other heating systems

in open-half open areas thanks to its decorative appearance and energy saving option.

- IP67 class water- proof and dust- proof resistance
- Extensive and effective heating area with 130 mm body
- Aesthetic design - Easy assembly disassembly
- Maximum heat transfer thanks to Golden infrared technology

- Power selection level ;40 % 60 %, 80˚ and 100 %
- Digital screen and level selection
- 7000-hour-working lifetime

- 2000W,2500W,3000W,4000W power options
- 4 level control mode option for RC module



RCH-1500



RCH-2000 / RCH-2500



RCH-3000



RCH-4000

ELCON INFRARED HEATERS GENERAL SPECIFICATION

IR HEATER FEATURES	MODEL													
	BH SERIES			RCH SERIES					TH SERIES		CT SERIES		BT SERIES	
Product ID	BH-1500	BH-2000	BH-3000	RCH-2000/4	RCH-2000/6	RCH-2500/6	RCH-3000/8	RCH-4000/12	BTH-6000	RCTH-6000	CT-750	RCCT-750	BT-1100	RCBT-1100
Controller	No	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	No	Yes
IR Wavelength	1,2 µm	1,2 µm	1,2 µm	1,2 µm	1,2 µm	1,2 µm	1,2 µm	1,2 µm	1,2 µm	1,2 µm	1,2 µm	1,2 µm	1,2 µm	1,2 µm
IR Quantity	1	1	2	1	1	1	2	2	3	3	1	1	1	1
IR Filament Length (mm)	355	550	2x355	355	550	550	2x355	2x550	3x550	3x550	550	550	550	550
Operating Voltage (Volt)	235VAC	235VAC	235VAC	235VAC	235VAC	235VAC	235VAC	235VAC	235VAC	235VAC	235VAC	235VAC	235VAC	235VAC
Total Power (Watts)	1500	2000	3000	2000	2000	2500	3000	4000	6000	6000	1250	1250	1250	1250
Dimensions (mmxmmxmm)	400x130x100	400x130x100	800x130x100	470x130x100	670x130x100	670x130x100	850x130x100	1250x130x100	550x650x130	550x650x130	380x380x750	380x380x750	480x1100x510	480x1100x510
IP Class	IP67	IP67	IP67	IP67	IP67	IP67	IP67	IP67	IP67	IP67	IP67	IP67	IP67	IP67
Heating Area (m2)	8-16	10-20	15-30	10-20	10-20	12-24	15-30	18-35	28-55	28-55	2-5	2-5	2-5	2-5
Infrared Life (hours)	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000
Warranty Period	2 Years	2 Years	2 Years	2 Years	2 Years	2 Years	2 Years	2 Years	2 Years	2 Years	2 Years	2 Years	2 Years	2 Years
BODY FEATURES														
Material used	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Stainless	Stainless	Stainless	Stainless
Color	Black	Black	Black	Black	Black	Black	Black	Black	Black	Black	Metalic	Metalic	Metalic	Metalic
Power Cord	3x1,5mm2	3x1,5mm2	3x2,5mm2	3x1,5mm2	3x1,5mm2	3x1,5mm2	3x2,5m2	3x2,5m2	4x4mm2	4x4mm2	3x1,5mm2	3x1,5mm2	3x1,5mm2	3x1,5mm2 0
MOUNTING FEATURES														
Application surface	Wall/Ceiling	Wall/Ceiling	Wall/Ceiling	Wall/Ceiling	Wall/Ceiling	Wall/Ceiling	Wall/Ceiling	Wall/Ceiling	Wall/Ceiling	Wall/Ceiling	Stand	Stand	Stand	Stand
Minimum. Assembly Load.	1300	1500	1500	1500	1500	1500	1500	1800	2000	2000	-	-	-	-
Maximum Mounting Load.	2500	3000	3000	3000	3000	3000	3000	3000	3500	3500	-	-	-	-



Infrared heaters which are the irreplaceable heating systems for the outdoors bring elegance to the business facilities with its aesthetic design and remove the in elaborate appearances of other heating systems and ensure the energy spent to be minimized. Technical properties of Golden Infrared, the most distinctive property of infrared heaters are as follows:

ELCON BH Series infrared heaters are ergonomic heaters which can operate in open-half open areas and are not affected by water and dust.

- 1500/,2000W,3000W power options
- 400 Mm/ 600mm,/800mm size options
- 7000-hour-working-lifetime - Black body
- Aesthetic design
- Easy assembly-disassembly
- Maximu m heat transfer thanks to its gold en infrared technology

Class tube of the high density infrared lamp is covered with special golden composite.

- It has 1,2 (Short) wave length.
- Filame nt heat can reach to 2200 C.
- It reaches 1009 of energy wit hin 1 second.
- It is suitable for vertical and horizontal usage.
- It has 7000-hour-working-lifetime.
- It is guaranteed for 2 years.



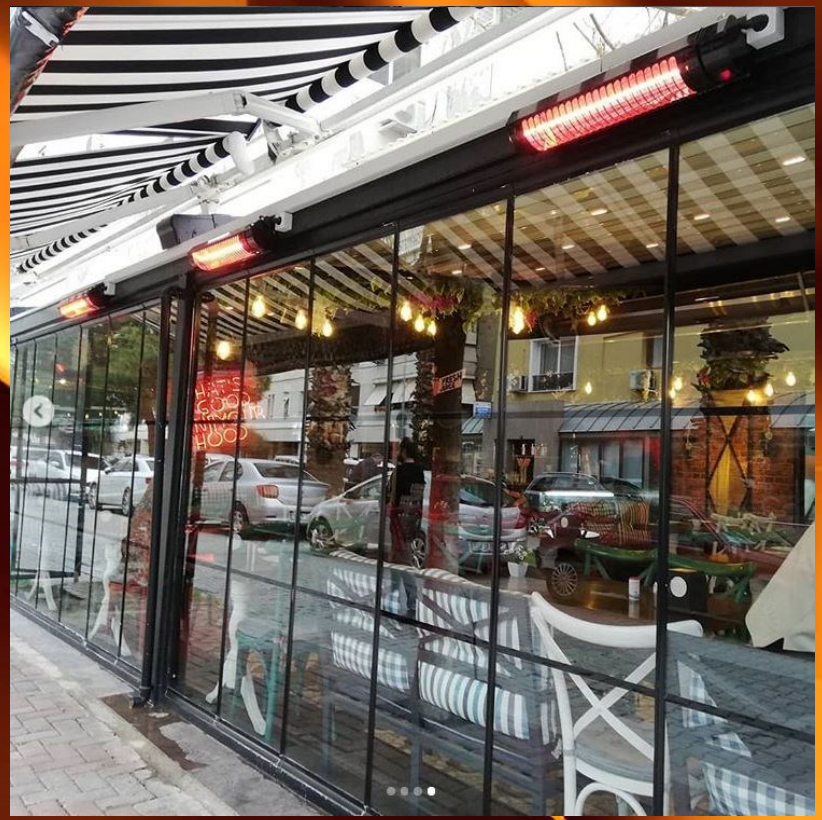
BH-1500

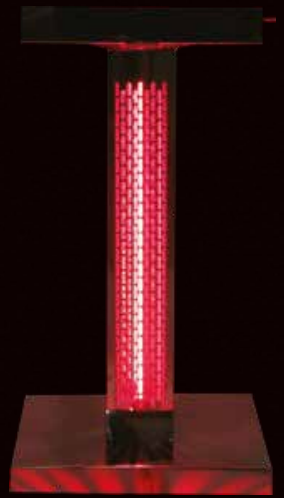


BH-2000



BH-2500





CT-750



BT-1000

Grounded socket for mobile phone or computer charging

Suitable for outdoor usage and water-prof resistant

Esthetics design and easy installation

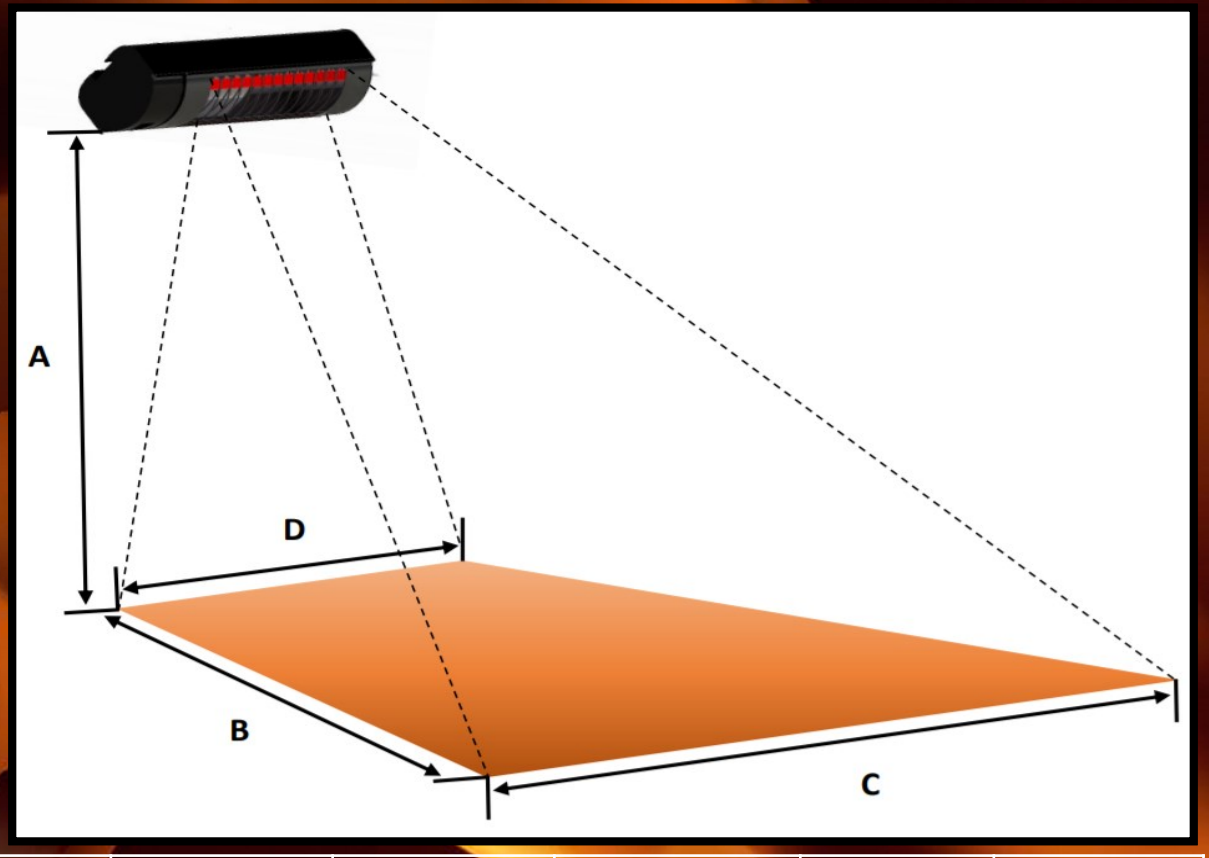
There are two models one of which is Cafe type (CT-750) and bistro type (BT-1000)

Provides high intensity heating by consuming low power thanks to Helen Infrared technology

1250/ low power consumption

Long time usage thanks to stainless steel body

ELCON HEATING TABLE



A , B , C , D : metre(m)
S: square meter (m2)

	BH-1500	BH-2000	BH-3000	RCH-2000/4	RCH-2000/6	RCH-2500/6	RCH-3000/8	RCH-4000/8	RCH-4000/12	BTH-6000	RCTH-6000
A (Min-Max)	1,3-2,5	1,5-3,0	1,5-3,0	1,3-2,5	1,5-3,0	1,5-3,0	1,5-3,0	1,8-3,0	1,8-3,0	3,0-5,0	3,0-5,0
B (Min-Max)	2,0-3,0	2,0-3,0	2,0-3,5	2,0-3,0	2,0-3,0	2,0-3,0	2,0-3,5	2,5-4,0	2,5-4,0	2,0-6,0	2,0-6,0
C (Min-Max)	3,0-4,0	3,5-4,5	4,5-5,0	3,0-4,0	3,5-4,5	3,5-4,5	4,5-5,0	4,5-5,0	5,5-6,5	3,5-4,5	3,5-4,5
D (Min-Max)	1,5-4,0	1,8-4,5	2,0-5,0	1,5-4,0	1,8-4,5	1,8-4,5	2,0-5,0	2,0-5,0	2,2-5,5	2,0-4,5	2,0-4,5
S (Min-Max)	6,0-12,0	7,5-13,5	9,0-13,5	6,0-12,0	7,5-13,5	7,5-13,5	9,0-13,5	9,0-13,5	12,0-22,0	15,0-28,0	15,0-28,0

INFRARED HEATERS PARTS

1- 670 * 130 * 77 mm 2 mm aluminum body

2- Side Covers

3- Front Grille

4- 0.4 mm reflector

5- Golden Infrared Lamp (2000W, 235V)

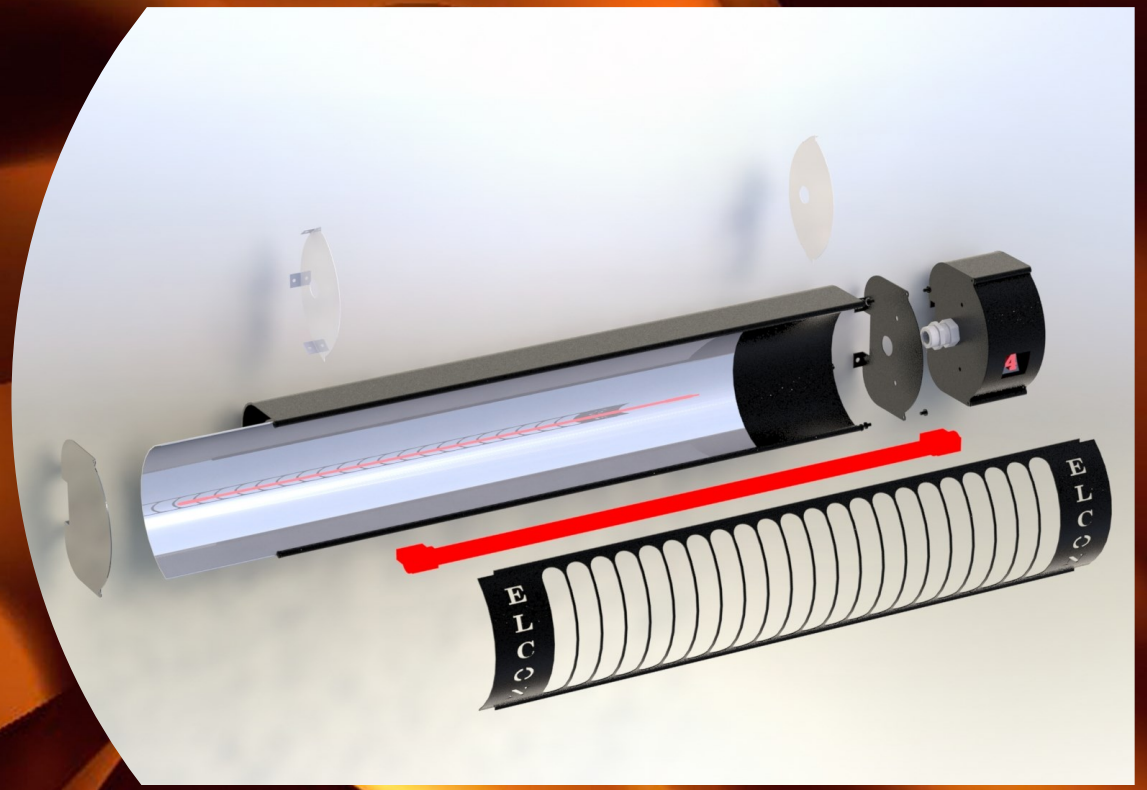
6- Infrared lamp attachment apparatus

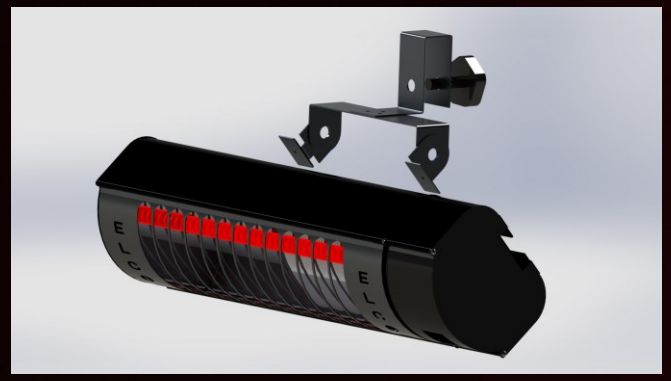
7- 1.5 mm rubber cable (resistant up to 500 C)

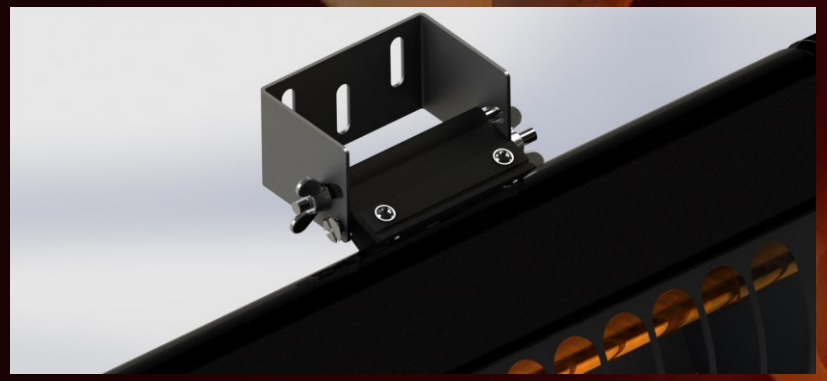
8- Control card module 

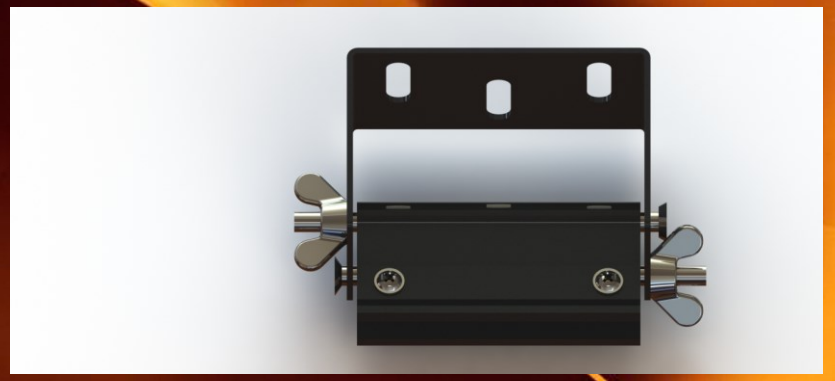
9- Remote **

** Parts marked with a star are only available on the remote control RCH model.









Elcon lamps compare with other lamps

OUR GOLDEN IR LAMPS

- We use most transparent glass tube and high quality tungsten filament in our lamps, because our lamps working life are more than 10.000 hours.
- Our Lamps color temperature is 2600 Kelvin
- Filament temperature is: 1800 degree
- We cover lamps best quality golden cabman and give guaranty about no any damage golden cover.
- This specification change lamps quality and power dimension
- Our target is low energy perfect heat for your health and comfort



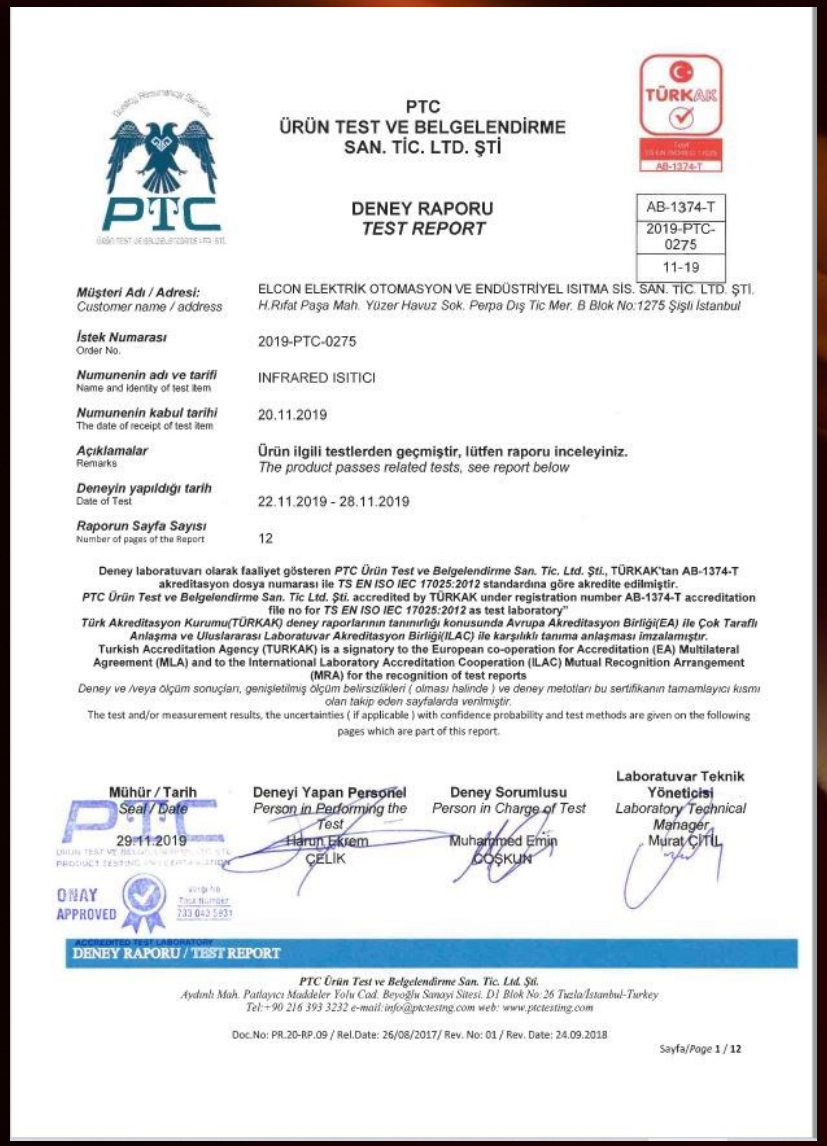
- OTHER GOLDEN IR LAMPS
- The usually using translucent quartz tube and poor tungsten filament, so the lamps working life is under 6000 hours.
- Lamps color temperature is 2200 Kelvin
- Filament temperature under 1200 degree.
- Cheap golden cover and after the working damage golden cover it is dangerous for people health and eyes.

ALL PRODUCTS IP67 CERTIFIED FIRST IN THE WORLD





IP67 AND CE CERTIFICATES OF ELCON COMPANY



PTC
ÜRÜN TEST VE BELGELENDİRME
SAN. TİC. LTD. ŞTİ

TÜRKAK AB-1374-T

DENEY RAPORU
TEST REPORT

AB-1374-T
2019-PTC-0275
11-19

Müşteri Adı / Adresi: *Customer name / address*	ELCON ELEKTRİK OTOMASYON VE ENDÜSTRİYEL ISITMA SİS. SAN. TİC. LTD. ŞTİ. *H.Rifat Paşa Mah. Yüzer Havuz Sok. Perpa Dış Tic Mer. B Blok No:1275 Şişli İstanbul*
İstek Numarası Order No.	2019-PTC-0275
Numunenin adı ve tarifi Name and Identity of test item	INFRARED ISITICI
Numunenin kabul tarihi The date of receipt of test item	20.11.2019
Açıklamalar Remarks	**Ürün ilgili testlerden geçmiştir, lütfen raporu inceleyiniz.** *The product passes related tests, see report below*
Deneyin yapıldığı tarih Date of Test	22.11.2019 - 28.11.2019
Raporun Sayfa Sayısı Number of pages of the Report	12

Deney laboratuvarı olarak faaliyet gösteren *PTC Ürün Test ve Belgelendirme San. Tic. Ltd. Şti.*, TÜRKAK'tan AB-1374-T akreditasyon dosya numarası ile *TS EN ISO IEC 17025:2012* standardına göre akredite edilmiştir.
***PTC Ürün Test ve Belgelendirme San. Tic Ltd. Şti.* accredited by TÜRKAK under registration number AB-1374-T accreditation file no for *TS EN ISO IEC 17025:2012* as test laboratory"**
Türk Akreditasyon Kurumu(TÜRKAK) deney raporlarının tanınırlığı konusunda Avrupa Akreditasyon Birliği(EA) ile Çok Taraflı Anlaşma ve Uluslararası Laboratuvar Akreditasyon Birliği(ILAC) ile karşılıklı tanıma anlaşması imzalamıştır.
Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports
Deney ve /veya ölçüm sonuçları, genişletilmiş ölçüm belirsizlikleri (olması halinde) ve deney metotları bu sertifikanın tamamlayıcı kısmı olan takip eden sayfalarda verilmiştir.
The test and/or measurement results, the uncertainties (if applicable) with confidence probability and test methods are given on the following pages which are part of this report.

Mühür / Tarih *Seal / Date*	Deneyi Yapan Personel *Person in Performing the Test*	Deney Sorumlusu *Person in Charge of Test*	Laboratuvar Teknik Yöneticisi *Laboratory Technical Manager*
29.11.2019	Harun Ekrem ÇELİK	Muhammed Emin COŞKUN	Murat ÇITIL

ONAY APPROVED

ACCREDITED TEST LABORATORY
DENEY RAPORU / TEST REPORT



Certificate – Сертификат – 證明書 – Certificat – 증명서 – شهادة

Certificate of Compliance

No. 2S171016.EEOTQ42

Certificate's Holder:	ELCON ELEKTRİK OTOMASYON VE END. ISITMA SİSTEMLERİ SAN. TİC.LTD.ŞTİ. H.RIFAT PAŞA MAH. YÜZERHAVUZ SK. PERPA TİC. MER. B BLOK KAT:8 NO: 1275 ŞİŞLİ/İSTANBUL/TURKEY
Certification ECM Mark:	Type Approved
Product:	Infrared Heaters
Brand Name:	ELCON
Model(s):	Infrared Heating Table For Outdoor *(CT-750, BT-1100)* Outdoor Infrared Heater *(RCH-2000, BH-2000, SH-2000, BH-1500, SH-1500)*
Verification to:	Standard: EN 60335-1:2012/AC:2014, EN 60335-2-30:2009/AC:2014 related to CE Directive(s): 2014/35/EU (Low Voltage)

Remark: The product(s) has been verified on a voluntary basis. The product(s) satisfies the requirements of the Certification Mark of ECM, in reference to the above listed Standard(s). The above Compliance Mark can be affixed on the product(s) accordingly to the ECM regulation about its release and its use. The regulation can be found at www.entecerma.it. This Certificate of Compliance can be checked for validity at www.entecerma.it
This verification doesn't imply assessment of the production of the product(s).

Additional information, clarification about the CE Marking:
We attest that a TCF for the CE Marking process is in place. Whereas the Manufacturer is Responsible to start the CE *Marking Certification Procedure* and to perform all the necessary activities, as required by the Directive before placing the CE Mark on the product(s).

Date of issue 16 October 2017
Chief Manager
Marco Morino

Expiry date 15 October 2022
Deputy Manager
Amanda Payne

Ente Certificazione Macchine Srl
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Exhibition In Turkey 2019



Thanks To Elcon Infrared Technology,

It`s much easier to transform open areas into warm...

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