

Fényforrások • Light Sources • Lampes éclairage  
Źródła światła • Izvori svejetlosti • Svetlobni viri

**TUNGSRAM**

# Jelmagyarázat

## Legend

## Légende

## Legenda

## Legenda

## Legenda

**Type**

Típus  
Type  
Type  
Typ  
Tip  
Tip

**W**

Watt  
Watts  
Watt  
Wat  
Watt  
Watt

**V**

Volt  
Volts  
Volt  
Wolt  
Volt  
Volt

**A**

Amper  
Ampers  
Ampère  
Amper  
Amper  
Amper



Fej  
Cap  
Culot  
Trzonek  
Podnožak  
Vznožek

**L<sub>max.</sub>**

A lámpa max. hossza (mm)  
Max. Overall Length (mm)  
Max. mesure de longueur (mm)  
Długość (mm)  
Maksimalna dužina (mm)  
Maksimalna dolžina (mm)

**∅**

Átmérő (mm)  
Diameter (mm)  
Diamètre (mm)  
Średnica (mm)  
Promjer (mm)  
Premer (mm)

**Im**

Fényáram (lm)  
Luminous Flux (lumen)  
Flux lumineux (lm)  
Strumień świetlny (lm)  
Svjetlosni tok (lm)  
Svetlobni tok (lm)

**Cd**

Fényerősség (cd)  
Peak Intensity (cd)  
Intensité lumineuse (cd)  
Światłość (cd)  
Svjetlosna jakost (cd)  
Vršna svetlinost (cd)



Sugárzási szög (°)  
Beam Spread Angle (°)  
Angle d'ouverture (°)  
Kąt wiązki (°)  
Kut zračenja (°)  
Izsevalni kot (°)

**LCL**

Fénymagasság (mm)  
Light Centre Length (mm)  
Hauteur du centre lumineux (mm)  
Wysokość środka świetlny (mm)  
Višina svjetlosne tačke (mm)  
Višina fotometričnega središča (mm)

**CCT**

Színhőmérséklet (K)  
Correlated Colour Temperature (K)  
Température de couleur proximale (K)  
Temperatura barwowa (K)  
Temp. boje (K)  
Temp. barve (K)

**Ra**

Színhozzáadási Index  
Colour Rendering Index  
Indice de rendu des couleurs  
Wskaźnik  
Indeks reprodukcije boje  
Barvna vidnost

**t<sub>(h)</sub>**

Élettartam (óra)  
Life (h)  
Durée de vie (h)  
Trwałość (godz.)  
Vijek trajanja (h)  
Življenjska doba (h)



Csomagolás  
Pack Quantity  
Emballage  
Opakowanie  
Pakiranje (kom.)  
Kol. v paketu

**EEC**

Energiatakarékossági osztály  
Energy Efficiency Class  
Class économie d'énergie  
Klasa energooszczędności  
Energetski razred  
Energijski razred

**Fig.**

Ábraszám  
Figure  
Figure  
Rys.  
Slika  
Slika

**SKU**

Termékkód  
Product Code (Stock Keeping Unit)  
Code produit  
Kod produktu  
Oznaka koda proizvoda  
Koda izdelka

**EAN**

EAN kód  
EAN Code  
Code EAN  
Kod EAN  
EAN-kod  
EAN koda

**Égetési helyzet**  
**Burning Position**  
**Position de fonctionnement**  
**Pozycja świecenia**  
**Radni položaj žarulje**  
**Delovni položaj žarnice**



Tetszőleges  
Any  
Universelle  
Dowolna  
Proizvoljan  
Poljuben



Vízszintes ± 4°  
Horizontal ± 4°  
Horizontale ± 4°  
Poziozna ± 4°  
Horizontalni ± 4°  
Horizontalen ± 4°



Vízszintes ± 20°  
Horizontal ± 20°  
Horizontale ± 20°  
Poziozna ± 20°  
Horizontalni ± 20°  
Horizontalen ± 20°



Vízszintes ± 45°  
Horizontal ± 45°  
Horizontale ± 45°  
Poziozna ± 45°  
Horizontalni ± 45°  
Horizontalen ± 45°



Vízszintes ± 60°  
Horizontal ± 60°  
Horizontale ± 60°  
Poziozna ± 60°  
Horizontalni ± 60°  
Horizontalen ± 60°



Vízszintes ± 75°  
Horizontal ± 75°  
Horizontale ± 75°  
Poziozna ± 75°  
Horizontalni ± 75°  
Horizontalen ± 75°



Függőleges, fej fent ± 45°  
Vertical, Cap Up ± 45°  
Verticale, culot en haut ± 45°  
Pionowa, z trzonkiem od góry ± 45°  
Vertikalni, sa podnoškom na gore ± 45°  
Vertikalen, z vznožkom navzgor ± 45°



Függőleges, fej fent ± 30°  
Vertical, Cap Up ± 30°  
Verticale, culot en haut ± 30°  
Pionowa, z trzonkiem od góry ± 30°  
Vertikalni, sa podnoškom na gore ± 30°  
Vertikalen, z vznožkom navzgor ± 30°

A közzétett adatok változtatásának jogát minden külön értesítés nélkül fenntartjuk. A katalógusban található ábrák nem méretarányosak.

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Nous nous réservons le droit de modifier les spécifications sans préavis écrit ou oral. Les dessins dans ce catalogue ne sont pas à l'échelle.

Zastrzega się – bez uprzedniego powiadomienia – prawo wszelkich zmian, dotyczących publikowanych danych. Wymiary rysunków, znajdujących się w katalogu są nieproporcjonalne.

Zadržavamo pravo na promjene u specifikaciji bez prethodnog upozorenja. Slike žarulja u ovom katalogu nisu u sorazmjeru.

Pridržujemo si pravico do sprememb v specifikaciji brez predhodnega opozorila. Slike žarnic v tem katalogu niso v sorazmerju.

# Tartalomjegyzék

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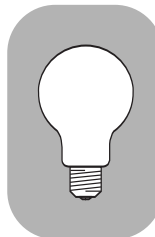
Spis treści

Sadržaj

Vsebina

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**Izzólámpák**  
Incandescent Lamps  
Lampes à incandescence  
Żarówki  
Žarulje sa žarnom niti  
Žarnice z žarilno nitko



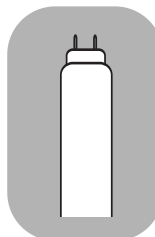
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**Halogénlámpák**  
Halogen Lamps  
Lampes aux halogènes  
Żarówki halogenowe  
Halogene žarulje  
Halogenske žarnice



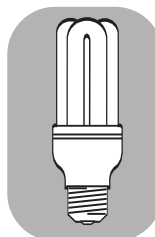
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**Fénycsövek**  
Fluorescent Lamps  
Lampes Fluorescentes  
Świetlówki  
Fluorescentne cijevi  
Fluorescenčne cevi



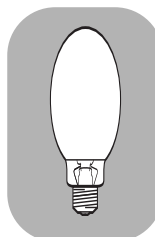
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**Kompakt fénycsövek**  
Compact Fluorescent Lamps  
Lampes fluorescentes compactes  
Świetlówki kompaktowe  
Fluokompaktne žarulje  
Kompaktne fluorescenčne sijalke

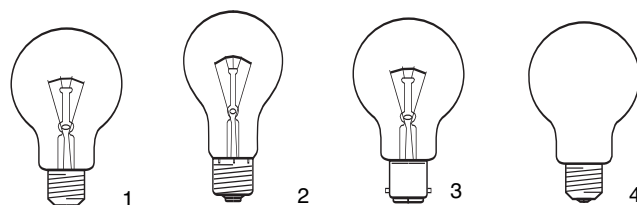


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**Nagyintenzitású kisülőlámpák**  
High Intensity Discharge Lamps  
Lampes à décharge à haute pression  
Lampy wyładowcze wysokoprężne  
Visokotlačne žarulje s pražnjenjem  
Visokotlačne sijalke na razelektrenje



**Izzólámpák**  
**Standard Lamps**  
**Lampes standard**  
**Žarówki głównego szeregu**  
**Standardne żarówki**  
**Standardne żarnice**



W	V		L <sub>max.</sub>	∅	lm	t <sub>(h)</sub>		EEC	SKU	EAN	Fig.
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világos ● clear ● claire ● przezroczysta ● bistra ● bistra

15	230	E27	91.0	50	90	1000	1/10/120	F	516428	5994100164289	1
	240	E27	91.0	50	90	1000	1/10/120	F	516417	5994100164173	1
25	230	E27	91.0	50	230	1000	1/10/120	E	515854	5994100158547	1
	240	E27	91.0	50	225	1000	1/10/120	E	516418	5994100164180	1
40	120/125	E27	105.5	60	490	1000	1/10/120	D	516737	5994100167372	1
	230	E27	91.0	50	415	1000	1/10/120	E	515855	5994100158554	1
	240	E27	91.0	50	410	1000	1/10/120	E	516419	5994100164197	1
60	120/125	E27	105.5	60	820	1000	1/10/120	D	115162	-	1
	230	E27	91.0	50	710	1000	1/10/120	E	515856	5994100158561	1
	240	E27	91.0	50	700	1000	1/10/120	E	516420	5994100164203	1
75	230	E27	91.0	50	940	1000	1/10/120	E	515857	5994100158578	1
	240	E27	91.0	50	930	1000	1/10/120	E	516421	5994100164210	1
100	120/125	E27	105.5	60	1560	1000	1/10/120	D	118762	-	1
	230	E27	91.0	50	1340	1000	1/10/120	E	515849	5994100158493	1
	240	E27	91.0	50	1330	1000	1/10/120	E	516422	5994100164227	1
150	230	E27	118	68	2160	1000	1/10/50	E	517752	9004100368917	1
	240	E27	118	68	2140	1000	1/10/50	E	517751	9004100369815	1
200	120/125	E27	144	80	3340	1000	1/25	D	135043	9004100350417	1
	230	E27	144	80	3040	1000	1/25	E	508107	9004100350912	1
	240	E27	144	80	2990	1000	1/25	E	508106	9004100351612	1
300	230	E27	174	90	4850	1000	1/16	E	508104	9004101600818	1
	120/125	E40	188	90	5100	1000	1/16	E	133750	9004100337517	2
	230	E40	188	90	4850	1000	1/16	E	508108	9004100337814	2
40/60/100	230	E27	105.5	60	415/710/1340	1000	10	E	508159	9004100260587	1

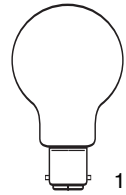
világos ● clear ● claire ● przezroczysta ● bistra ● bistra

25	240	B22d	89.5	50	225	1000	1/10/120	E	517185	5994100171850	3
40	230	B22d	89.5	50	415	1000	1/10/120	E	516735	5994100167358	3
	240	B22d	89.5	50	410	1000	1/10/120	E	517186	5994100171867	3
60	230	B22d	89.5	50	710	1000	1/10/120	E	516736	5994100167365	3
	240	B22d	89.5	50	700	1000	1/10/120	E	517187	5994100171874	3
75	230	B22d	89.5	50	940	1000	1/10/120	E	516737	5994100167372	3
	240	B22d	89.5	50	930	1000	1/10/120	E	517188	5994100171881	3
100	230	B22d	89.5	50	1340	1000	1/10/120	E	516738	5994100167389	3
	240	B22d	89.5	50	1330	1000	1/10/120	E	517189	5994100171898	3
150	240	B22d	117	68	2140	1000	1/20	E	517755	9004100374413	3
200	230	B22d	143	80	3040	1000	1/20	E	510434	9004100358116	3
	240	B22d	143	80	2990	1000	1/20	E	510432	9004100358710	3

belülhomályosított ● frosted ● dépolie ● matowana ● matirana ● matirana

15	230	E27	91.0	50	90	1000	1/10/120	F	516429	5994100164296	4
	240	E27	91.0	50	90	1000	1/10/120	F	517717	5994100177173	4
25	230	E27	91.0	50	230	1000	1/10/120	E	516423	5994100164234	4
	240	E27	91.0	50	225	1000	1/10/120	E	517190	5994100171904	4
40	120/125	E27	105.5	60	490	1000	1/10/100	D	113812	-	4
	230	E27	91.0	50	415	1000	1/10/120	E	516431	5994100164319	4
	240	E27	91.0	50	410	1000	1/10/120	E	516424	5994100164241	4
60	120/125	E27	105.5	60	820	1000	1/10/100	D	115932	-	4
	230	E27	91.0	50	710	1000	1/10/120	E	516432	5994100164326	4
	240	E27	91.0	50	700	1000	1/10/120	E	516425	5994100164258	4
75	230	E27	91.0	50	940	1000	1/10/120	E	516433	5994100164333	4
	240	E27	91.0	50	930	1000	1/10/120	E	516426	5994100164265	4
100	120/125	E27	105.5	60	1560	1000	1/10/100	D	119352	-	4
	230	E27	91.0	50	1340	1000	1/10/120	E	516434	5994100164340	4
	240	E27	91.0	50	1330	1000	1/10/120	E	516427	5994100164272	4
150	120/125	E27	118	68	2400	1000	1/25	D	134963	-	4
	230	E27	118	68	2160	1000	1/20	E	517749	9004100370514	4
	240	E27	118	68	2140	1000	1/20	E	517756	9004100371412	4
200	120/125	E27	144	80	3340	1000	1/25	D	135253	-	4
	230	E27	144	80	3040	1000	1/25	E	508105	9004100352916	4
	240	E27	144	80	2990	1000	1/25	E	510440	9004100353715	4

**Izzólámpák**  
**Standard Lamps**  
**Lampes standard**  
**Žarówki głównego szeregu**  
**Standardne żarulje**  
**Standardne žarnice**

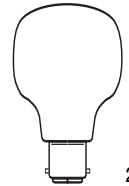
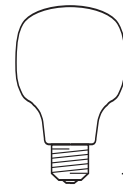


W	V		L <sub>max.</sub>	Ø	lm	t <sub>(h)</sub>		EEC	SKU	EAN	Fig.
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belülhomályosított ● frosted ● dépolie ● matowana ● matirana ● matirana

25	230	B22d	89.5	50	230	1000	1/10/120	E	516739	5994100167396	1
	240	B22d	89.5	50	225	1000	1/10/120	E	517190	5994100171904	1
40	120/125	B22d	104	60	490	1000	1/10/100	D	122482	-	1
	230	B22d	89.5	50	415	1000	1/10/120	E	516740	5994100167402	1
	240	B22d	89.5	50	410	1000	1/10/120	E	517191	5994100171911	1
60	120/125	B22d	104	60	820	1000	1/10/100	D	123772	-	1
	230	B22d	89.5	50	710	1000	1/10/120	E	516741	5994100167419	1
	240	B22d	89.5	50	700	1000	1/10/120	E	517192	5994100171928	1
75	240	B22d	89.5	50	930	1000	1/10/120	E	517193	5994100171935	1
100	120/125	B22d	104	60	1560	1000	1/10/100	D	125942	-	1
	230	B22d	89.5	50	1340	1000	1/10/120	E	516743	5994100167433	1
	240	B22d	89.5	50	1330	1000	1/10/120	E	517194	5994100171942	1
150	230	B22d	117	68	2160	1000	1/20	E	517753	9004100374710	1
	240	B22d	117	68	2140	1000	1/20	E	517754	9004100375212	1
200	230	B22d	143	80	3040	1000	1/20	E	510437	9004100360119	1
	240	B22d	143	80	2990	1000	1/20	E	510438	9004100360515	1

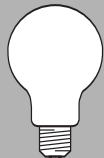
**TUNGSRASOFT lámpák**  
**Standard TUNGSRASOFT Lamps**  
**Lampes standard TUNGSRASOFT**  
**Žarówki TUNGSRASOFT**  
**Standardne TUNGSRASOFT žarulje**  
**Standardne žarnice TUNGSRASOFT**



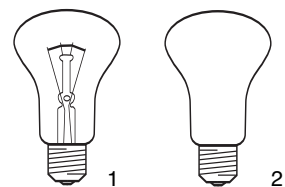
W	V		L <sub>max.</sub>	Ø	lm	t <sub>(h)</sub>		EEC	SKU	EAN	Fig.
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opál ● opal ● opalisée ● opalizowana ● opal ● opal

25	230	E27	105.5	60	200	1000	1/10/100	F	509633	9004100264516	1
40	230	E27	105.5	60	360	1000	1/10/100	F	509634	9004100265216	1
	240	E27	105.5	60	355	1000	1/10/100	F	510603	9004100266114	1
60	230	E27	105.5	60	620	1000	1/10/100	F	509638	9004100266411	1
	240	E27	105.5	60	610	1000	1/10/100	F	510602	9004100267210	1
75	230	E27	105.5	60	820	1000	1/10/100	F	509635	9004100267319	1
100	230	E27	105.5	60	1165	1000	1/10/100	F	509636	9004100268118	1
	240	E27	105.5	60	1155	1000	1/10/100	F	510600	9004100268811	1
40	240	B22d	104	60	360	1000	1/10/100	F	510599	9004100271316	2
60	240	B22d	104	60	620	1000	1/10/100	F	510598	9004100272818	2
75	240	B22d	104	60	820	1000	1/10/100	F	510597	9004100273617	2
100	230	B22d	104	60	1165	1000	1/10/100	F	510595	9004100274119	2
	240	B22d	104	60	1165	1000	1/10/100	F	510596	9004100274416	2



**Kriptonlámák**  
**Krypton Lamps**  
**Lampes krypton**  
**Żarówki kryptonowe**  
**Kriptonске žarulje**  
**Kriptonске žarnice**



W	V		L <sub>max.</sub>	∅	lm	t <sub>(h)</sub>		EEC	SKU	EAN	Fig.
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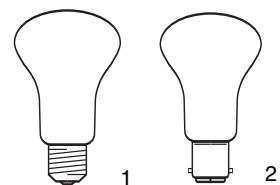
világos ● clear ● claire ● przezroczysta ● bistra ● bistra

60	230	E27	92	50	730	1000	1/10/100	E	509673	9004100285818	1
100	230	E27	99	55	1380	1000	1/10/100	E	509677	9004100297811	1

belülhomályosított ● frosted ● dépolie ● matowana ● matirana ● matirana

40	230	E27	92	50	425	1000	1/10/100	E	510572	9004100281018	2
60	230	E27	92	50	730	1000	1/10/100	E	509674	9004100286815	2
75	230	E27	99	55	965	1000	1/10/100	E	509676	9004100293219	2
100	230	E27	99	55	1380	1000	1/10/100	E	509678	9004100298610	2

**SUPERBA lámpák**  
**SUPERBA Lamps**  
**Lampes SUPERBA**  
**Żarówki SUPERBA**  
**SUPERBA žarulje**  
**Žarnice SUPERBA**

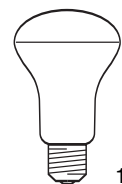


W	V		L <sub>max.</sub>	∅	lm	t <sub>(h)</sub>		EEC	SKU	EAN	Fig.
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opál ● opal ● opalisée ● opalizowana ● opal ● opal

40	230	E27	92	50	380	1000	1/10/100	F	509680	9004100282411	1
	240	E27	92	50	375	1000	1/10/100	F	510571	9004100283012	1
60	230	E27	92	50	655	1000	1/10/100	E	509682	9004100288512	1
	240	E27	92	50	645	1000	1/10/100	E	510570	9004100289212	1
75	230	E27	99	55	865	1000	1/10/100	E	509684	9004100294414	1
	240	E27	99	55	855	1000	1/10/100	E	510569	9004100295015	1
100	230	E27	99	55	1200	1000	1/10/100	F	509686	9004100299815	1
	240	E27	99	55	1180	1000	1/10/100	F	510568	9004100313719	1
40	240	B22d	91	50	375	1000	1/10/100	F	510567	9004100320113	2
60	230	B22d	91	50	655	1000	1/10/100	E	510575	9004100323015	2
	240	B22d	91	50	645	1000	1/10/100	E	510760	9004100323718	2
75	230	B22d	98	55	865	1000	1/10/100	E	510573	9004101602119	2
100	230	B22d	98	55	1200	1000	1/10/100	F	510574	9004100330815	2
	240	B22d	98	55	1180	1000	1/10/100	F	510566	9004100331515	2

**SUPERBALUX lámpák**  
**SUPERBALUX Lamps**  
**Lampes SUPERBALUX**  
**Żarówki SUPERBALUX**  
**SUPERBALUX žarulje**  
**Žarnice SUPERBALUX**



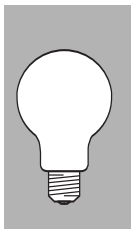
W	V		L <sub>max.</sub>	∅	lm	t <sub>(h)</sub>		EEC	SKU	EAN	Fig.
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opalizált, szatírozott tetővel ● opal, top satinized ● opalisée, coupole satinée ● opalizowana z kopułą satynowaną

opal sa satenskim vrhom ● opal s sateniranim vrhom

25	230	E27	92	50	215	1000	1/10/100	E	509679	9004100278810	1
40	230	E27	92	50	390	1000	1/10/100	E	509681	9004100284415	1
	240	E27	92	50	385	1000	1/10/100	E	510580	9004100285412	1
60	230	E27	92	50	700	1000	1/10/100	E	509683	9004100290812	1
	240	E27	92	50	690	1000	1/10/100	E	510579	9004100291710	1
75	230	E27	99	55	880	1000	1/10/100	E	509685	9004100296418	1
100	230	E27	99	55	1320	1000	1/10/100	E	509687	9004100315317	1

**TUNGSRAGLOBE Lámpák**  
**TUNGSRAGLOBE Lamps**  
**Lampes TUNGSRAGLOBE**  
**Žarówki TUNGSRAGLOBE**  
**TUNGSRAGLOBE žarulje**  
**Žarnice TUNGSRAGLOBE**



W	V		L <sub>max.</sub>	∅	lm	t <sub>(h)</sub>		EEC	SKU	EAN	Fig.
∅ 80 mm											
opál ● opal ● opalisée ● opalizowana ● opal ● opal											
60	230	E27	119	80	490	2500	1/20	G	509611	9004101808917	1
100	230	E27	119	80	890	2500	1/20	G	509612	9004101810514	1
∅ 95 mm											
opál ● opal ● opalisée ● opalizowana ● opal ● opal											
60	230	E27	138	95	490	2500	1/20	G	509613	9004101823712	1
100	230	E27	138	95	890	2500	1/20	G	509614	9004101824917	1
∅ 125 mm											
opál ● opal ● opalisée ● opalizowana ● opal ● opal											
60	230	E27	170	125	490	2500	1/20	G	509615	9004101837917	1
100	230	E27	170	125	890	2500	1/20	G	509616	9004101839119	1
150	230	E27	170	125	1360	2500	1/20	G	509617	9004101839911	1

**TUNGSRALIN vonalizzók**  
**TUNGSRALIN Striplight Lamps**  
**Lampes linolites TUNGSRALIN**  
**Žarówki liniowe TUNGSRALIN**  
**TUNGSRALIN linijske žarulje**  
**Paličaste žarnice TUNGSRALIN**



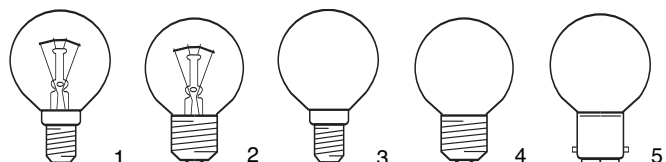
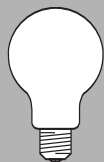
W	V		L <sub>max.</sub>	∅	lm	t <sub>(h)</sub>		EEC	SKU	EAN	Fig.
opál ● opal ● opalisée ● opalizowana ● opal ● opal											
60	230	2xS14s	300	30	420	1500	1/25	G	509712	9004101511411	1
100	230	2xS14s	500	30	720	1500	1/25	G	509710	9004101507315	1
5	230	2xS14s	300	30	220	2500	1/25	G	509711	9004101508619	1
60	230	2xS14s	500	30	420	2500	1/25	G	509713	9004101511619	1

**Nyomógombos lámpatestek**  
**Fitting with Push-Button**  
**Armature avec bouton poussoir**  
**Oprawa oświetleniowa z wyłącznikiem**  
**Svjetiljka s prekidačem**  
**Svetilka s stikalom**



W		SKU	EAN	Fig.
TLBD300D – 300 mm x 25 mm x 30 mm				
fehér ● white ● blanc ● biela ● bijela ● bela				
35/60	1/20	404054	9004100902906	1
TLBD500D – 500 mm x 25 mm x 30 mm				
fehér ● white ● blanc ● biela ● bijela ● bela				
60/100	1/20	404056	9004100902920	1

**Dekorációs gömblámpák**  
**Decorative Round Lamps**  
**Lampes sphériques**  
**Kuliste žarówki dekoracyjne**  
**Dekoratívne okrugle žarulje**  
**Dekoratívne kroglaste žarnice**



W	V		L <sub>max.</sub>	Ø	lm	t <sub>(h)</sub>		EEC	SKU	EAN	Fig.
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15	230	E14	79	45	90	1000	1/10/100	F	508091	9004101613214	1
40	230	E14	79	45	400	1000	1/10/100	E	516787	9004100623511	1
	240	E14	79	45	400	1000	1/10/100	E	517086	5994100170860	1
60	230	E14	79	45	660	1000	1/10/100	E	516779	9004100630717	1
15	230	E27	74	45	90	1000	1/10/100	F	508099	9004100465319	2
25	230	E27	74	45	200	1000	1/10/100	F	508092	9004100634616	2
	240	E27	74	45	200	1000	1/10/100	F	510323	9004100635415	2
40	120/125	E27	74	45	440	1000	1/10/100	E	164042	-	2
	230	E27	74	45	400	1000	1/10/100	E	508094	9004100641010	2
	240	E27	74	45	400	1000	1/10/100	E	508095	9004100642116	2
60	120/125	E27	74	45	680	1000	1/10/100	E	164683	9004100646817	2
	230	E27	74	45	660	1000	1/10/100	E	508097	9004100647111	2
	240	E27	74	45	660	1000	1/10/100	E	510342	9004100647913	2

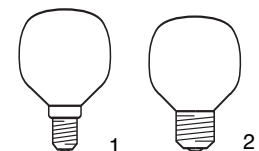
belülhomályosított ● frosted ● dépolie ● matowana ● matirana ● matirana

15	230	E14	79	45	90	1000	1/10/100	F	510340	9004100456812	3
25	230	E14	79	45	200	1000	1/10/100	F	517099	5994100170990	3
40	230	E14	79	45	400	1000	1/10/100	E	516788	9004100626314	3
	240	E14	79	45	400	1000	1/10/100	E	517096	5994100170969	3
60	230	E14	79	45	660	1000	1/10/100	E	517088	5994100170884	3
15	230	E27	74	45	90	1000	1/10/100	F	508100	9004100466019	4
25	230	E27	74	45	200	1000	1/10/100	F	508093	9004100636313	4
	240	E27	74	45	200	1000	1/10/100	F	510324	9004100637617	4
40	120/125	E27	74	45	440	1000	1/10/100	E	164282	-	4
	230	E27	74	45	400	1000	1/10/100	E	508096	9004100643212	4
	230	E27	79	45	400	1000	2/40	E	510341	9004100309125	4
	240	E27	74	45	400	1000	1/10/100	E	510331	9004100644516	4
60	230	E27	74	45	660	1000	1/10/100	E	508098	9004100648217	4
	240	E27	74	45	660	1000	1/10/100	E	510343	9004100648811	4
25	230	B22d	73	45	200	1000	1/10/100	F	510314	9004100657318	5
40	230	B22d	73	45	400	1000	1/10/100	E	510328	9004100661711	5
	240	B22d	73	45	400	1000	1/10/100	E	510330	9004100662015	5

opál ● opal ● opalisée ● opalizowana ● opal ● opal

25	220/230	E14	79	45	180	1000	1/10/100	F	509775	9004100621517	3
40	220/230	E14	79	45	360	1000	1/10/100	F	509774	9004100629018	3
60	220/230	E14	79	45	600	1000	1/10/100	F	508175	9004100633411	3
15	220/230	E27	74	45	80	1000	1/10/100	F	510291	9004100466910	4
25	220/230	E27	74	45	180	1000	1/10/100	F	508176	9004100638713	4
40	220/230	E27	74	45	360	1000	1/10/100	F	508177	9004100645216	4

**TUNGSRASOFT-ILLU lámpák**  
**TUNGSRASOFT-ILLU Lamps**  
**Lampes TUNGSRASOFT-ILLU**  
**Žarówki TUNGSRASOFT-ILLU**  
**TUNGSRASOFT-ILLU žarulje**  
**Žarnice TUNGSRASOFT ILLU**



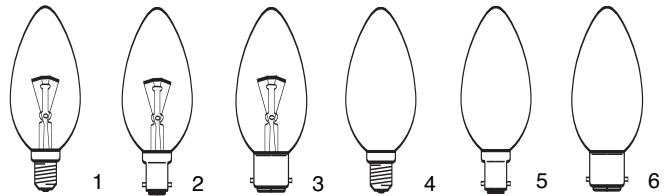
W	V		L <sub>max.</sub>	Ø	lm	t <sub>(h)</sub>		EEC	SKU	EAN	Fig.
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opál ● opal ● opalisée ● opalizowana ● opal ● opal

25	230	E14	79	45	175	1000	1/10/100	F	508178	9004101722015	1
40	230	E14	79	45	350	1000	1/10/100	F	508179	9004101727010	1
25	230	E27	74	45	175	1000	1/10/100	F	508180	9004101738917	2
40	230	E27	74	45	350	1000	1/10/100	F	508181	9004101742815	2
60	230	E27	74	45	600	1000	1/10/100	F	510528	5994100105282	2



**Gyertyalámpák**  
**Candle Lamps**  
**Lampes flammes**  
**Świece żarówki**  
**Sviječa žarulje**  
**Svečaste žarnice**



W	V		L <sub>max.</sub>	Ø	lm	t <sub>(h)</sub>		EEC	SKU	EAN	Fig.
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világos ● clear ● claire ● przezroczysta ● bistra ● bistra

15	230	E14	100	35	90	1000	1/10/100	F	508131	9004100518411	1
25	230	E14	100	35	200	1000	1/10/100	F	508132	9004100532516	1
	230	E14	100	35	200	1000	1/5/50	F	506799	5994100113379	1
	230	E14	100	35	200	1000	2/20/40	F	510252	9004100533018	1
	240	E14	100	35	200	1000	1/10/100	F	508133	9004100534114	1
40	230	E14	100	35	400	1000	1/10/100	E	508135	9004100540115	1
	230	E14	100	35	400	1000	1/5/50	E	506798	5994100113386	1
	230	E14	100	35	400	1000	2/20/40	E	510236	9004100540016	1
	230	E14	100	35	400	1000	2/40	E	510236	9004100540016	1
	240	E14	100	35	400	1000	1/10/100	E	508136	9004100541716	1
60	230	E14	100	35	660	1000	1/10/100	E	508138	9004100549019	1
	230	E14	100	35	660	1000	1/5/50	E	506795	5994100113393	1
	240	E14	100	35	660	1000	1/10/100	E	510256	9004100550213	1
40	240	B15d	100	35	400	1000	1/10/100	E	510253	9004100556819	2
40	240	B22d	96	35	400	1000	1/10/100	E	510241	9004100567310	3

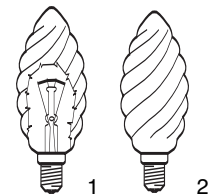
belülhomályosított ● frosted ● dépolie ● matowana ● matirana ● matirana

15	240	E14	100	35	90	1000	1/10/100	F	510257	9004100520711	4
25	230	E14	100	35	200	1000	1/10/100	F	508134	9004100535319	4
	230	E14	100	35	200	1000	1/5/50	F	506800	5994100113348	4
	230	E14	100	35	200	1000	2/40	F	510485	9004100207728	4
	240	E14	100	35	200	1000	1/10/100	F	510240	9004100537115	4
40	230	E14	100	35	400	1000	1/10/100	E	508137	9004100543314	4
	230	E14	100	35	400	1000	1/5/50	E	506797	5994100113355	4
	230	E14	100	35	400	1000	2/40	E	510816	9004100207926	4
60	240	E14	100	35	400	1000	1/10/100	E	510238	9004100545516	4
	230	E14	100	35	660	1000	1/10/100	E	508139	9004100551517	4
	230	E14	100	35	660	1000	1/5/50	E	506796	5994100113362	4
	240	E14	100	35	660	1000	1/10/100	E	510237	9004100552910	4
40	240	B15d	100	35	400	1000	1/10/100	E	510254	9004100560113	5
40	240	B22d	96	35	400	1000	1/10/100	E	510242	9004100569116	6

opál ● opal ● opalisée ● opalizowana ● opal ● opal

15	230	E14	100	35	90	1000	1/10/100	F	509597	5994100068914	4
25	230	E14	100	35	200	1000	1/10/100	F	509594	9004100538112	4
	240	E14	100	35	200	1000	1/10/100	F	509594	9004100538112	4
40	230	E14	100	35	400	1000	1/10/100	E	509595	9004100547213	4
	230	E14	100	35	400	1000	2/40	E	509595	9004100547213	4
60	230	E14	100	35	660	1000	1/10/100	E	509596	9004100553719	4

**Csavart gyertyalámpák**  
**Twisted Candle Lamps**  
**Lampes flammes torsadées**  
**Świece żarówki skręcone**  
**Spiralne svijeća žarulje**  
**Spiralne svečaste žarnice**



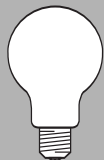
W	V		L <sub>max.</sub>	Ø	lm	t <sub>(h)</sub>		EEC	SKU	EAN	Fig.
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világos ● clear ● claire ● przezroczysta ● bistra ● bistra

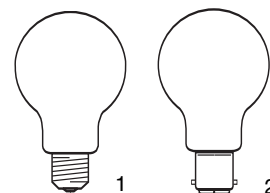
25	230	E14	100	35	200	1000	1/10/100	F	514309	9004100573618	1
40	230	E14	100	35	400	1000	1/10/100	E	514310	9004100576411	1
60	230	E14	100	35	660	1000	1/10/100	E	514311	9004100578910	1

belülhomályosított ● frosted ● dépolie ● matowana ● matirana ● matirana

25	230	E14	100	35	200	1000	1/10/100	F	514312	9004100574813	2
40	230	E14	100	35	400	1000	1/10/100	E	514313	9004100577715	2
60	230	E14	100	35	660	1000	1/10/100	E	514314	9004100579719	2

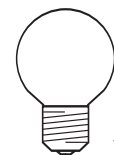


**Színés normállámpa**  
**Coloured Standard Lamps**  
**Lampes standard couleur**  
**Żarówki głównego szeregu kolorowe**  
**Standardne obojone żarulje**  
**Standardne barvaste žarnice**



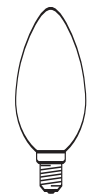
W	V		L <sub>max.</sub>	Ø	lm	t <sub>(h)</sub>		EEC	SKU	EAN	Fig.
piros ● red ● rouge ● czerwona ● crvena ● rdeča											
25	230	E27	105.5	60	–	1000	1/10/100	–	508120	9004100041018	1
15	240	B22d	104	60	–	1000	1/10/50	–	510464	9004100066714	2
narancssárga ● orange ● orange ● pomarańczowa ● narančasta ● oranžna											
25	230	E27	105.5	60	–	1000	1/10/100	–	508118	9004100044217	1
sárga ● yellow ● jaune ● zółta ● žuta ● rumena											
25	230	E27	105.5	60	–	1000	1/10/100	–	508119	9004100042619	1
15	240	B22d	104	60	–	1000	1/10/50	–	510463	9004100067513	2
zöld ● green ● vert ● zielona ● zelena ● zelena											
25	230	E27	105.5	60	–	1000	1/10/100	–	508116	9004100047416	1
15	240	B22d	104	60	–	1000	1/10/50	–	510461	9004100069913	2
kék ● blue ● bleu ● niebieska ● plava ● modra											
25	230	E27	105.5	60	–	1000	1/10/100	–	508117	9004100045610	1
15	240	B22d	104	60	–	1000	1/10/50	–	510462	9004100069210	2

**Színés dekorációs gömb lámpák**  
**Coloured Decorative Round Lamps**  
**Lampes sphériques couleurs**  
**Kuliste żarówki dekoracyjne kolorowe**  
**Obojone dekorativne okrugle žarulje**  
**Barvaste dekorativne kroglaste žarnice**



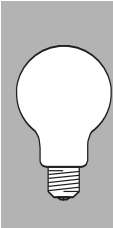
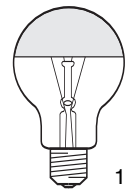
W	V		L <sub>max.</sub>	Ø	lm	t <sub>(h)</sub>		EEC	SKU	EAN	Fig.
piros ● red ● rouge ● czerwona ● crvena ● rdeča											
15	230	E27	74	45	–	1000	1/10/100	–	510310	9004100467412	1
narancssárga ● orange ● orange ● pomarańczowa ● narančasta ● oranžna											
15	230	E27	74	45	–	1000	1/10/100	–	510872	9004100468310	1
sárga ● yellow ● jaune ● zółta ● žuta ● rumena											
15	230	E27	74	45	–	1000	1/10/100	–	510311	9004100467818	1
zöld ● green ● vert ● zielona ● zelena ● zelena											
15	230	E27	74	45	–	1000	1/10/100	–	510309	9004100469010	1
kék ● blue ● bleu ● niebieska ● plava ● modra											
15	230	E27	74	45	–	1000	1/10/100	–	510308	9004100468617	1

**Színés gyertyalámpák**  
**Coloured Candle Lamps**  
**Lampes flammes couleurs**  
**Świece kolorowe**  
**Obojone svijeća žarulje**  
**Barvaste svečaste žarnice**



W	V		L <sub>max.</sub>	Ø	lm	t <sub>(h)</sub>		EEC	SKU	EAN	Fig.
piros ● red ● rouge ● czerwona ● crvena ● rdeča											
15	230	E14	100	35	–	1000	1/10/100	–	517825	5994100178255	1
sárga ● yellow ● jaune ● zółta ● žuta ● rumena											
15	230	E14	100	35	–	1000	1/10/100	–	517826	5994100178262	1
zöld ● green ● vert ● zielona ● zelena ● zelena											
15	230	E14	100	35	–	1000	1/10/100	–	517827	5994100178279	1
kék ● blue ● bleu ● niebieska ● plava ● modra											
15	230	E14	100	35	–	1000	1/10/100	–	517828	5994100178286	1

**Tetőtükrös lámpák**  
**Crown Mirrored Lamps**  
**Lampes à calotte argentée**  
**Żarówki bezcieniowe**  
**Žarulje sa posrebrnim vrhom**  
**Žarnice s posrebrnim vrhom**

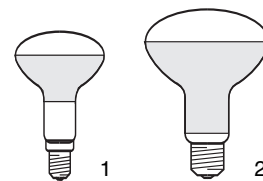


W	V		L <sub>max.</sub>	Ø	Im	t <sub>(h)</sub>		EEC	SKU	EAN	Fig.
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világos, ezüstsínű buratetővel ● clear, top silver mirrored ● claire, coupole argentée ● przezroczysta, odbłyśnik w kolorze srebrnym  
 bistra s posrebrnim vrhom ● bistra s posrebrnim vrhom

40	230	E27	105.5	60	290	1000	1/10/50	G	510480	9004100147611	1
60	230	E27	105.5	60	500	1000	1/10/50	G	510479	9004100170411	1
100	230	E27	105.5	60	1000	1000	1/10/50	G	517758	9004100365411	1

**TUNGSRFLEX reflektorlámpák**  
**TUNGSRFLEX Reflector Lamps**  
**Lampes réflecteur TUNGSRFLEX**  
**Żarówki reflektorowe TUNGSRFLEX**  
**TUNGSRFLEX reflektorske žarulje**  
**Žarnice TUNGSRFLEX z reflektorjem**



W	V		L <sub>max.</sub>	Ø	Cd		t <sub>(h)</sub>		SKU	EAN	Fig.
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**R39 (ø 39 mm)**

25	230	E14	66	39	65	80	1000	1/10/100	510348	9004101476413	1
30	230	E14	66	39	80	80	1000	1/10/100	509688	9004100412818	1

**R50 (ø 50 mm)**

25	230	E14	86	50	130	35	1000	1/10/100	509689	9004100412917	1
	230	E14	86	50	130	35	1000	2/40	511870	5994100118701	1
	240	E14	86	50	130	35	1000	1/10/100	510350	9004100667614	1
40	120/125	E14	86	50	440	35	1000	1/10/50	511431	5994100114314	1
	230	E14	86	50	250	35	1000	1/10/100	509690	9004100669113	1
	230	E14	86	50	250	35	1000	2/40	511871	5994100118718	1
	240	E14	86	50	250	35	1000	1/10/100	510349	9004101478912	1
60	230	E14	86	50	550	35	1000	1/10/100	510351	5994100079958	1

**R63 (ø 63 mm)**

230	E27	103	63	350	35	1000	1/50	509691	9004100378114	2	
240	E27	103	63	350	35	1000	1/10/50	510354	9004100379012	2	
60	120/125	E27	103	63	720	35	1000	1/10/50	511396	5994100113966	2
	230	E27	103	63	550	35	1000	1/50	509692	9004100380414	2
	230	E27	103	63	550	35	1000	2/40	511874	5994100118749	2
	240	E27	103	63	550	35	1000	1/10/50	510353	9004100381411	2

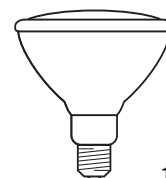
**R80 (ø 80 mm)**

40	230	E27	115	80	140	80	1000	1/25	509693	9004100383019	2
	240	E27	115	80	140	80	1000	1/25	510357	9004100384016	2
	230	E27	115	80	240	80	1000	1/25	509694	9004100385914	2
	240	E27	115	80	240	80	1000	1/25	510356	9004100387215	2
75	230	E27	115	80	320	80	1000	1/25	509695	9004100388410	2
	230	E27	115	80	450	80	1000	1/25	509696	9004100390918	2
	240	E27	115	80	450	80	1000	1/25	510355	9004100392011	2

**R95 (ø 95 mm)**

100	230	E27	131	95	1350	35	1000	1/15	509698	9004100397412	2
150	230	E27	131	95	2000	35	1000	1/15	510358	9004101905418	2

## TUNGSRAPAR 38



W	V		L <sub>max.</sub>	∅	Cd		t <sub>(h)</sub>		SKU	EAN	Fig.
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### SPOT

világos ● clear ● claire ● przezroczysta ● bistra ● bistra

150	230	E27	136	122	7000	15	2000	1/10		510382	9004100713816
1	240	E27	136	122	7000	15	2000	1/10	510384	9004100715315	1

### FLOOD

világos ● clear ● claire ● przezroczysta ● bistra ● bistra

100	120-125	E27	136	122	2600	30	2000	1/10	510388	5994100103882	1
	230	E27	136	122	2000	30	2000	1/10	510386	9004100695518	1
	240	E27	136	122	2000	30	2000	1/10	510385	9004100697017	1
150	120-125	E27	136	122	3700	30	2000	1/10	510387	5994100103875	1
	230	E27	136	122	3000	30	2000	1/10	510381	9004100716411	1
	240	E27	136	122	3000	30	2000	1/10	510383	9004100718019	1

## TUNGSRAPAR 38-ES

W	V		L <sub>max.</sub>	∅	Cd		t <sub>(h)</sub>		SKU	EAN	Fig.
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### SPOT

világos ● clear ● claire ● przezroczysta ● bistra ● bistra

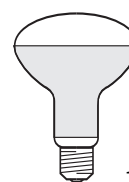
80	230	E27	136	122	5400	12	2000	1/10	510363	9004100682617	1
	240	E27	136	122	5400	12	2000	1/10	510368	9004100683317	1
120	230	E27	136	122	7000	12	2000	1/10	510360	9004100689319	1
	240	E27	136	122	7000	12	2000	1/10	510365	9004100689814	1

### FLOOD

világos ● clear ● claire ● przezroczysta ● bistra ● bistra

80	230	E27	136	122	2000	30	2000	1/10	510361	9004100684116	1
	240	E27	136	122	2000	30	2000	1/10	510366	9004100684918	1
120	230	E27	136	122	3000	30	2000	1/10	510359	9004100690513	1
	240	E27	136	122	3000	30	2000	1/10	510364	9004100691213	1

## Infralámpák Infrared Lamps Lampes infrarouge Promienniki podczerwieni Infracrvene žarulje Infrardeče žarnice



W	V		L <sub>max.</sub>	∅	t <sub>(h)</sub>		SKU	EAN	Fig.
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### INFRASEC

keményüvegbúrában, világos buratetővel ● hard glass bulb, clear bulb top ● ampoule en verre dur, couple claire

twarde szkło z przezroczystą kopułą ● tvrdo staklo sa bistrim vrhom ● trdo steklo z bistrim vrhom

150	235/245	E27	180	125	6000	1/10	509699	9004100425412	1
250	235/245	E27	180	125	6000	1/10	509702	9004100427515	1

### INFRASATIN

keményüvegbúrában, szatírozott buratetővel ● hard glass bulb, satinised bulb top ● ampoule en verre dur, couple satinée

twarde szkło z satynowaną kopułą ● tvrdo staklo sa sateniziranim vrhom ● trdo steklo s sateniranim vrhom

150	235/245	E27	180	125	6000	1/10	509700	9004100425818	1
250	235/245	E27	180	125	6000	1/10	509714	9004100428314	1

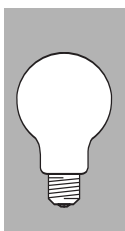
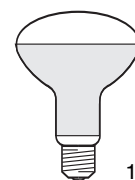
### INFRARUBIN

keményüvegbúrában, rubinszínű buratetővel ● hard glass bulb, rubin bulb top ● ampoule en verre dur, couple: rubis

twarde szkło z rubinową kopułą ● tvrdo staklo sa rubinskim vrhom ● trdo steklo z rubinskim vrhom

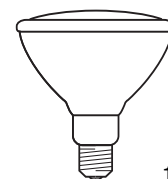
150	235/245	E27	180	125	6000	1/10	509701	9004100426716	1
250	235/245	E27	180	125	6000	1/10	509715	9004100429519	1

**DISCOLUX lámpák**  
**DISCOLUX Lamps**  
**Lampes DISCOLUX**  
**Žarówki DISCOLUX**  
**DISCOLUX žarulje**  
**Žarnice DISCOLUX**

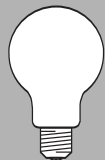


W	V		L <sub>max.</sub>	∅	t <sub>(h)</sub>		SKU	EAN	Fig.
<b>R63 (∅ 63 mm)</b>									
piros ● red ● rouge ● czerwona ● crvena ● rdeča									
40	230	E27	103	63	1000	1/10/50	510402	9004101900512	1
sárga ● yellow ● jaune ● žółta ● žuta ● rumena									
40	230	E27	103	63	1000	1/10/50	510417	9004101902110	1
zöld ● green ● vert ● zielona ● zelena ● zelena									
40	230	E27	103	63	1000	1/10/50	510403	9004101902219	1
kék ● blue ● bleu ● niebieska ● plava ● modra									
40	230	E27	103	63	1000	1/10/50	510404	9004101901618	1
<b>R80 (∅ 80 mm)</b>									
piros ● red ● rouge ● czerwona ● crvena ● rdeča									
60	230	E27	114	80	1000	1/25	510413	9004101900918	1
sárga ● yellow ● jaune ● žółta ● žuta ● rumena									
60	230	E27	114	80	1000	1/25	510414	9004101901212	1
zöld ● green ● vert ● zielona ● zelena ● zelena									
60	230	E27	114	80	1000	1/25	510416	9004101901717	1
kék ● blue ● bleu ● niebieska ● plava ● modra									
60	230	E27	114	80	1000	1/25	510415	9004101901410	1

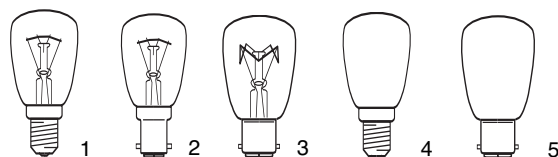
**Színés TUNGSRAPAR 38-ES lámpák**  
**Coloured TUNGSRAPAR 38-ES**  
**Lampes TUNGSRAPAR 38-ES couleurs**  
**TUNGSRAPAR 38-ES kolorowe**  
**Obojene TUNGSRAPAR 38-ES**  
**Barvaste TUNGSRAPAR 38-ES**



W	V		L <sub>max.</sub>	∅		t <sub>(h)</sub>		SKU	EAN	Fig.
<b>SPOT</b>										
piros ● red ● rouge ● czerwona ● crvena ● rdeča										
120	240	E27	136	122	12	2000	1/10	511387	5994100113874	1
sárga ● yellow ● jaune ● žółta ● žuta ● rumena										
120	240	E27	136	122	12	2000	1/10	511390	5994100113904	1
zöld ● green ● vert ● zielona ● zelena ● zelena										
120	240	E27	136	122	12	2000	1/10	511388	5994100113881	1
kék ● blue ● bleu ● niebieska ● plava ● modra										
120	240	E27	136	122	12	2000	1/10	511389	5994100113898	1
<b>FLOOD</b>										
piros ● red ● rouge ● czerwona ● crvena ● rdeča										
80	230	E27	136	122	30	2000	1/10	510376	9004100686615	1
	240	E27	136	122	30	2000	1/10	510380	9004100686912	1
sárga ● yellow ● jaune ● žółta ● žuta ● rumena										
80	230	E27	136	122	30	2000	1/10	510375	9004100687414	1
	240	E27	136	122	30	2000	1/10	510379	9004100687612	1
zöld ● green ● vert ● zielona ● zelena ● zelena										
80	230	E27	136	122	30	2000	1/10	510369	9004100688015	1
	240	E27	136	122	30	2000	1/10	510378	9004100688213	1
kék ● blue ● bleu ● niebieska ● plava ● modra										
80	230	E27	136	122	30	2000	1/10	510362	9004100688718	1
	240	E27	136	122	30	2000	1/10	510377	9004100689111	1



**Törpelámpák**  
**Pygmy Lamps**  
**Lampes Pygmées**  
**Żarówki tablicowe**  
**Patuljaste žarulje**  
**Hruškaste žarnice**



W	V		L <sub>max.</sub>	Ø	lm	t <sub>(h)</sub>		EEC	SKU	EAN	Fig.
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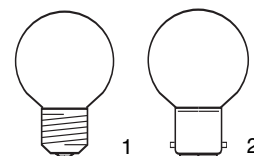
világos ● clear ● claire ● przezroczysta ● bistra ● bistra

5	230	E14	60	26	40	1000	1/100	C	148812	9004100488110	1
12	230	E14	60	26	60	1000	1/100	F	509704	9004100489117	1
15	24	E14	60	26	160	1000	1/100	D	509708	9004100605913	1
	230	E14	60	26	90	1000	1/100	F	509705	9004100490618	1
	230	E14	65	28	90	1000	1/100	F	509705	9004100490618	1
	240	E14	60	26	90	1000	1/100	F	509706	9004100492414	1
	240	E14	65	28	90	1000	1/10/100	F	511607	9004100507712	1
25	230	E14	65	28	190	1000	1/100	F	509709	9004101611319	1
	240	E14	65	28	190	1000	1/10/100	F	510500	9004100511610	1
15	230	B15d	59	26	90	1000	1/100	F	509707	9004100495811	2
	240	B15d	59	26	90	1000	1/10/100	F	510495	9004100496016	2
15	230	B22d	57	26	90	1000	1/10/100	F	510494	9004100497716	3
	240	B22d	57	26	90	1000	1/10/100	F	510493	9004100498119	3

belülhomályosított ● frosted ● dépolie ● matowana ● matirana ● matirana

15	230	E14	60	26	90	1000	1/10/100	F	510498	9004100493916	4
	240	E14	60	26	90	1000	1/10/100	F	510498	9004100493916	4
25	230	E14	65	28	190	1000	1/10/100	F	510499	9004100512617	4
15	230	B22d	57	26	90	1000	1/10/100	F	510492	9004100498911	5

**Éjszakai lámpák**  
**NIGHTLIGHT Lamps**  
**Lampes de nuit**  
**Żarówki nocne**  
**NIGHT žarulje**  
**Žarnice NIGHT**



W	V		L <sub>max.</sub>	Ø	lm	t <sub>(h)</sub>		EEC	SKU	EAN	Fig.
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belülhomályosított ● frosted ● dépolie ● matowana ● matirana ● matirana

-	230	E27	74	45	-	1000	1/10/100	-	510274	9004100462110	1
-	240	B22d	73	45	-	1000	1/10/100	-	510275	9004100473918	2

opál ● opal ● opalisée ● opalizowana ● opal ● opal

-	230	E27	74	45	-	1000	1/10/100	-	510273	9004100463018	1
-	240	B22d	73	45	-	1000	1/10/100	-	510271	9004100474311	2

piros ● red ● rouge ● czerwona ● crvena ● rdeča

-	230	E27	74	45	-	1000	1/10/100	-	510283	9004100463315	1
-	240	B22d	73	45	-	1000	1/10/100	-	510272	9004100474816	2

sárga ● yellow ● jaune ● zółta ● žuta ● rumena

-	230	E27	74	45	-	1000	1/10/100	-	510282	9004100463810	1
-	240	B22d	73	45	-	1000	1/10/100	-	510278	9004100475417	2

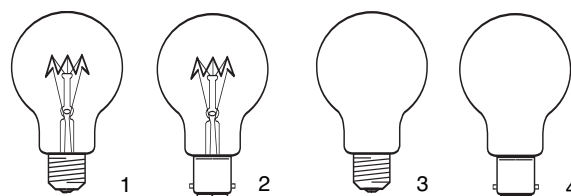
zöld ● green ● vert ● zielona ● zelena ● zelena

-	230	E27	74	45	-	1000	1/10/100	-	510280	9004100464817	1
-	240	B22d	73	45	-	1000	1/10/100	-	510276	9004100477312	2

kék ● blue ● bleu ● niebieska ● plava ● modra

-	230	E27	74	45	-	1000	1/10/100	-	510281	9004100464411	1
-	240	B22d	73	45	-	1000	1/10/100	-	510277	9004100476513	2

**RESISTA (rázásálló) lámpák**  
**RESISTA (Rough Service)Lamps**  
**Lampes RESISTA construction renforcée**  
**Żarówki wstrząsoodporne RESISTA**  
**RESISTA žarulje za otežane uvjete eksploatacije**  
**Žarnice RESISTA za uporabo v težjih razmerah**



W	V		L <sub>max.</sub>	Ø	lm	t <sub>(h)</sub>		EEC	SKU	EAN	Fig.
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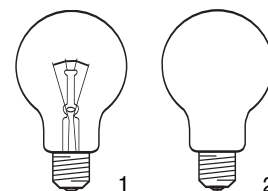
világos ● clear ● claire ● przezroczysta ● bistra ● bistra

60	120/125	E27	105.5	60	610	1000	1/10/100	F	143992	-	1
	230	E27	105.5	60	500	1000	1/100	G	508103	9004100440118	1
	240	E27	105.5	60	500	1000	1/100	G	508102	9004100440910	1
100	120/125	E27	105.5	60	1150	1000	1/10/100	F	144262	-	1
	230	E27	105.5	60	1000	1000	1/20	G	510446	9004100442815	1
	240	E27	105.5	60	1000	1000	1/10/100	G	508101	9004100443218	1
100	240	B22d	104	60	1000	1000	1/20	G	510442	9004100452418	2

belülhomályosított ● frosted ● dépolie ● matowana ● matirana ● matirana

60	230	E27	105.5	60	450	2500	1/20	G	510447	9004100446417	3
	240	E27	105.5	60	450	1000	1/20	G	510449	9004100442013	3
100	120/125	E27	105.5	60	1040	1000	1/10/100	F	144382	9004100443812	3
60	120/125	B22d	104	60	610	1000	1/10/100	F	145090	-	4

**Kisfeszültségű normállámpák**  
**Low Voltage Standard Lamps**  
**Lampes standard basse tension**  
**Żarówki tradycyjne niskiego napięcia**  
**Niskonaponske standardne žarulje**  
**Nizkonapetostne standardne žarnice**



W	V		L <sub>max.</sub>	Ø	lm	t <sub>(h)</sub>		EEC	SKU	EAN	Fig.
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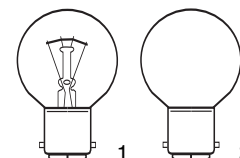
világos ● clear ● claire ● przezroczysta ● bistra ● bistra

25	24	E27	105.5	60	320	1000	1/10/100	C	508160	9004100090016	1
40	24	E27	105.5	60	580	1000	1/10/100	D	508161	9004100092317	1
	42	E27	105.5	60	520	1000	1/10/100	D	510613	9004100093017	1
60	24	E27	105.5	60	930	1000	1/10/100	D	508162	9004100149615	1
	36	E27	105.5	60	880	1000	1/10/100	D	510612	9004100150017	1
	42	E27	105.5	60	860	1000	1/10/100	D	508163	9004100150314	1
75	24	E27	105.5	60	1200	1000	1/10/100	D	508164	9004100174112	1
100	24	E27	105.5	60	1740	1000	1/10/100	D	508165	9004100185613	1
	42	E27	105.5	60	1600	1000	1/10/100	D	510611	9004100186214	1

belülhomályosított ● frosted ● dépolie ● matowana ● matirana ● matirana

40	24	E27	105.5	60	580	1000	1/10/100	D	510616	9004100099019	2
60	24	E27	105.5	60	930	1000	1/10/100	D	510615	9004100157214	2
100	24	E27	105.5	60	1740	1000	1/10/100	D	510614	9004100192116	2

**Vagonlámpák**  
**Train Lamps**  
**Lampes wagon**  
**Żarówki kolejowe**  
**Vagonske žarulje**  
**Vagonske žarnice**



W	V		L <sub>max.</sub>	Ø	lm	t <sub>(h)</sub>		EEC	SKU	EAN	Fig.
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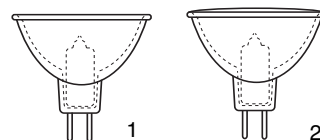
világos ● clear ● claire ● przezroczysta ● bistra ● bistra

15	26	B22	70	45	130	1000	1/10/100	D	161123	9004100611211	1
25	78	B22	70	45	230	1000	1/10/100	E	161322	9004100613215	1
30	26	B22	70	45	350	1000	1/10/100	D	161432	9004100614311	1

opál ● opal ● opalisée ● opalizowana ● opal ● opal

20	28	B22	70	45	165	1000	1/10/100	E	161232	9004100612317	2
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**Kisfeszültségű halogén reflektorlámpák**  
**Dichroic Mirror Halogen Reflector Lamps**  
**Lampes réflecteur aux halogènes à miroir dichroïque**  
**Żarówki halogenowe z zimnym odbłyśnikiem**  
**Halogene žarulje s dikroičkim reflektorom**  
**Halogenske žarnice z dikroičnim reflektorjem**



**PRECISE™ BRIGHT MR16**

Type	W	V		CCT		Cd	t <sub>(h)</sub>		SKU	EAN	Fig.
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ø 50 mm

nyitott hidegtükör ● open dichroic mirror ● miroir dichroïque ouvert ● odbłyśnik otwarty ● otvoreno dikroik ogledalo ● odprto dikroično zrcalo

52330 WFL	BAB	20	12	GU5.3	3000	36	500	4000	1/10	509442	5994100094425	1
52400 WFL	FMW	35	12	GU5.3	3000	36	1620	4000	1/10	509440	5994100094401	1
52290 NFL	EXZ	50	12	GU5.3	3000	18	5920	4000	1/10	509443	5994100094432	1
52360 WFL	EXN	50	12	GU5.3	3000	36	2600	4000	1/10	509441	5994100094418	1

zárt hidegtükör ● closed dichroic mirror ● miroir dichroïque fermé ● odbłyśnik zamknięty ● zatvoreno dikroik ogledalo ● zaprto dikroično zrcalo

52330 WFL	BAB/CG	20	12	GU5.3	3000	36	450	4000	1/10	509439	5994100094395	2
52400 WFL	FMW/CG	35	12	GU5.3	3000	36	1300	4000	1/10	509436	5994100094364	2
52290 NFL	EXZ/CG	50	12	GU5.3	3000	18	4750	4000	1/10	509437	5994100094371	2
52360 WFL	EXN/CG	50	12	GU5.3	3000	36	2100	4000	1/10	509438	5994100094388	2

**START MR16 ECO**

Type	W	V		CCT		Cd	t <sub>(h)</sub>		SKU	EAN	Fig.
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ø 50 mm

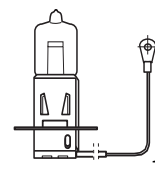
nyitott hidegtükör ● open dichroic mirror ● miroir dichroïque ouvert ● odbłyśnik otwarty ● otvoreno dikroik ogledalo ● odprto dikroično zrcalo

52330 WFL	BAB	20	12	GU5.3	2900	36	500	2000	1/20	510269	5994100102694	1
52400 WFL	FMW	35	12	GU5.3	3000	36	925	2000	1/20	510268	5994100102687	1
52360 WFL	EXN	50	12	GU5.3	3000	36	1500	2000	1/20	510270	5994100102700	1

zárt hidegtükör ● closed dichroic mirror ● miroir dichroïque fermé ● odbłyśnik zamknięty ● zatvoreno dikroik ogledalo ● zaprto dikroično zrcalo

52330 WFL	BAB/CG	20	12	GU5.3	2900	36	450	2000	1/20	510512	5994100105121	2
									1/10 blister	510795	5994100107958	2
									2/20 blister	516933	5994100169338	2
52400 WFL	FMW/CG	35	12	GU5.3	3000	36	840	2000	1/20	510511	5994100105114	2
52360 WFL	EXN/CG	50	12	GU5.3	3000	36	1350	2000	1/20	510513	5994100105138	2
									1/10 blister	510794	5994100107941	2
									2/20 blister	516934	5994100169345	2

**Halogén közlekedési lámpa**  
**Halogen Traffic Signal Lamps**  
**Lampes de signalisation aux halogènes**  
**Żarówki halogenowe do sygnalizacji ulicznej**  
**Halogene žarulje za prometnu signalizaciju**  
**Halogenske žarnice za prometno signalizacijo**



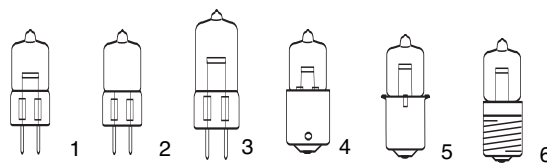
Type	W	V		L <sub>max.</sub>	Ø	LCL	Im	t <sub>(h)</sub>		SKU	Fig.
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világos ● clear ● claire ● przezroczysta ● bistra ● bistra

52160	50	10	PKX22s	42	11.5	18	940	8000	50/400 bulk	208652	1
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**Egy végén fejelt, kifeszültségű halogénlámpák**  
**Low Voltage Single-Ended Halogen Lamps**  
**Lampes aux halogènes basse tension mono culot**  
**Żarówki halogenowe niskiego napięcia jednostronnie trzonkowe**  
**Niskonaponske halogene žarulje s jednim podnoškom**  
**Nizkonapetostne halogenske žarnice z enojnim vzožkom**



**UV-CONTROL üvegbúrában** ● **in UV-CONTROL Glass Bulb** ● **dans ampoule UV-CONTROL**  
**w banie ze szkła nieprzepuszczającego promieniowania UV-CONTROL** ● **u UV-CONTROL staklenom balonu** ● **v steklenem balonu UV-CONTROL**

Type	W	V		L <sub>max.</sub>	Ø	LCL	Im	t <sub>(h)</sub>		SKU	EAN	Fig.
világos ● clear ● claire ● przezroczysta ● bistra ● bistra												
56050	6	6	G4	33	9	19.5 ± 0.25	100	100	1/20	510639	5994100106395	1
56030	20	12	G4	33	9	19.5 ± 0.25	550	100	1/20	510641	5994100106418	1
56040	20	12	G4	33	9	19.5 ± 0.25	380	2000	1/20	509452	5994100094524	1
									1/10 blister	510558	5994100105589	1
56530	20	12	GY6.35-15	44	11	30.0 ± 0.25	350	2000	1/20	509446	5994100094463	3
56110	20	12	BA9s	31	9	15.0 ± 1.5	500	100	1/20	509504	5994100095040	4
56540	35	12	GY6.35-15	44	11	30.0 ± 0.25	600	2000	1/20	509447	5994100094470	3
56500	50	12	GY6.35-15	44	11	30.0 ± 0.25	900	4000	1/20	509444	5994100094449	3
56550	50	24	GY6.35-15	44	11	30.0 ± 0.25	750	2000	1/20	510643	5994100106432	3
56510	100	12	GY6.35-15	44	11	30.0 ± 0.25	2350	3000	1/20	509445	5994100094456	3
belülhomályosított ● frosted ● dépolie ● matovana ● matirana ● matirana												
56040	20	12	G4	33	9	19.5 ± 0.25	340	2000	1/20	510642	5994100106425	2

**Keménybúrában** ● **in Hard Glass Bulb** ● **dans ampoule en verre dur** ● **w banie ze szkła twardego** ● **u balonu od tvrdog stakla** ● **v balonu iz trdega stekla**

Type	W	V		L <sub>max.</sub>	Ø	LCL	Im	t <sub>(h)</sub>		SKU	EAN	Fig.	
világos ● clear ● claire ● przezroczysta ● bistra ● bistra													
8590	5	12	G4	33	9	19.5 ± 0.25	60	2000	1/20	509500	5994100095002	1	
									500 bulk	211155	-	1	
58600	10	12	G4	33	9	19.5 ± 0.25	140	2000	1/20	509501	5994100095019	1	
									500 bulk	211255	-	1	
									1500	1/10 blister	510557	5994100105572	1

**Bányalámpához** ● **for Miner's Lamps** ● **pour lampes de mines** ● **do lamp górniczych** ● **za rudarske svjetiljke** ● **za rudarske svetilke**

Type	W	V	A		L <sub>max.</sub>	Ø	LCL	Im	t <sub>(h)</sub>		SKU	EAN	Fig.
világos ● clear ● claire ● przezroczysta ● bistra ● bistra													
58790	4.0	4.0	-	P13.5s	31	10	6.55 ± 0.25	50	400	1/20	510637	5994100106371	5
58810	-	4.0	0.67	P13.5s	31	10	6.55 ± 0.25	32	600	1/20	510638	5994100106388	5

**Zseblámpához** ● **for Flashlight Lamps** ● **pour lampes flash** ● **do laterek kieszonkowych** ● **za baterijske svjetiljke** ● **za baterijske svetilke**

Type	V	A		L <sub>max.</sub>	Ø	LCL	Im	t <sub>(h)</sub>		SKU	EAN	Fig.
világos ● clear ● claire ● przezroczysta ● bistra ● bistra												
58720	2.8	0.85	P13.5s	31	10	6.35 ± 0.25	35	10	1/20	510633	5994100106333	5
58740	4.0	0.85	P13.5s	31	10	6.35 ± 0.25	60	25	1/20	510634	5994100106340	5
58760	5.2	0.85	P13.5s	31	10	6.35 ± 0.25	85	25	1/20	510635	5994100106357	5
58710	7.2	0.80	P13.5s	31	10	6.55 ± 0.25	125	50	1/20	510636	5994100106364	5
58830	2.8	0.85	E10	31	10	20.8 ± 1	36	10	1/20	510647	5994100106470	6
58850	4.0	0.85	E10	31	10	20.8 ± 1	62	25	1/20	510645	5994100106456	6
58860	5.2	0.85	E10	31	10	20.8 ± 1	50	15	1/20	510646	5994100106463	6
58870	5.2	0.85	E10	31	10	20.8 ± 1	90	25	1/20	510644	5994100106449	6

**Két végén fejezt, hálózati feszültségű halogénlámpák**  
**Mains Voltage Double-Ended Halogen Lamps**  
**Lampes aux halogènes pour tension secteur. avec culot aux deux extrémités**  
**Żarówki halogenowe napięcia sieciowego dwustronnie trzonkowane**  
**Halogene žarulje sa dva podnoška za mrežni napon**  
**Halogenске žarnice z dvema vzožkoma za omrežno napetost**

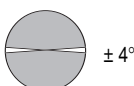


Type	W	V		L <sub>max.</sub>	Ø	CCT	lm	t <sub>(h)</sub>		EEC	SKU	EAN	Fig.
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világos ● clear ● claire ● przezroczysta ● bistra ● bistra													
51780	100	230	R7s	78.3	8	2900	1600	2000	1/10/100	D	509453	5994100094531	1
51110	150	230	R7s	78.3	8	2900	2600	2000	1/10/100	D	509454	5994100094548	1
		240	R7s	78.3	8	2900	2600	2000	1/10/100	D	509455	5994100094550	1
50080	200	230	R7s	78.3	8	2900	3400	2000	1/10/100	D	509457	5994100094579	1
		240	R7s	78.3	8	2900	3400	2000	1/10/100	D	509458	5994100094586	1



világos ● clear ● claire ● przezroczysta ● bistra ● bistra													
51820	150	230	R7s	117.6	8	2900	2100	2000	1/10/100	E	509459	5994100094593	2
									1/10 blister	E	510428	5994100104285	2
	150	240	R7s	117.6	8	2900	2100	2000	1/10/100	E	509460	5994100094609	2
								1500	1/10 blister	E	510429	5994100104292	2
50250	200	230	R7s	117.6	8	2900	3100	2000	1/10/100	E	509462	5994100094623	2
		240	R7s	117.6	8	2900	3100	2000	1/10/100	E	509463	5994100094630	2
		240	R7s	117.6	8	2900	2850	1500	1/10	E	514652	5994100146520	2
50090	250	230	R7s	117.6	8	2900	4000	2000	1/10/100	E	510629	5994100106296	2
		240	R7s	117.6	8	2900	4000	2000	1/10/100	E	510630	5994100106302	2
51000	300	130	R7s	117.6	8	2900	5950	2000	10/1000	D	174052	0721365658001	2
51020	300	230	R7s	117.6	8	2900	5100	2000	1/10/100	E	509467	5994100094678	2
									1/10 blister	E	510430	5994100104308	2
		240	R7s	117.6	8	2900	5100	2000	1/10/100	E	509469	5994100094692	2
									1/10 blister	E	510426	5994100104261	2
		240	R7s	117.6	8	2900	4600	1500	1/10	E	514653	5994100146537	2
50010	500	130	R7s	117.6	8	2900	11000	2000	10/1000	-	174320	721365658025	2
50000	500	230	R7s	117.6	8	2900	9800	2000	1/10/100	D	509470	5994100094708	2
									1/10 blister	D	510431	5994100104315	2
		240	R7s	117.6	8	2900	9700	2000	1/10/100	D	509471	5994100094715	2
									1/10 blister	D	510427	5994100104278	2
		240	R7s	117.6	8	2900	9000	1500	1/10	E	514654	5994100146544	2
50020	1000	230	R7s	189.1	10	2900	21000	2000	1/10	-	509473	5994100094739	2
		240	R7s	189.1	10	2900	21000	2000	1/10/50	-	509472	5994100094722	2
51770	1000	240	R7s	254.1	10	2900	21000	2000	1/10/100	-	510631	5994100106319	2
50030	1500	230	R7s	254.1	10	2900	32000	1000	1/10	-	509474	5994100094746	2
		240	R7s	254.1	10	2900	32000	1000	1/10	-	509475	5994100094753	2
51700	2000	230	R7s	330.8	10	2900	44000	1000	1/10/100	-	510632	5994100106326	2

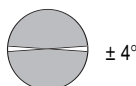


**HALO-T egy végén fejezt, hálózati feszültségű halogénlámpák**  
**Mains voltage Single Ended HALO-T lamps**  
**Lampes aux halogènes pour tension secteur, mono culot HALO-T**  
**Żarówki halogenowe napięcia sieciowego jednostronnie trzonkowane HALO-T**  
**HALO-T halogene žarulje sa jednim podnoškom za mrežni napon**  
**HALO-T Halogenске žarnice z enojnim vzožkoma za omrežno napetost**

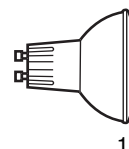


Type	W	V		L <sub>max.</sub>	Ø	lm	t <sub>(h)</sub>		EEC	SKU	EAN	Fig.
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világos ● clear ● claire ● przezroczysta ● bistra ● bistra												
51010	500	230	E40	215	38	9500	2000	1/10	D	174650	9004100746517	1
		240	E40	215	38	9500	2000	1/10	D	174660	9004100746616	1
51030	1000	230	E40	280	38	21000	2000	1/10	-	173740	9004100737416	1
		240	E40	280	38	21000	2000	1/10	-	173790	9004100737911	1



**Hálózati feszültségű hidegtükrös halogén reflektorlámpák**  
**Mains Voltage Dichroic Mirror Halogen Reflector Lamps**  
**Lampes réflecteur aux halogènes à miroir dichroïque, pour tension secteur**  
**Żarówki halogenowe z zimnym odbłyśnikiem, napięcia sieciowego**  
**Halogene žarulje sa dikroičkim reflektorom, za mrežni napon**  
**Halogenske žarnice z dikroičnim reflektorjem, za omrežno napetost**



**MR16 230/240V ECO**

<b>W</b>	<b>V</b>		<b>L<sub>max.</sub></b>	<b>CCT</b>		<b>Cd</b>	<b>t<sub>(h)</sub></b>		<b>SKU</b>	<b>EAN</b>	<b>Fig.</b>
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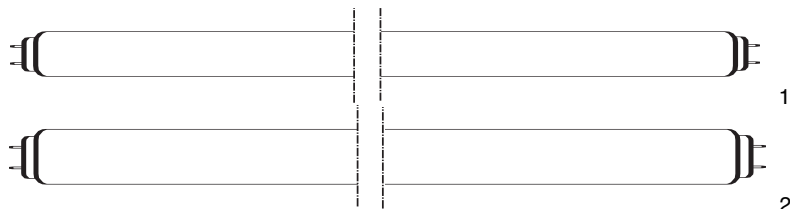
ø 51 mm

zárt hidegtükör ● closed dichroic mirror ● miroir dichroïque fermé ● odbłyśnik zamknięty ● zatvoreno dikroik ogledalo ● zaprto dikroično zrcalo

20	230	GU10	55	2700	36	200	1500	1/10	516970	5994100169703	1
	240	GU10	55	2700	36	200	1500	1/10	516829	5994100168294	1
35	230	GU10	55	2700	36	400	1500	1/10	516969	5994100169697	1
	240	GU10	55	2700	36	400	1500	1/10	516828	5994100168287	1
50	230	GU10	55	2700	36	600	1500	1/10	516134	5994100161349	1
	240	GU10	55	2700	36	600	1500	1/10	516032	5994100160328	1



**Fénycsövek**  
**Fluorescent Lamps**  
**Lampes fluorescentes**  
**Świetłówki o średnicy**  
**Fluorescentne cijevi**  
**Fluorescenčne cevi**



Type	W	L <sub>max.</sub>	lm	CCT	Ra	t <sub>(h)</sub> *	t <sub>(h)</sub> **		EEC	SKU	EAN	Fig.
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**ø26 mm PolyLux XLR™**

F18W/T8/840 POLYLUX XL-R	18	600	1350	4000	85	15000	20000	1/25	A	517195	5994100171959	1
F36W/T8/835 POLYLUX XL-R	36	1200	3350	3450	85	15000	20000	1/25	A	517196	5994100171966	1
F36W/T8/840 POLYLUX XL-R	36	1200	3350	4000	85	15000	20000	1/25	A	517197	5994100171973	1
F58W/T8/840 POLYLUX XL-R	58	1500	5200	4000	85	15000	20000	1/25	A	517198	5994100171980	1

\* hagyományos előtétellel • on conventional ballast • pour ballast conventionnel • trvalošč znamionova ze statecznikom konwencjonalnym • s klasičnom prigušnicom • z klasično predstikalne naprave  
 \*\* elektroničus előtétellel • on electronic ballast • pour ballast électronique • trvalošč znamionova ze statecznikom elektronicznym • sa elektronskom prigušnicom • z elektronsko predstikalno naprave

Type	W	L <sub>max.</sub>	lm	CCT	Ra	t <sub>(h)</sub>		EEC	SKU	EAN	Fig.
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**ø26 mm PolyLux XL™**

F18W/840/XL	18	600	1350	4000	85	15000	1/25	A	512904	5994100118862	1
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**ø26 mm Standard**

15W	F33 Cool white	15	450	850	4100	58	9000	1/25	B	185060	9004100850610	1
118W	F29 Warm white	18	600	1150	2900	51	9000	1/25	B	185276	9004100852713	1
	F25 Natural	18	600	1100	4000	70	9000	1/25	B	185450	9004100854519	1
	F33 Cool white	18	600	1150	4100	58	9000	1/25	B	185332	9004100853314	1
	F74 Daylight	18	600	950	6200	76	9000	1/25	B	185550	9004100855516	1
36W	F29 Warm white	36	1200	2850	2900	51	9000	1/25	B	185916	9004100859118	1
	F25 Natural	36	1200	2600	4000	70	9000	1/25	B	186060	9004100860619	1
	F33 Cool white	36	1200	2850	4100	58	9000	1/25	B	185973	9004100859712	1
	F74 Daylight	36	1200	2350	6200	76	9000	1/25	B	186152	9004100861517	1
58W	F29 Warm white	58	1500	4600	2900	51	9000	1/25	B	186650	9004100866512	1
	F25 Natural	58	1500	4100	4000	70	9000	1/25	B	188810	9004100888118	1
	F33 Cool white	58	1500	4600	4100	58	9000	1/25	B	187712	9004100877112	1
	F74 Daylight	58	1500	3750	6200	76	9000	1/25	B	190050	9004100900513	1

**ø38 mm**

20W	F29 Warm white	20	600	1150	2900	51	9000	1/25	B	182005	9004100820019	2
	F33 Cool white	20	600	1150	4100	58	9000	1/25	B	182037	9004100820316	2
	F74 Daylight	20	600	950	6200	76	9000	1/25	B	511672	5994100116721	2
40W	F29 Warm white	40	1200	2950	2900	51	9000	1/25	B	182756	9004100827513	2
	F33 Cool white	40	1200	2950	4100	58	9000	1/25	B	182827	9004100828213	2
	F74 Daylight	40	1200	2450	6200	76	9000	1/25	B	511671	5994100116714	2
65W	F33 Cool white	65	1500	4750	4100	58	9000	1/25	B	184065	9004100840611	2
	F74 Daylight	65	1500	3900	6200	76	9000	1/25	B	184330	9004100843315	2

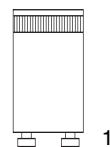
zöld ● green ● vert ● zielona ● zelena ● zelena

20W	20	600	–	–	–	9000	1/25	–	182334	9004100823317	2
40W	40	1200	–	–	–	9000	1/25	–	183264	9004100832616	2

kék ● blue ● bleu ● niebieska ● plava ● modra

20W	20	600	–	–	–	9000	1/25	–	182295	9004100822914	2
40W	40	1200	–	–	–	9000	1/25	–	183226	9004100832210	2

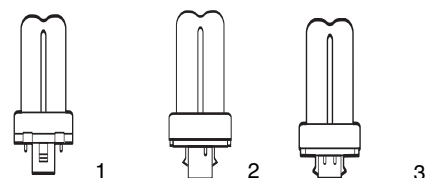
**Fénycsőgyújtók**  
**Starters**  
**Starters**  
**Zapłonniki**  
**Starteri**  
**Starterji**



Type		SKU	EAN	Fig.
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4-22W - 110V single or 220/240V twin	1/25	400530	9004100702919	1
	250	518912	5994100189121	1
	2000	519070		1
4-65W - 220/240V universal	1/25	400642	9004100702810	1
	250	517750	5994100177500	1
	2000	518546		1

**Kompakt fénycsövek beépített gyújtóval**  
**Compact Fluorescent Lamps with internal starter**  
**Lampes fluorescentes compactes avec starter interne**  
**Świetlówki kompaktowe ze starterem**  
**Fluokompaktne žarulje sa ugrađenim starterom**  
**Kompaktne fluorescenčne sijalke z vgrajenim starterjem**



Type	W		L <sub>max.</sub>	Im	CCT	Ra	t <sub>(h)</sub>		EEC	SKU	EAN	Fig.
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**FD**

FD7	F82	7	G23	136.8	425	2700	82	10000	1/10	B	509983	5994100099833	1
	F84	7	G23	136.8	425	4000	82	10000	1/10	B	509986	5994100099864	1
	F865	7	G23	136.8	425	6500	82	10000	1/10	B	511236	5994100112365	1
FD9	F82	9	G23	167.3	600	2700	82	10000	1/10	A	509984	5994100099840	1
	F84	9	G23	167.3	600	4000	82	10000	1/10	A	509985	5994100099857	1
	F865	9	G23	167.3	600	6500	82	10000	1/10	A	511237	5994100112372	1
FD11	F82	11	G23	237.3	900	2700	82	10000	1/10	A	509987	5994100099871	1
	F84	11	G23	237.3	900	4000	82	10000	1/10	A	510491	5994100104919	1
	F865	11	G23	237.3	900	6500	82	10000	1/10	A	511238	5994100112389	1

**FD-D**

FD-D10	F82	10	G24d-1	108.5	600	2700	82	10000	1/10	B	170215	9004100702117	2
	F83	10	G24d-1	108.5	600	3000	82	10000	1/10	B	170240	9004100702414	2
	F84	10	G24d-1	108.5	600	4000	82	10000	1/10	B	189852	9004100898513	2
	F865	10	G24d-1	108.5	600	6500	82	10000	1/10	B	195600	9004100956015	2
FD-D13	F82	13	G24d-1	133	900	2700	82	10000	1/10	A	170223	9004100702230	2
	F83	13	G24d-1	133	900	3000	82	10000	1/10	A	170250	9004100702513	2
	F84	13	G24d-1	133	900	4000	82	10000	1/10	A	189862	9004100898612	2
	F865	13	G24d-1	133	900	6500	82	10000	1/10	A	195630	9004100956312	2
FD-D18	F82	18	G24d-2	154	1200	2700	82	10000	1/10	B	170233	9004100702339	2
	F83	18	G24d-2	154	1200	3000	82	10000	1/10	B	170263	9004100702612	2
	F84	18	G24d-2	154	1200	4000	82	10000	1/10	B	189873	9004100898711	2
	F865	18	G24d-2	154	1200	6500	82	10000	1/10	B	195680	9004100956817	2
FD-D26	F82	26	G24d-3	169.5	1710	2700	82	10000	1/10	B	190373	9004100903712	2
	F83	26	G24d-3	169.5	1710	3000	82	10000	1/10	B	170272	9004100702711	2
	F84	26	G24d-3	169.5	1710	4000	82	10000	1/10	B	189883	9004100898810	2
	F865	26	G24d-3	169.5	1710	6500	82	10000	1/10	B	195662	9004100956619	2

**FD-D/E - Külső gyújtó szükséges**

**FD-D/E - External starter required**

**FD-D/E - Starter externe requis**

**FD-D/E - Potrzebny zewnętrzny starter**

**FD-D/E - Potreban je eksterni starter**

**FD-D/E - Potreben je zunanji starter**

Type	W		L <sub>max.</sub>	Im	CCT	Ra	t <sub>(h)</sub>		EEC	SKU	EAN	Fig.
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FD-D/E18	F84	18	G24q-2	146.5	1200	4000	82	12000	1/10	B	516865	5994100168652	3
FD-D/E26	F84	26	G24q-3	162	1710	4000	82	12000	1/10	B	516866	5994100168669	3

**2D típusú kompakt fénycsövek**

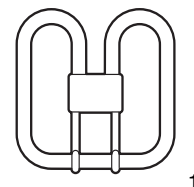
**Compact Fluorescent Lamps - 2D**

**Lampes fluorescentes compactes - 2D**

**Świetlówki kompaktowe -2D**

**Fluokompaktne žarulje - 2D**

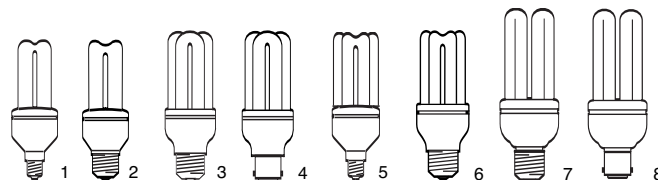
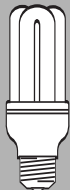
**Kompaktne fluorescenčne sijalke - 2D**



Type	W		L <sub>max.</sub>	Im	CCT	Ra	t <sub>(h)</sub>		EEC	SKU	EAN	Fig.
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F16DD/835/2P	16	GR8	141	1050	3500	82	8000	20	B	518749	5994100147497	1
F16DD/835/4P	16	GR10q	141	1050	3500	82	8000	20	B	518750	5994100147503	1
F28DD/835/4P	28	GR10q	204	2250	3500	82	8000	20	B	514751	5994100147510	1
F38DD/835/4P	38	GR10q	204	3000	3500	82	8000	20	B	514752	5994100147527	1

**Elektronikus előtéttel egybeépített kompakt fénycsövek**  
**Compact Fluorescent Lamps with Built-in Electronic Ballast**  
**Lampes fluorescentes compactes avec ballast électronique incorporé**  
**Świetłówki kompaktowe zintegrowane ze statecznikiem elektronicznym**  
**Fluokompaktne żarówki sa ugrađenim elektronskim balastom**  
**Kompaktne fluorescenčne sijalke z vgrajeno elektronsko predstikalno napravo**



**EXTRA MINI - 15000 hours**

Type	W	V		L <sub>max.</sub>	lm	CCT	Ra	t <sub>(h)</sub>		EEC	SKU	EAN	Fig.
E6 9W/XM/F82 E14	9	220/240	E14	116	480	2700	82	15000	1/10	A	515047	5994100150473	5
E6 9W/XM/F82 E27	9	220/240	E27	115	480	2700	82	15000	1/10	A	515048	5994100150480	6
E6 11W/XM/F82 E14	11	220/240	E14	116	600	2700	82	15000	1/10	A	515049	5994100150497	5
E6 11W/XM/F82 E27	11	220/240	E27	115	600	2700	82	15000	1/10	A	515050	5994100150503	6
E6 15W/XM/F82 E27	15	220/240	E27	128	900	2700	82	15000	1/10	A	515051	5994100150510	6
E6 15W/XM/F86 E27	15	220/240	E27	128	900	6500	82	15000	1/10	A	515054	5994100150541	6
E6 20W/XM/F82 E27	20	220/240	E27	143	1200	2700	82	15000	1/10	A	515055	5994100150558	6
E6 20W/XM/F86 E27	20	220/240	E27	143	1200	6500	82	15000	1/10	A	515058	5994100150589	6
E8 23QBx/XM F82 E27	23	220/240	E27	149	1500	2700	82	15000	1/10	A	517903	5994100179030	7
E8 23QBx/XM F84 E27	23	220/240	E27	149	1500	4000	82	15000	1/10	A	517904	5994100179047	7
E8 23QBx/XM F86 E27	23	220/240	E27	149	1500	6500	82	15000	1/10	A	517905	5994100179054	7
E8 23QBx/XM F82 B22	23	220/240	B22	149	1500	2700	82	15000	1/10	A	517906	5994100179061	8
E8 23QBx/XM F84 B22	23	220/240	B22	149	1500	4000	82	15000	1/10	A	517907	5994100179078	8
E8 23QBx/XM F86 B22	23	220/240	B22	149	1500	6500	82	15000	1/10	A	517908	5994100179085	8

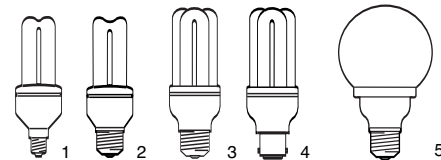
**MINI ECO - 6000 hours**

Type	W	V		L <sub>max.</sub>	lm	CCT	Ra	t <sub>(h)</sub>		EEC	SKU	EAN	Fig.
E6 9W/ME/F82 E14	9	220/240	E14	117	405	2700	82	6000	1/6	A	518647	5994100186472	5
E6 9W/ME/F82 E27	9	220/240	E27	117	405	2700	82	6000	1/6	A	518648	5994100186489	6
E6 11W/ME/F82 E14	11	220/240	E14	126	580	2700	82	6000	1/6	A	518649	5994100186496	5
E6 11W/ME/F82 E27	11	220/240	E27	126	580	2700	82	6000	1/6	A	518650	5994100186502	6
E6 15W/ME/F82/E27	15	220/240	E27	128.5	800	2700	82	6000	1/6	A	519054	5994100190547	6
E6 15W/ME/F84/E27	15	220/240	E27	128.5	800	4000	82	6000	1/6	A	519055	5994100190554	6
E6 20W/ME/F82/E27	20	220/240	E27	143.5	1150	2700	82	6000	1/6	A	519056	5994100190561	6
E6 20W/ME/F84/E27	20	220/240	E27	143.5	1150	4000	82	6000	1/6	A	519057	5994100190578	6



**ECO - 6000 hours**

Type	W	V		L <sub>max.</sub>	lm	CCT	Ra	t <sub>(h)</sub>		EEC	SKU	EAN	Fig.
E4 9W F82 E14 6Y	9	220/240	E14	138	490	2700	82	6000	1/10	A	518536	5994100160298	1
E4 9W F82 E27 6Y	9	220/240	E27	138	490	2700	82	6000	1/10	A	518537	5994100160304	2
E4 11W F82 E14 6Y	11	220/240	E14	149	610	2700	82	6000	1/10	A	518540	5994100160311	1
E4 11W F82 E27 6Y	11	220/240	E27	149	610	2700	82	6000	1/10 blister	A	518480	-	2
E4 11W F82 E27 6Y	11	220/240	E27	149	610	2700	82	6000	1/10	A	518541	5994100160045	2
E4 11W F82 B22 6Y	11	220/240	E27	149	610	2700	82	6000	1/10	A	519458	-	2
E6 15W F82 E27 6Y	15	220/240	E27	140.5	900	2700	82	6000	1/10	A	516005	5994100160052	3
E6 15W F865 E27 6Y	15	220/240	E27	140.5	900	6500	82	6000	1/10	A	516006	5994100160069	3
E6 15W F865 B22 6Y	15	220/240	B22	139.5	900	6500	82	6000	1/10	A	516007	5994100160076	4
E6 20W F82 E27 6Y	20	220/240	E27	155	1200	2700	82	6000	1/10	A	516008	5994100160083	3
E6 20W F865 E27 6Y	20	220/240	E27	155	1200	6500	82	6000	1/10	A	516009	5994100160090	3
E6 20W F865 B22 6Y	20	220/240	B22	154	1200	6500	82	6000	1/10	A	516010	5994100160106	4
E6 23W F82 E27 6Y	23	220/240	E27	165	1500	2700	82	6000	1/10	A	516011	5994100160113	3
E6 23W F865 E27 6Y	23	220/240	E27	165	1500	6500	82	6000	1/10	A	516012	5994100160120	3
E6 23W F865 B22 6Y	23	220/240	B22	164	1500	6500	82	6000	1/10	A	516013	5994100160137	4



**Elektronikus előtéttel egybeépített kompakt fénycsövek**  
**Compact Fluorescent Lamps with Built-in Electronic Ballast**  
**Lampes fluorescentes compactes avec ballast électronique incorporé**  
**Świetlówki kompaktowe zintegrowane ze statecznikiem elektronicznym**  
**Fluokompaktne žarulje sa ugrađenim elektronskim balastom**  
**Kompaktne fluorescenčne sijalke z vgrajeno elektronsko predstikalno napravo**



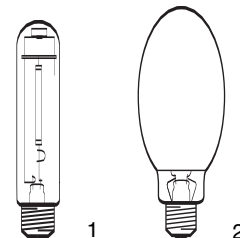
**START 3.000 h**

Type	W	V		L <sub>max.</sub>	Im	CCT	Ra	t <sub>(h)</sub>		EEC	SKU	EAN	Fig.
E4 11W F82 E14 3Y	11	220/240	E14	149	610	2700	82	3000	10	A	518538	5994100160267	1
E4 11W F82 E27 3Y	11	220/240	E27	149	610	2700	82	3000	10	A	518539	5994100159971	2
E6 15W F82 E27 3Y	15	220/240	E27	140.5	900	2700	82	3000	10	A	515998	5994100159988	3
E6 15W F84 E27 3Y	15	220/240	E27	140.5	900	4000	82	3000	10	A	517451	5994100174516	3
E6 15W F865 E27 3Y	15	220/240	E27	140.5	900	6500	82	3000	10	A	515999	5994100159995	3
E6 15W F865 B22 3Y	15	220/240	B22	139.5	900	6500	82	3000	10	A	516027	5994100160274	4
E6 20W F82 E27 3Y	20	220/240	E27	156.5	1200	2700	82	3000	10	A	516000	5994100160007	3
E6 20W F82 E27 3Y	20	220/240	E27	156.5	1200	2700	82	3000	2/20	A	517449	5994100174493	3
E6 20W F84 E27 3Y	20	220/240	E27	156.5	1200	4000	82	3000	10	A	516001	5994100160014	3
E6 20W F84 E27 3Y	20	220/240	E27	156.5	1200	4000	82	3000	4/20	A	518391	5994100183914	3
E6 20W F865 E27 3Y	20	220/240	E27	156.5	1200	6500	82	3000	10	A	516002	5994100160021	3
E6 20W F865 B22 3Y	20	220/240	B22	154	1200	6500	82	3000	10	A	516028	5994100160281	4

**GLOBE - 10000 hours**

Type	W	V		L <sub>max.</sub>	Im	CCT	Ra	t <sub>(h)</sub>		EEC	SKU	EAN	Fig.
<b>ø 92 mm</b>													
E6/15G-92 F82	15	220/240	E27	152	750	2700	82	10000	1/6	B	507959	5994100079590	5
<b>ø 118 mm</b>													
E6/20G-118 F82	20	220/240	E27	180	1050	2700	82	10000	1/6	B	507957	5994100079576	5

**Nagynyomású nátriumlámpák**  
**High Pressure Sodium Lamps**  
**Lampes à décharge sodium haute pression**  
**Wysokoprężne lampy sodowe**  
**Visokotlačne natrijeve žarulje**  
**Visokotlačne natrijeve sijalke**



Type	W		L <sub>max.</sub>	LCL	Ø	lm	CCT	Ra	t <sub>(h)</sub>		SKU	EAN	Fig.
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**LUCALOX™ T**

világos ● clear ● claire ● przezroczysta ● bistra ● bistra

LU50/90/T/27	50	E27	156	97	38.5	3400	2000	25	28500	1/25	176260	9004100762616	1
LU70/90/T12/27	70	E27	156	97	38.5	6000	2000	25	28500	1/25	176210	9004100762111	1
LU100/100/T/40	100	E40	211	133	48	9600	2000	25	28500	1/12	516983	-	1
LU150/100/T/40	150	E40	211	133	48	15000	2000	25	28500	1/12	512876	5994100128762	1
LU250/T/40	250	E40	260	158	48	27500	2000	25	28500	1/12	512877	5994100128779	1
LU400/T/40	400	E40	283	175	48	50000	2000	25	28500	1/12	512878	5994100128786	1
TC 1000W	1000	E40	372	240	67	130000	2000	25	24000	1/4	506936	5994100069362	1

**LUCALOX™ T START**

világos ● clear ● claire ● przezroczysta ● bistra ● bistra

LU 50/90/T/E27/TU/START	50	E27	156	97	38.5	2890	2000	25	12000	1/25	520516	-	1
LU 70/90/T12/E27/TU/START	70	E27	156	97	38.5	5100	2000	25	12000	1/25	520518	-	1
LU 100/100/T/E40/TU/START	100	E40	211	133	48	8160	2000	25	12000	1/12	520520	-	1
LU 150/100/T/E40/TU/START	150	E40	211	133	48	12750	2000	25	12000	1/12	520522	-	1
LU 250/TE/40/TU/START	250	E40	260	158	48	23375	2000	25	14000	1/12	520088	-	1
LU 400/T/E40/TU/START	400	E40	283	175	48	40800	2000	25	14000	1/12	520090	-	1

**LUCALOX™ E**

diffúz ● diffuse ● poudrée ● rozpraszająca ● difuzna ● difuzna

LU50/90/D/27	50	E27	156	-	72	3300	2000	25	28500	1/12	176120	9004100761213	2
LU70/90/D/27	70	E27	156	-	72	5800	2000	25	28500	1/12	176110	9004100761114	2
LU100/100/D/40	100	E40	211	-	186	9200	2000	25	28500	1/12	516984	-	2
LU150/100/D/40	150	E40	227	-	91	14500	2000	25	28500	1/12	176880	9004100768816	2
LU250/D/40	250	E40	227	-	91	26000	2000	25	28500	1/12	177230	9004100772318	2
LU400/D/40	400	E40	282	-	122	47500	2000	25	28500	1/12	177240	9004100772417	2
TCL 1000W	1000	E40	372	-	162	120000	2000	25	24000	1	177766	9004100777610	2

**LUCALOX™ E START**

diffúz ● diffuse ● poudrée ● rozpraszająca ● difuzna ● difuzna

LU 50/90/D/E27/TU/START	50	E27	156	-	72	2805	2000	25	12000	1/12	520517	-	2
LU 70/90/D/E27/TU/START	70	E27	156	-	72	4930	2000	25	12000	1/12	520519	-	2
LU 100/100/D/E40/TU/START	100	E40	186	-	78	7820	2000	25	12000	1/12	520521	-	2
LU 150/100/D/E40/TU/START	150	E40	227	-	91	12325	2000	25	12000	1/12	520523	-	2
LU 250/D/E40/TU/START	250	E40	227	-	91	22100	2000	25	14000	1/12	520090	-	2
LU 400/D/E40/TU/START	400	E40	282	-	122	40800	2000	25	12000	1/6	520091	-	2

**Lucalox™ I Belső gyújtóval**  
**Lucalox™ I Internal Ignitor**  
**Lucalox™ I Amorceur interne**  
**Lucalox™ I Zapłonnik wewnętrzny**  
**Lucalox™ I Ugrađeni starter**  
**Lucalox™ I Vgrajena vžigalna naprava**

diffúz ● diffuse ● poudrée ● rozpraszająca ● difuzna ● difuzna

LU70/90/D/I/E27	70	E27	156	-	72	5800	2000	25	12000	1/12	518906	-	1
LU 70/90/D/I/E27/TU/START	70	E27	156	-	72	4930	2000	25	12000	1/12	520515	5994100189060	1

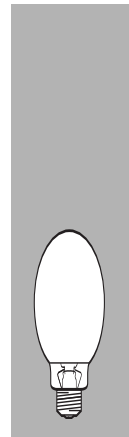
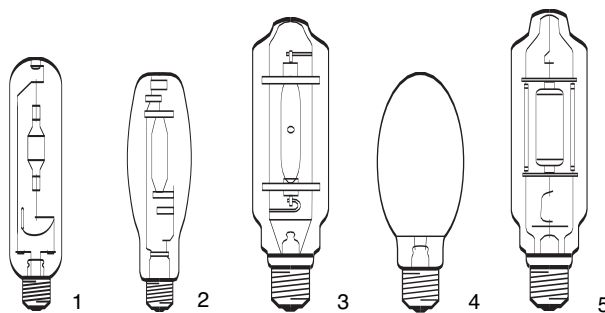
**120V-os hálózatról elektronikus előtéttel üzemeltetendők**  
**for 120V Mains and Electronic Ballast**  
**pour secteur 120V avec ballast électronique spécial**  
**eksploatowane z sieci o napięciu 120V**  
**za mrežni napon 120V i rad sa elektronskom prigušnicom**  
**z elektronsko predstikalno napravo za omrežno napetost 120V**

diffúz ● diffuse ● poudrée ● rozpraszająca ● difuzna ● difuzna

TCED 35W/120V	35	E27	141	-	55	2150	1900	-	9000	1/24	176222	9004100762210	1
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**Nappali fényű fémhalogénlámpák**  
**Daylight Metal Halide Lamps**  
**Lampes aux iodures métalliques lumière du jour**  
**Lampy metalo-halogenkowe o świetle dziennym**  
**Metal halogene žarulje sa dnevnom svjetlošću**  
**Metal-halogene sijalke z dnevno svetlobo**



Type	W		L <sub>max.</sub>	LCL	∅	lm	CCT	Ra	t <sub>(h)</sub>		SKU	EAN	Fig.
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**230V**



± 45°

világos ● clear ● claire ● przezroczysta ● bistra ● bistra

HgMI 250W/DH	250	E40	220	150	52	19000	6000	93	10000	1/12	177890	9004100778914	1
HgMIF 400W/DH	400	E40	270	175	59	25000	6000	90	10000	1/12	178074	9004100780719	2



± 45°

világos ● clear ● claire ● przezroczysta ● bistra ● bistra

HgMI 250W/DV	250	E40	220	150	52	20500	6000	93	10000	1/12	178380	9004100783819	1
HgMIF 400W/DV	400	E40	270	175	59	28000	6000	90	10000	1/12	178094	9004100780917	2



± 60°

világos ● clear ● claire ● przezroczysta ● bistra ● bistra

HgMI 1000W/D1	1000	E40	340	205	80	80000	6000	>90	8000	1/4	517307	5994100173076	3
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± 45°

diffúz ● diffuse ● poudrée ● rozpraszająca ● difuzna ● difuzna

HgMIL 250W/DV	250	E40	227	-	90	17000	6000	93	10000	1/12	178480	9004100784816	4
HgMIL 400W/DV	400	E40	292	-	121	26000	6000	90	10000	1/4	514306	5994100143062	4



± 45°

diffúz ● diffuse ● poudrée ● rozpraszająca ● difuzna ● difuzna

HgMIL 250W/DH	250	E40	227	-	90	17000	6000	93	10000	1/12	177910	9004100779119	4
HgMIL 400W/DH	400	E40	292	-	120	24000	6000	90	10000	1/4	514305	5994100143055	4



± 60°

diffúz ● diffuse ● poudrée ● rozpraszająca ● difuzna ● difuzna

HgMIL 1000W/D	1000	E40	380	-	160	68000	6000	93	8000	1/4	178534	9004100785318	4
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**400V**



± 60°

világos ● clear ● claire ● przezroczysta ● bistra ● bistra

HgMI 2000W/D1	2000	E40	430	260	101	170000	6000	93	5000	1/4	178615	9004100786117	5
HgMIG 2000W/D	2000	E40	430	260	101	170000	6000	93	5000	1/4	178653	9004100786513	5
HgMI 3500W/D1	3500	E40	430	260	101	300000	6000	93	500	1/4	178665	9004100786612	5

D1: megfelelő lehűlési idő után gyújtható újra. G: gyújtókészülék nélkül használandó

D1: can be restarted following a cool-off period. G: strictly for use without starting device.

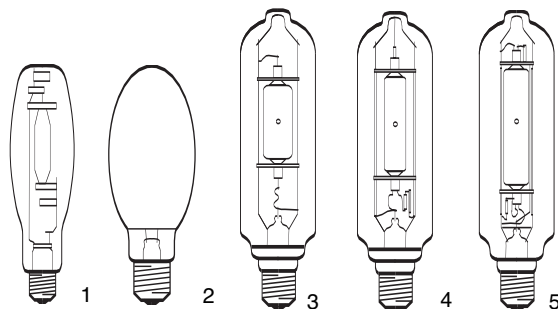
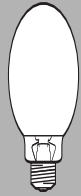
D1: réamorçage après une période d'attente. G: l'emploi d'un dispositif d'amorçage est inadmissible.

D1: powtórny zapłon możliwy po ostygnięciu lampy. G: przeznaczony do układu bez urządzenia zapłonowego.

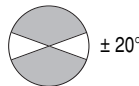
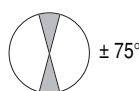
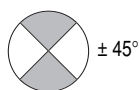
D1: ponovno paljenje poslije perioda hladenja. G: isključivo za upotrebu bez propaljivača

D1: možen ponovni vžig po preteku časa za ohladitev. G: za uporabo izključno brez vžigalne naprave.

**Természetes fehér fényű fémhalogénlámpák**  
**Neutral White Metal Halide Lamps**  
**Lampes aux iodures métalliques lumière blanche neutre**  
**Lampy metalo-halogenkowe o neutralnym białym świetle**  
**Neutralno bijele metal halogene žarulje**  
**Nevtralnno bele metal-halogene sijalke**



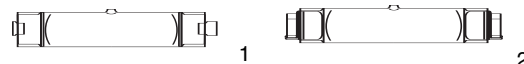
Type	W		L <sub>max.</sub>	LCL	Ø	Im	CCT	Ra	t <sub>(h)</sub>		SKU	EAN	Fig.
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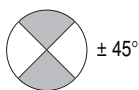
világos ● clear ● claire ● przezroczysta ● bistra ● bistra													
HgMIF 400W	400	E40	270	175	59	30000	4000	65	10000	1/12	178364	9004100783611	1
diffúz ● diffuse ● poudrée ● rozpraszająca ● difuzna ● difuzna													
HgMIL 400W TU	400	E40	292	-	120	27000	4000	65	10000	1/6	514304	5994100143048	2
világos ● clear ● claire ● przezroczysta ● bistra ● bistra													
HgMI 2000W/220V	2000	E40	430	287	101	180000	4000	65	2000	1/4	178554	9004100785516	3
HgMI 2000W/380V	2000	E40	430	260	101	190000	4000	65	2000	1/4	178584	9004100785813	4
világos ● clear ● claire ● przezroczysta ● bistra ● bistra													
HgMIG 2000W/S	2000	E40	430	260	101	210000	3500	65	3500	1/4	178633	9004100786315	5

G: gyújtókészülék nélkül használandó  
 G: strictly for use without starting device  
 G: l'emploi d'un dispositif d'amorçage est inadmissible.  
 G: przeznaczone do układu bez urządzenia zapłonowego.  
 G: isključivo za upotrebu bez propaljivača.  
 G: za uporabo izključno brez vžigalne naprave.

**Két végén fejt fémhalogénlámpák**  
**Double-Ended Metal Halide Lamps**  
**Lampes aux iodures métalliques double culots**  
**Lampy metalo-halogenkowe dwustronnie trzonkowe**  
**Metal halogene žarulje sa dva podnoška**  
**Metal-halogene sijalke z dvojnim vzožkoma**

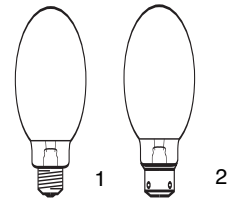


Type	W		L <sub>max.</sub>	LCL	Ø	Im	CCT	Ra	t <sub>(h)</sub>		SKU	EAN	Fig.
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világos ● clear ● claire ● przezroczysta ● bistra ● bistra													
HgMIS70W/WDL	70	R7s	120	57	20	5500	3000	75-80	8000	1/12	190382	9004100903811	1
HgMIS70W/BDL	70	R7s	120	57	20	5500	3500	75-80	8000	1/12	178500	9004100785011	1
HgMIS70W/NDL	70	R7s	120	57	20	5500	4200	75-80	8000	1/12	178142	9004100781419	1
HgMIS150W/WDL	150	R7s	132	66	24	11000	3200	80	8000	1/12	178165	9004100781617	1
HgMIS150W/BDL	150	R7s	132	66	24	12000	3500	75-80	8000	1/12	178010	9004100780115	1
HgMIS150W/NDL	150	R7s	1132	66	24	11000	4200	70	8000	1/12	178394	9004100783918	1
HgMIS150W/D	150	R7s	132	66	24	11000	5200	90	8000	1/12	178150	9004100781518	1
HgMIS150W/AQUA	150	R7s	132	66	24	11000	6500	80	8000	1/12	190960	9004100909615	1
HgMIS250W/WDL	250	Fc2/18	163	81.5	25	20000	3200	75	8000	1/12	178374	9004100783710	2
HgMIS250W/NDL	250	Fc2/18	163	81.5	25	20000	4200	75	8000	1/12	190412	9004100904115	2
zöld ● green ● vert ● zielona ● zelena ● zelena													
HgMI150W/GREEN	150	R7s	132	66	25				6000	1/12	514571	5994100145714	1
kék ● blue ● bleu ● niebieska ● plava ● modra													
HgMI150W/BLUE	150	R7s	132	66	25				6000	1/12	514572	5994100145721	1
narancssárga ● orange ● orange ● pomarańczowa ● narančasta ● oranžna													
HgMI150W/ORANGE	150	R7s	132	66	25				6000	1/12	514573	5994100145738	1
magenta ● magenta ● magenta ● magenta ● magenta ● magenta													
HgMI150W/MAGENTA	150	R7s	132	66	25				6000	1/12	514574	5994100145745	1

**Nagynyomású higanygőzlámpák**  
**High Pressure Mercury Vapour Lamps**  
**Lampes à vapeur de mercure à haute pression**  
**Wysokoprężne lampy rtęciowe**  
**Visokotlačne živine žarulje**  
**Visokotlačne živosrebrne sijalke**



Type	W		L <sub>max.</sub>	Ø	lm	CCT	Ra	t <sub>(h)</sub>		SKU	EAN	Fig.
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**STANDARD**

lágy üveg ● soft glass bulb ● ampoule en verre normal ● szkło miękkie ● mekano staklo ● mehko steklo

HgLI 50W	50	E27	130	55	1800	4000	40	16000	1/40	513758	5994100137580	1
HgLI 80W	80	E27	156	70	3800	4000	40	20000	1/40	513153	5994100121534	1
HgLI 125W	125	E27	170	75	6300	4000	40	20000	1/24	512154	5994100121541	1
HgLI 125W	125	B22d-3	170	75	6300	3850	40	20000	1/24	512693	5994100126935	2

kemény üveg ● hard glass bulb ● ampoule en verre dur ● szkło twarde ● tvrdo staklo ● trdo steklo

HgLI 175W	175	E40	214	90	8100	4000	40	20000	1/12	505507	5994100055075	1
HgLI 250W	250	E40	227	90	13000	4000	40	20000	1/12	512155	5994100121558	1
HgLI 400W	400	E40	292	120	22500	4000	40	20000	1/12	512156	5994100121565	1

**START**

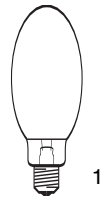
lágy üveg ● soft glass bulb ● ampoule en verre normal ● szkło miękkie ● mekano staklo ● mehko steklo

HgLI 125 START	125	E27	170	75	5040	4000	40	16000	1/24	518843	–	1
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kemény üveg ● hard glass bulb ● ampoule en verre dur ● szkło twarde ● tvrdo staklo ● trdo steklo

HgLI 250 START	250	E40	227	90	10400	4000	40	12000	1/12	520388	–	1
HgLI 400 START	400	E40	292	122	18000	4000	40	12000	1/12	518844	–	1

**Kevertfényű lámpák**  
**Blended Light Lamps**  
**Lampes à lumière mixte**  
**Lampy rtęciowo-żarowe**  
**Žarulje sa miješanim svjetlom**  
**Sijalke z mešano svetlobo**

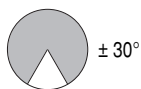


Type	W		L <sub>max.</sub>	Ø	lm	CCT	Ra	t <sub>(h)</sub>		SKU	EAN	Fig.
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diffúz ● diffuse ● poudrée ● rozpraszająca ● difuznia ● difuzna

HMLI 160W 220/230V160		E27	180	75	3000	4000	52	10000	1/40	85888	0043168858885	1
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HMLI 250W 220/230V250		E40	227	90	5500	4200	52	10000	1/12	85949	0043168859493	1
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VAT no.NIP 526-10-30-824  
Registration: REGON 011165913 KRS  
0000073794, Sad Rejonowy dla m. st.  
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Krajowego Rejestru Sadowego  
Initial capital: 9.365.500,00PLN  
Tel: (48 ) 22 519 42 15  
Fax: (48) 22 519 42 01

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