



48000



2000K



28 000h



Gradable

General Data

| | |
|-----------------------------|-----------------------|
| Code Radium | 34417090 |
| Désignation | RNP-T 400W/230/E40 EX |
| EAN 10 (unité) | 4008597170904 |
| Unité de transport (pièces) | 12 |
| EAN 40 (carton) | 4008597470905 |
| Poids brut du carton en kg | 2.991 |
| Longueur box in m | 0.269 |
| Largeur du carton en m | 0.216 |
| Hauteur du carton en m | 0.352 |
| Product weight | 150 g |
| Product status | ● Actif |

Electric Parameters

| | |
|------------------------|---------------|
| Wattage | 400.0 W |
| Lamp nominal wattage | 400 W |
| Lamp voltage | 100 V |
| Ignition voltage | 3.3 up to 5.0 |
| Lamp's nominal current | 4.5 A |

Electric Parameters

| | |
|---|--|
| Nominal choke current | 4.6 A |
| Compensation capacitor for 50Hz operation | 45 µF |
| Running up current max. | 125% |
| Fuse | Daelay-action; min. double nominal current |
| dimnable | Oui |
| Controllable (in suitable circuit) | up to 50% (Run up at nominal power) |

Light Application Parameters

| | |
|--------------------------------|----------|
| Luminous flux | 48000 lm |
| Rated lamp luminous flux | 48000 lm |
| Efficacy / Luminous efficiency | 122 lm/W |
| Total mains efficacy | 122 lm/W |
| Colour temperature | 2000 K |
| Color coordinate X | 0,535 |
| Color coordinate Y | 0.420 |
| Color rendering index | 25 |
| Lumen maintenance at 2000h | 0.90 |
| Lumen maintenance at 16000h | 0.80 |

Service Life

| | |
|--------------------------------|---------|
| Average life | 28000 h |
| B5 - Service life 5% failures | 12000 h |
| Lamp survival factor at 12000h | 0.95 |

Specification

| | |
|-------------------|--------------------|
| Diameter | 47 mm |
| Length | 285 mm |
| Total length max. | 285 mm |
| Burning position | h180 |
| Mercury content | 19.6 mg |
| Lamp shape | Tube, single-ended |
| Model | Clear |
| Base | E40 |

Notes on Operation

| | |
|------------------|------|
| Burning position | h180 |
|------------------|------|

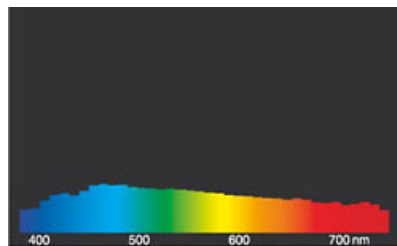
Notes

Please, refer to www.radium.de/recycling for notes on disposal of burned-out lamps as well as lamp breakage.

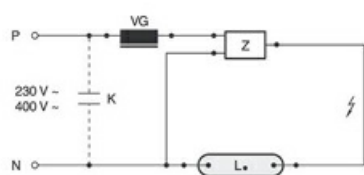
The "lifespan L70" described for LED lamps indicates the number of hours when the luminous flux has decreased to 70% of its initial value.

The optimal 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).

Courbes spectrales



Exemple(s) de circuit



Standard circuit HID with external ignitor

Key:

L. = lamp

VG = electromagnetic ballast (KVG/VVG)

P = phase

N = zero potential

K = p. f. correction capacitor

Z = ignitor

The required control gear (here ignitor and ballast) for the lamps operation is usually mounted in the suitable luminaire in an appropriate electric circuit. Changes of any kind are to be conducted by qualified and specialised staff, only. Thus, this circuit example is to be understood merely as a technical background information for interested users.

Particularités



Notices explicatives générales

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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