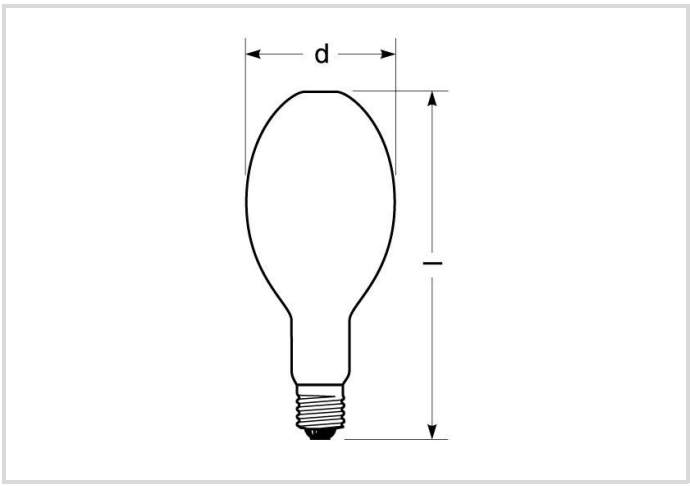
Lampe aux iodures m?talliques, br?leur quartz
HRI-E 150W/NDL/230/E27 RO

Radium

Product Datasheet Date: 03.12.2025



EL
E→A++

A

lm

13500

General Data

Article No.	32412227
Kod	HRI-E 150W/NDL/230/E27 RO
Product EAN	4050300434032
Box quantitiy (pcs.)	12
EAN Box	4050300434049
Gross weight of box in kg	2.099
Length of box in m	0.25
Width of box in m	0.19
Height of box in m	0.16
Product weight	74 g
Product status	Nieaktywne

Electric Parameters

Wattage	150.0 W
Lamp nominal wattage	150 W
Mains voltage	230
Ignition voltage	4
Running up current max.	190%

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Electric Parameters

Fuse	Daelay-action; min. double nominal current
Controllable (in suitable circuit)	Nie

Light Application Parameters

Luminous flux	14000 lm
Rated lamp luminous flux	13500 lm
Total mains efficacy	93 lm/W
Light colour	Neutral white de luxe
Colour temperature	4200 K
Colour rendering index CRI	80-89

Specification

Energylabel (E -> A++)	A
Diameter	54 mm
Length	141 mm
Total length max.	141 mm
Burning position	h180
Lamp shape	Ellipsoid
Base	E27
Colour	Other

Notes on Operation

Burning position	h180

Notes

Lampe HM comp. avec br�leur � quartz, ampoule ellipso�dale blanche, couleur lum. NDL, culot E27. Fonct. en luminaire ferm�, avec ballast et allumeur.

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 optinal 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).

Base

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

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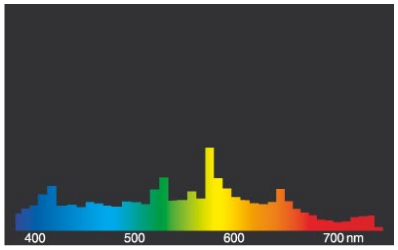
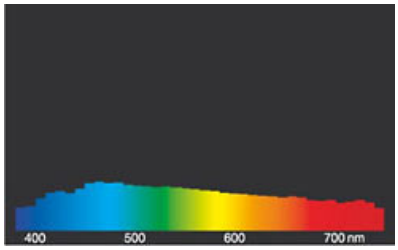
Spectrum

Natural daylight is a mixture of direct sunlight and the light of the sky. Therefore, its spectral composition changes permanently due to the changing time of day. The standardised light classification D65 corresponds to a daylight with a colour temperature of approximately 6500 K.
Every discharge lamp type has got an individual spectral power distribution according to its chemical filling. From this result important properties light colour or colour rendering.
Should the spectral lines be very close together the lamp presumably has got a very good colour rendering index, so, Ra might be near 100. Does the spectrum rather look like single lines or frayed out the colour rendering of the lamp will probably be not as good.
If number and height of the spectral lines within the blue range (around 400 nm) prevails it might be a lamp with a rather cold light colour like for example daylight. On the other hand, should the red (around 700 nm) or the red and yellow (around 600 nm) range be dominant one can assume that the lamp will be a rather warm light colour like WDL.
After the lamp start a metal hlide lamp needs about 2-4 minutes time to reach its full luminous flux, all colours in the spectrum are within the discharge arc then.
Visible region from 380 to 780 nm; height of graph corresponding with relative spectral emission (400mW/klm) per 10nm.

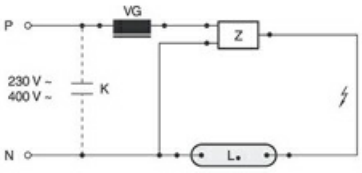


HRI.../NDL



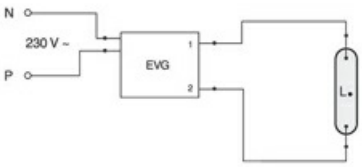
daylight(D 65)

Circuit diagram(s)



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.



ECG-operation
Key:
L. = lamp
EVG = electronic ballast
P = phase
N = zero potential

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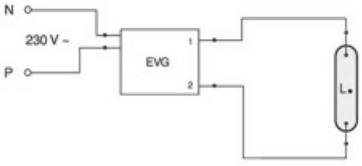

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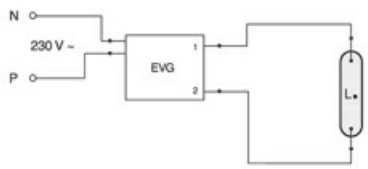

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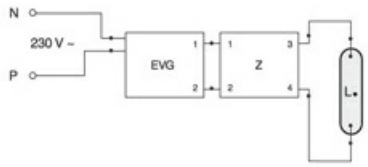

ECG-operation with additional ignitor
Key:
L. = lamp
EVG = electronic ballast
P = phase
N = zero potential
Z = ignitor

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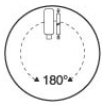
Special features



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.