Product Datasheet Date: 20.04.2017

Halogen lamp with outer bulb, clear RJH-TD 100W/230/C/E27





Logistic Data

Article No.	22318636
Code	RJH-TD 100W/230/C/E27
Product EAN	4008597186363
Customs tariff no.	85392192
Box quantitiy (pcs.)	12
EAN Box	4008597486364
Gross weight of box in kg	0.979
Length of box in m	0.18
Width of box in m	0.14
Height of box in m	0.13
Pieces per palette	6480
ETIM class	EC000038
ETIM class name	Mains voltage halogen lamps without reflector

Electric Parameters

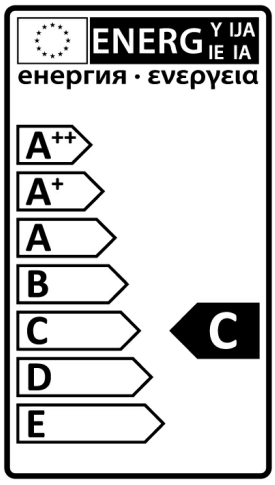
Lamp nominal wattage	100 W
Rated wattage	100.0 W
Mains voltage	230 V
Lamp's nominal current	0.43 A
Nominal current (mA)	435 mA
Power factor	1.00
Energy Consumption kWh/1000h	100

Light Application Parameters

Luminous flux	1800 lm
Rated lamp luminous flux	1800 lm
Luminous efficiency	18 lm/W
Colour temperature	2900 K
Colour rendering index Ra	100

Service Life

Mean service life	2000 h
Info about service life	3B50, 50Hz
No. switching cycles	50000



Specification

Diameter max.	32 mm
Length max.	105 mm
Overall length	105 mm
dimmable	ja
Energylabel from 2013	D
UV protection	Yes
Ignition time	0 s
Run up time = min. 60% luminous flux	none
Mercury content	0.0 mg
Base	E27
Lamp shape	Tube, one base
Design	clear

Notes on Operation

Burning position	beliebig

Miscellaneous

EU Directive	DIM1
EU-date of phase-out	01.09.2018
ILCOS name	HSGST/C/UB-100-230-E27-32
LBS name	QT32 100W/c E27

Notes

Mains voltage halogen lamp clear, Ralogen® in double envelope

Please, refer to www.radium.de/recycling for notes on disposal of burned-out lamps as well as lamp breakage. The field 'info about service life' contains the frame conditions according to standards based on which the specific service life has been determined. So, for example, "12B50, 50Hz" means that the mean service life (B50) has been determined with a 12h switching cycle at mains (frequency 50Hz), "3B50, HF" is based on a 3h switching cycle at electronic control gear (high frequency).

Notes

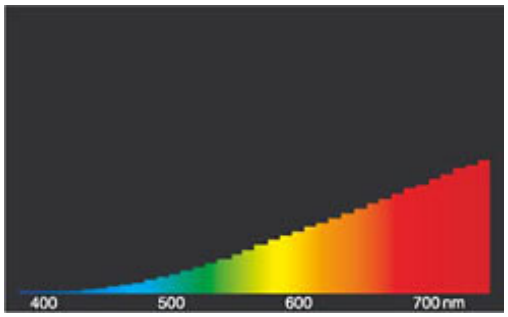
Base



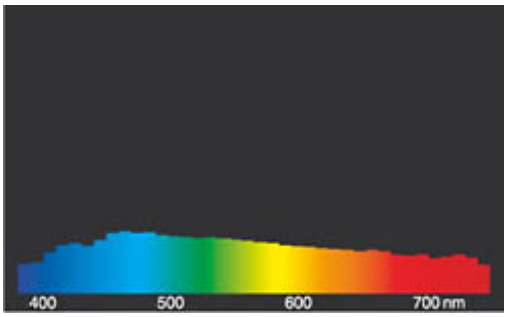
E27
IEC/EN 60061-1
sheet 7004-21-9

Spectrum

As daylight is a mixture of direct sunlight and light from the sky, the spectral distribution changes all the time due to the time of the day and the weather. The standard illuminant D65 corresponds to daylight with colour temperature of about 6500K.
Incandescent lamps have got a continouus red-dominated spectrum as the light is generated by heating up a tungsten filament. The addition of halogens to the filling gas enhance the efficiency and prevents blackening. Further increase in effiency can be achieved by adding Xenon and/or IRC-coating.
Visible region from 380 to 780 nm; height of graph corresponding with relative spectral emission (400mW/klm)per 10nm.



light of incandescent lamps



daylight(D 65)

General notes

The technical design data in accordance with DIN and IEC. The producer does not take any responsibility for damage to persons or property in case of unsuitable operation or handling of the product. Operating data and dimensions are valid within the usual tolerances. Related lamp types (different bases, mains voltages) may be available on request. Sale and delivery are effected in accordance with the Radium Terms of Delivery and Payment valid on the day of conclusion of contract. Packing units offer economical advantages to the purchase and logistic department. Please match your quantity volume accordingly. For orders of a minimum quantity (clefts) with a lamp model the amount lower than the volume of each packaging unit, we will invoice 10 % additional charge per lamp type. Technical changes and terms of delivery are reserved. Manipulation of any kind to packaging or product is not permissible as this will violate Radium brand rights. Furthermore, technical properties of the product can change to its disadvantage or even destruction. Therefore, Radium cannot be responsible for consequential damages.
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All technical data without guarantee.