

6th of March 2024

To whom it may concern,

This letter is a confirmation that company Trend-Marketing Kft. is a Pelsis Group Distributor in Hungary.

I confirm that Trend-Marketing Kft purchases shatterproof tubes TPX15-18S which corresponds to TL-D15W and distributes them in Hungary.

Yours faithfully,

Aleksandra Pogrodka- Kozlowska

PELSIS BELGIUM

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B-2880 Bornem

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Statement of Shatterproof Sleeving

Pelsis declare that all of our shatterproof lamps are coated in Fluorinated Ethylene Propylene (FEP), a high molecular weight fluoroplastic material, which provides the optimum protection against contamination of sensitive areas in the event of lamp breakage. The FEP coating allows for up to 96% UV-A transmission, retains its structural integrity with prolonged exposure to a UV-A source and will not discolour over a 12 month period.

Our UV lamps are processed by industry leading fluorescent lamp sleeving partners, to satisfy the requirements of food sensitive applications as stated within HACCP guidelines.

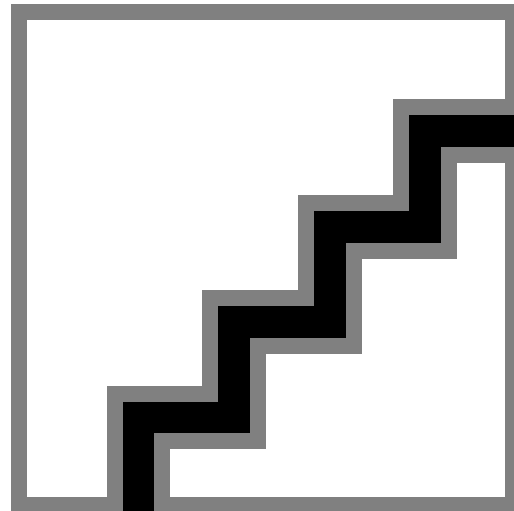
All shatterproof lamps supplied by Pelsis conform to the demands of EN 61549:2003+A2:2010 - the 'Fragment Retention' standard for sleeving of lamps. A Pelsis shatterproof tube can be identified by the addition of a single silver band present on the tube, as shown in the picture below.



31/03/2020

Tony Wilson

Compliance Engineer



TL-D fogyasztói termékek



TL-D 15W/840 1PP/10

The lamp can be operated in existing TL-D luminaire and is available in a wide range of wattages and colors.

Figyelmeztetések és biztonság

- Nagyon valószínűtlen, hogy egy lámpa eltörése károsítaná az egészségét. Ha eltörik egy lámpa, szellőztesse a szobát 30 percig, és cserélje ki az alkatrészt, lehetőleg kesztyűben. Tegye a törött lámpát lezárt műanyag zacskóba, és vigye a helyi hulladékfeldolgozóba újrahasznosításra. Ne használjon porszívót.

Termék adatok

Általános információ	
Fejelés - foglalat	G13 [Medium Bi-Pin Fluorescent]
Fényárammértéki referencia	Sphere
Élettartam az 50%-os meghibásodási arányig (névleges)	15 000 h
Technikai adatok	
Színkód	840 [CCT of 4000K]
Fényáram	1 000 lm
Fényhasznosítás (névleges) (névleges)	67 lm/W
Színmegjelölés	Hideg fehér (CW)
Színérték X koordinátája (névleges)	0,38
Színérték Y koordinátája (névleges)	0,38
Korrelált színhőmérséklet (név.)	4000 K
Színvisszaadási index (CRI)	82
Működtetés és elektronika	
Teljesítményfelvétel	15,5 W

Fényforrás árama (névleges)	0,335 A
Vezérlők és fényerő-szabályozás	
Szabályozható	Igen
Mechanika és tokozás	
Fényforrásbúra formája	T8
Tanúsítvány és alkalmazási területek	
Energiafogyasztás kWh/1000 óra	16 kWh
EPREL-regisztrációs szám	423409
Energiatakarékossági osztály	G
Higanytartalom (Hg) (névleges)	1,7 mg
Termékadatok	
A termék megrendelési neve	TL-D 15W/840 1PP/10
Teljes terméknév	TL-D 15W/840 1PP/10
Full EOC	871150062260025

TL-D fogyasztói termékek

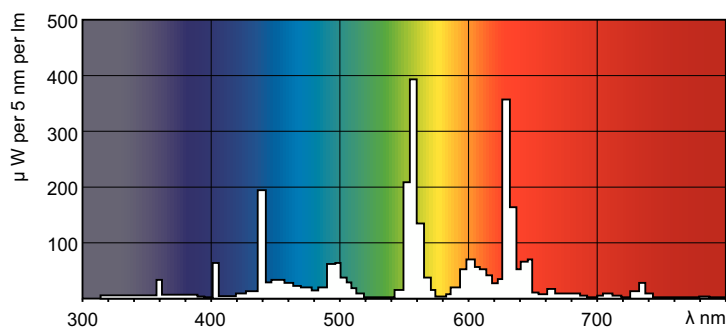
Rendelési kód	62260025
Cikkszám (12NC)	927922284066
Nettó tömeg (darab)	56,570 g
EAN/UPC – termék/csomagolás	8711500622600

Számláló – csomag külső dobozonként	10
EAN/UPC – gyűjtőcsomagolás	8711500622730

Méretezett rajza

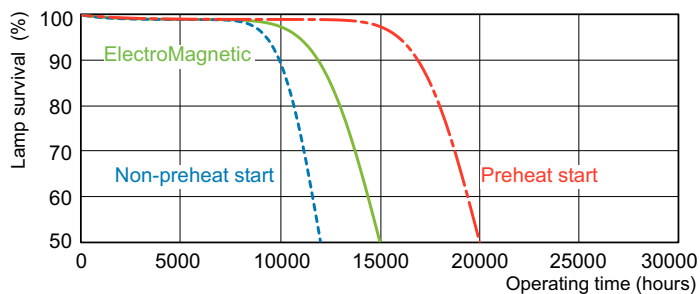
Product	D (max)	A (max)	B (max)	B (min)	C (max)
TL-D 15W/840 1PP/10	28 mm	437,4 mm	444,5 mm	442,1 mm	451,6 mm

Fotometriai adatok

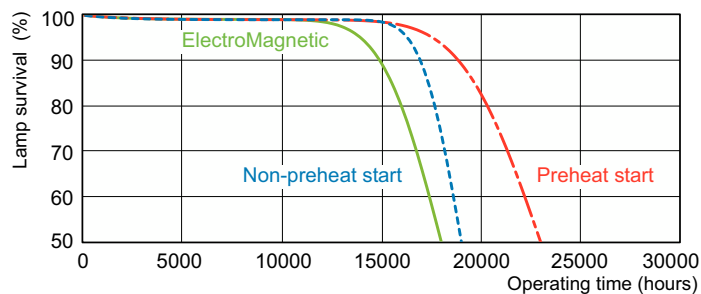


Spectral Power Distribution Colour – TL-D 15W/840 1PP/10

Élettartam



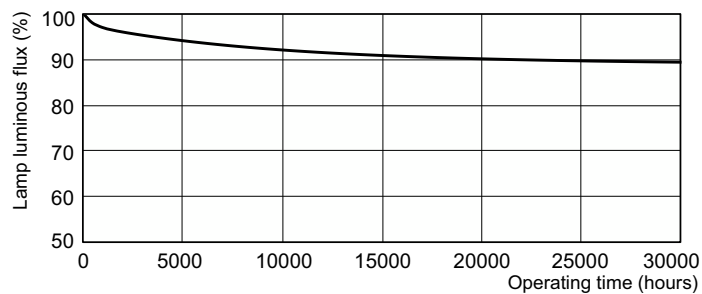
Life expectancy diagram – 3 hour cycle



Life expectancy diagram – 12 hour cycle

TL-D fogyasztói termékek

Élettartam



Lumen Maintenance Diagram - TL-D 15W/840 1PP/10





EC-Declaration of Conformity

Manufacturer or representative:	Philips Lighting GBU HID L&S Mathildelaan 1 5611 BD Eindhoven The Netherlands	Document number: TFLDE
Brand name	PHILIPS	Date: 2012-09-26 Expire date : 2014-09-26
Product (range):	Tubular Fluorescent Double Ended Lamps	
Product type:	Actinic TL, Actinic TL-D, Actinic TL-DK Actinic TL-K Lumen TL (col/50/51/52/88/89/965) Lumen TL5 (col/50/51/52/88/89/965) Lumen TL-A (col/50/51/52/88/89/965) Lumen TL-D (col/50/51/52/88/89/965) TUV T5, TUV TL-D UVA TL (/03 /09 /10) UVA TL Mini (/10) UVA TL RS (/09 /10) UVA TL-D (/10) UVA TL-K (/09 /10) UVB TL (/01 /12) UVB TL RS (/01 /12)	

The product range is in conformity with the requirements of the following European directives:

Safety	Low Voltage Directive
European Directive	2006/95/EC, date of issue 12 December 2006
And its relevant harmonized European Standards	EN 61195:1999 + Amendments
Additional Qualifications	
The factory is certified in accordance with: • Quality Management System ISO9001:2008 • Environmental Management System ISO 14001 • Occupational Health & Safety Management System OHSAS 18001	

Signature:

Name:	Greg Nelson	Hans Bellemans
Function:	Global Technology Manager HID L&S	Quality Manager HID L&S
Contact address:	Mathildelaan 1 5611 BD Eindhoven The Netherlands	Mathildelaan 1 5611 BD Eindhoven The Netherlands
Date:	2012-09-26	2012-09-26

MATERIAL SAFETY DATA SHEET

According EC 91/155

1. Identification of the substance/preparation

MSDS : 23553
Supplier : PHILIPS LIGHTING, ROOSENDAAL
P.O.Box 1109
4700 BC Roosendaal
Netherlands
Tradename : ACTINIC BL SERIES
General description : LAMP
Use : Various
Publicationdate : 2006-08-22
General information : dangerous.goods@philips.com
Emergency phonenumber : +31 (0)497-598315

2. Composition/information on ingredients

Component	CAS-no	EC-no	Catalogue-no	Percentage(%)	EC-label
GLASS					
STRONTIUM BORATE, EUROPIUM-DOPED	102110-29-2310-028-8				
* FILLING GAS (KR/AR)					
MERCURY	7439-97-6	231-106-7	080-001-00-0		R: 99 T,N,R: 61 23 33 50/53 Repr.Cat. 2
* TUNGSTEN	7440-33-7	231-143-9			
* METALS					
* CAPPING CEMENT					

3. Hazard identification

4. First-aid measures

Skin : Not applicable.
Ingestion : Not applicable.
Inhalation : Not applicable.
Eyes : Not applicable.
Remarks first aid : none

5. Fire fighting measures

Fire-extinguisher : determined by surrounding
*** Hazardous decomposition products in fire** : silicon dioxide, aluminium oxides, mercury oxides, strontium oxide, boric oxides, europium oxides, metal oxide, tungsten oxides

6. Accidental release measures

Spillage procedure : Not applicable if lamp is in original state. If lamp is broken: clear up using special mercury vacuum cleaner or other appropriate agent for preventing vaporisation. Take standard measures for clearing up broken glass and deposit in a lockable container.
Emergency procedure : not applicable

7. Handling and storage

Local exhausting : Under normal circumstances not applicable.
Storage conditions : No special precautions.
Storage code (on behalf of PGS 15) : C9

8. Exposure controls/personal protection

Exposure limits :

applicable to: Netherlands (20 °C; 1013 mbar)

No MAC(STEL) has been laid down.

No MAC(STEL) has been laid down.

No MAC(STEL) has been laid down.

TLV: 0.05 mg/m3

STEL: 0.5 mg/m3

No MAC(STEL) has been laid down.

No MAC(STEL) has been laid down.

No MAC(STEL) has been laid down.

GLASS

STRONTIUM BORATE, EUROPIUM-DOPED

FILLING GAS (KR/AR)

MERCURY(Women in the fertile age: consult the industrial safety officer.)

MERCURY(Women in the fertile age: consult the industrial safety officer.)

TUNGSTEN

METALS

CAPPING CEMENT

applicable to: Belgium (20 °C; 1013 mbar)

TLV: 0.025 mg/m3 S

TLV: 5 mg/m3

MERCURY(Women in the fertile age: consult the industrial safety officer.)

TUNGSTEN

STEL: 10 mg/m3

TUNGSTEN

applicable to: Germany (20 °C; 1013 mbar)

TLV: 0.1 mg/m3

S

MERCURY (Women in the fertile age: consult the industrial safety officer.)

TLV: 5 mg/m3

TUNGSTEN (as inhalable dust)

applicable to: United States of America (25 °C; 1013 mbar)

No MAC(STEL) has been laid down.

FILLING GAS (KR/AR)

TLV: 0.025 mg/m3

S

MERCURY (Women in the fertile age: consult the industrial safety officer.)

TLV: 5 mg/m3

TUNGSTEN

STEL: 10 mg/m3

TUNGSTEN

C=Ceiling; S=Skin

Remarks exposure limits :

none

Odour threshold (20°C; 1013 mbar) :

not traceable

Advised personal protection :

skin : not applicable

eyes : not applicable

inhalation : not applicable

9. Physical and chemical properties

Physical state	: article
Colour	: type dependent
Odour	: odourless
Vapor rate/range	: not applicable
Boiling point/range	: not traceable
Melting point/range	: >480 °C
Flash point/range	: not applicable
Explosive limits	: not applicable
Dust explosions possible in air	: not applicable
Density	: not traceable
Vapour pressure	: not applicable
Solubility in water	: not applicable
Solubility in fat	: not applicable
pH	: not applicable
Viscosity	: not applicable
Autoignition temperature	: not applicable
Decomposition temperature	: not traceable
Electrostatic charge	: not traceable

10. Stability and reactivity

Conditions to avoid	: none
Reactions with water	: no
Hazardous reactions with	: none
Hazardous decomposition products at heating	: none

11. Toxicological information

Symptoms

Skin	local	: Not applicable.
	general	: Not applicable.
Ingestion	local	: Not applicable.
	general	: Not applicable.
Inhalation	local	: Not applicable.
	general	: Not applicable.
Eyes	local	: Not applicable.
Remarks symptoms		: None

Toxicity :

not traceable

Ames test : not traceable

12. Ecotoxicological information

Biological oxygen demand (5)	: not traceable
Chemical oxygen demand	: not traceable
Biological/chemical oxygen demand ratio	: not traceable

Degradability	: not traceable
Biochemical factor	: >2500 MERCURY
Log Po/w	: 4.5 MERCURY
Henry Constant	: not traceable

Source : Supplier
Source : Chemicalcards

Ecotoxicity :

LC-50: 0.004 mg/l/96H (Fish), MERCURY
EC-50: 0.0052 mg/l/48H (Daphnia), MERCURY
IC-50: 0.3 mg/l/72H (Algae), MERCURY

Source : Easi View
Source : ChemDat (Merck)
Source : Easi View

Remarks on ecotoxicity : none

13. Disposal considerations

Remainder material or uncleaned empty packagings have to be incinerated in a proper installation or dumped on an approved landfill, in accordance with local and national legislation.

14. Transport information

ADR/RID	UN-number	: 2809 MERCURY IN MANUFACTURING ARTICLES
	Class	: 8
	Packinggroup	: III
	Transport emergency card	: 80GC9-III
IMO	UN-number	: 2809 MERCURY IN MANUFACTURING ARTICLES
	Class	: 8
	Packinggroup	: III
	Marine pollutant	: no
IATA/ICAO	UN-number	: 2809 MERCURY IN MANUFACTURING ARTICLES
	Class	: 8
	Packinggroup	: III

15. Regulatory information

EC-Label : not applicable
Remarks on EC-labeling : none

16. Other information

*** Remarks on MSDS** : Working of this product may release toxic dust.
Toxic mercury vapours can be released if the lamp is broken.
These lamps emit Ultraviolet Radiation (UV-A). Avoid prolonged exposure.
For transport exemption consult applicable regulations.
The product contains <= 13 mg mercury.

Inner company references : none

Overview relevant R-sentences from all components in section 2 :

23	Toxic by inhalation.
33	Danger of cumulative effects.
50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
61	May cause harm to the unborn child.
99	Suffocating in high concentrations.

Date last update : 2006-08-28

* Point to alterations with regard to the previous version.

The information provided in this Material Safety Data Sheet is correct to the best of the knowledge, information and belief of Philips Electronics Nederland B.V. at the date of its printing.