

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
Amps
Ampère
Amper
Amper
Amper



Fej
Cap
Culot
Trzonek
Podnožak
Vznožek

L_{max.}

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_(h)

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

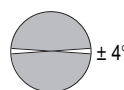
EAN

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

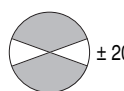
Égetési helyzet
Burning Position
Position de fonctionnement
Pozycja świecenia
Radni položaj žarulje
Delovni položaj žarnice



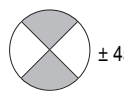
Tetszőleges
Any
Universelle
Dowolna
Proizvoljan
Poljuben



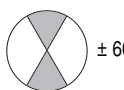
Vízszintes ± 4°
Horizontale ± 4°
Pozioma ± 4°
Horizontální ± 4°
Horizontalen ± 4°



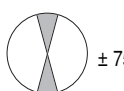
Vízszintes ± 20°
Horizontale ± 20°
Pozioma ± 20°
Horizontální ± 20°
Horizontalen ± 20°



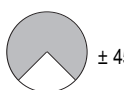
Vízszintes ± 45°
Horizontale ± 45°
Pozioma ± 45°
Horizontální ± 45°
Horizontalen ± 45°



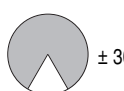
Vízszintes ± 60°
Horizontale ± 60°
Pozioma ± 60°
Horizontální ± 60°
Horizontalen ± 60°



Vízszintes ± 75°
Horizontale ± 75°
Pozioma ± 75°
Horizontální ± 75°
Horizontalen ± 75°



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



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

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

We reserve the right to alter specifications without prior notice or public announcement. Line drawings in this catalogue are not to scale.

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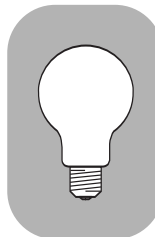
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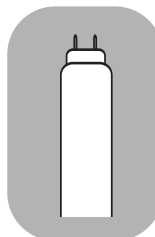
Izzólámpák
Incandescent Lamps
Lampes à incandescence
Żarówki
Žarulje sa žarnom niti
Žarnice z žarilno nitko



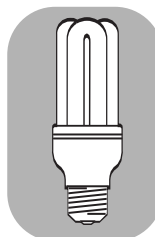
Halogénlámpák
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Halogene žarulje
Halogenske žarnice



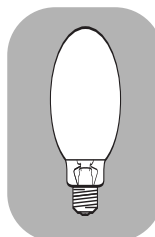
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Fluorescent Lamps
Lampes Fluorescentes
Świetlówki
Fluorescentne cijevi
Fluorescenčne cevi



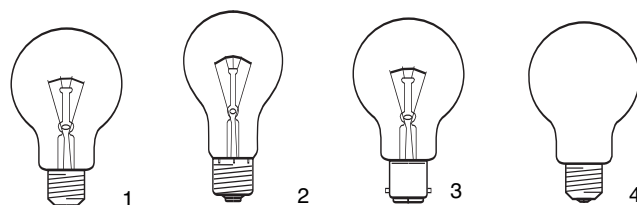
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Lampes fluorescentes compactes
Świetlówki kompaktowe
Fluokompaktne žarulje
Kompaktne fluorescenčne sijalke



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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 žarulje
Standardne žarnice



W	V		L _{max.}	∅	lm	t _(h)		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
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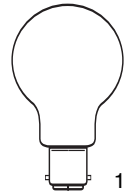
világos ● clear ● claire ● przezroczysta ● bistra ● bistra

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75	230	B22d	89.5	50	940	1000	1/10/120	E	516737	5994100167372	3
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	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
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	240	B22d	143	80	2990	1000	1/20	E	510432	9004100358710	3

belülhomályosított ● frosted ● dépolie ● matowana ● matirana ● matirana

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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
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	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
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	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
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	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
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	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

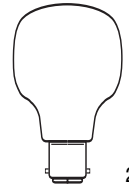
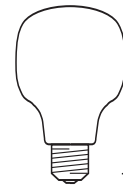


W	V		L _{max.}	Ø	lm	t _(h)		EEC	SKU	EAN	Fig.
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belülhomályosított ● frosted ● dépolie ● matowana ● matirana ● matirana

25	230	B22d	89.5	50	230	1000	1/10/120	E	516739	5994100167396	1
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	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
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	230	B22d	89.5	50	1340	1000	1/10/120	E	516743	5994100167433	1
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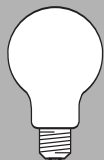
TUNGSRASOFT lámpák
Standard TUNGSRASOFT Lamps
Lampes standard TUNGSRASOFT
Žarówki TUNGSRASOFT
Standardne TUNGSRASOFT žarulje
Standardne žarnice TUNGSRASOFT



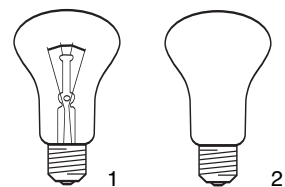
W	V		L _{max.}	Ø	lm	t _(h)		EEC	SKU	EAN	Fig.
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opál ● opal ● opalisée ● opalizowana ● opal ● opal

25	230	E27	105.5	60	200	1000	1/10/100	F	509633	9004100264516	1
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	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
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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



Kriptonlámipák
Krypton Lamps
Lampes krypton
Żarówki kryptonowe
Kriptionske žarulje
Kriptionske žarnice



W	V		L _{max.}	Ø	lm	t _(h)		EEC	SKU	EAN	Fig.
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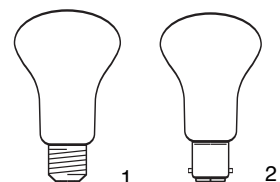
világos ● clear ● claire ● przezroczysta ● bistra ● bistra

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belülhomályosított ● frosted ● dépolie ● matowana ● matirana ● matirana

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

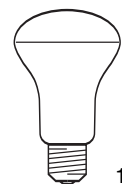


W	V		L _{max.}	Ø	lm	t _(h)		EEC	SKU	EAN	Fig.
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opál ● opal ● opalisée ● opalizowana ● opal ● opal

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



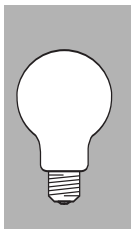
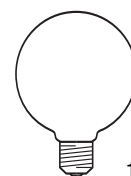
W	V		L _{max.}	Ø	lm	t _(h)		EEC	SKU	EAN	Fig.
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opalizált, szatírozott tetővel ● opal, top satinized ● opalisée, coupole satinée ● opalizowana z kopułą satynowaną

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 _{max.}	Ø	lm	t _(h)		EEC	SKU	EAN	Fig.
ø 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
ø 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
ø 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



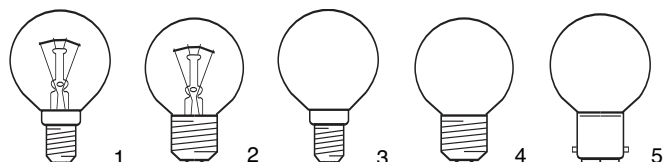
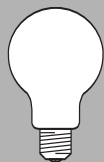
W	V		L _{max.}	Ø	lm	t _(h)		EEC	SKU	EAN	Fig.
opál ● opal ● opalisée ● opalizowana ● opal ● opal											
60	230	2xS14s	300	30	420	1500	1/25	G	509712	9004101511411	1
100	230	2xS14s	500	30	720	1500	1/25	G	509710	9004101507315	1
5	230	2xS14s	300	30	220	2500	1/25	G	509711	9004101508619	1
60	230	2xS14s	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 _{max.}	Ø	lm	t _(h)		EEC	SKU	EAN	Fig.
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világos ● clear ● claire ● przezroczysta ● bistra ● bistra

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

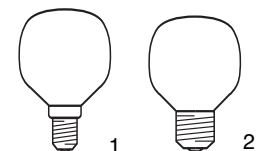
belülhomályosított ● frosted ● dépolie ● matowana ● matirana ● matirana

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

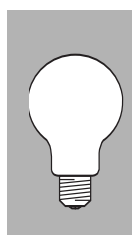
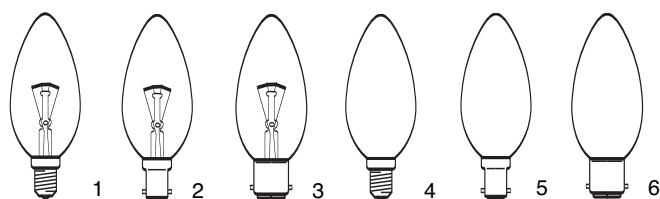


W	V		L _{max.}	Ø	lm	t _(h)		EEC	SKU	EAN	Fig.
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opál ● opal ● opalisée ● opalizowana ● opal ● opal

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
Świecówki
Svijeća žarulje
Svečaste žarnice



W	V		L _{max.}	∅	lm	t _(h)		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

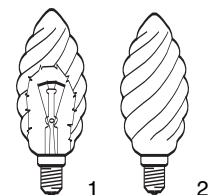
belülhomályosított ● frosted ● dépolie ● matowana ● matirana ● matirana

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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
Świecówki skręcone
Spiralne svijeća žarulje
Spiralne svečaste žarnice



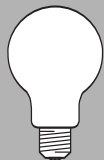
W	V		L _{max.}	∅	lm	t _(h)		EEC	SKU	EAN	Fig.
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világos ● clear ● claire ● przezroczysta ● bistra ● bistra

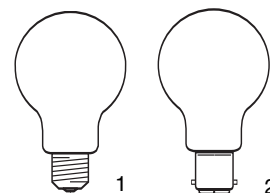
25	230	E14	100	35	200	1000	1/10/100	F	514309	9004100573618	1
40	230	E14	100	35	400	1000	1/10/100	E	514310	9004100576411	1
60	230	E14	100	35	660	1000	1/10/100	E	514311	9004100578910	1

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

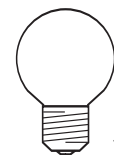


Színés normállámpa
Coloured Standard Lamps
Lampes standard couleur
Żarówki głównego szeregu kolorowe
Standardne obojone żarulje
Standardne barvaste žarnice



W	V		L _{max.}	Ø	lm	t _(h)		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



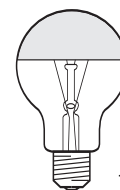
W	V		L _{max.}	Ø	lm	t _(h)		EEC	SKU	EAN	Fig.
piros ● red ● rouge ● czerwona ● crvena ● rdeča											
15	230	E27	74	45	–	1000	1/10/100	–	510310	9004100467412	1
narancssárga ● orange ● orange ● pomarańczowa ● narančasta ● oranžna											
15	230	E27	74	45	–	1000	1/10/100	–	510872	9004100468310	1
sárga ● 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 _{max.}	Ø	lm	t _(h)		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

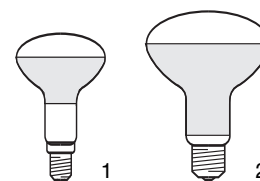


W	V		L _{max.}	Ø	Im	t _(h)		EEC	SKU	EAN	Fig.
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világos, ezüstsínű buratetővel ● clear, top silver mirrored ● claire, coupole argentée ● przezroczysta, odbłyśnik w kolorze srebrnym
 bistra s posrebrnim vrhom ● bistra s posrebrnim vrhom

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 _{max.}	Ø	Cd		t _(h)		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

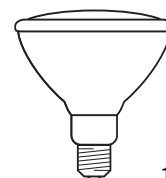
R80 (ø 80 mm)

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 _{max.}	∅	Cd		t _(h)		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 _{max.}	∅	Cd		t _(h)		SKU	EAN	Fig.
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SPOT

világos ● clear ● claire ● przezroczysta ● bistra ● bistra

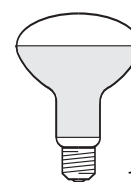
80	230	E27	136	122	5400	12	2000	1/10	510363	9004100682617	1
	240	E27	136	122	5400	12	2000	1/10	510368	9004100683317	1
120	230	E27	136	122	7000	12	2000	1/10	510360	9004100689319	1
	240	E27	136	122	7000	12	2000	1/10	510365	9004100689814	1

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 _{max.}	∅	t _(h)		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

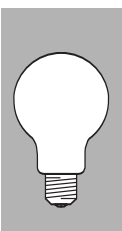
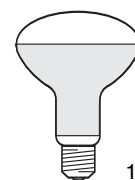
INFRARUBIN

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

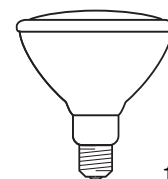
150	235/245	E27	180	125	6000	1/10	509701	9004100426716	1
250	235/245	E27	180	125	6000	1/10	509715	9004100429519	1

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

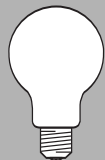


W	V		L _{max.}	∅	t _(h)		SKU	EAN	Fig.
R63 (∅ 63 mm)									
piros ● red ● rouge ● czerwona ● crvena ● rdeča									
40	230	E27	103	63	1000	1/10/50	510402	9004101900512	1
sárga ● yellow ● jaune ● žółta ● žuta ● rumena									
40	230	E27	103	63	1000	1/10/50	510417	9004101902110	1
zöld ● green ● vert ● 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
R80 (∅ 80 mm)									
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

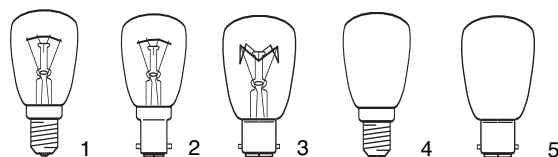
Színés TUNGSRAPAR 38-ES lámpák
Coloured TUNGSRAPAR 38-ES
Lampes TUNGSRAPAR 38-ES couleurs
TUNGSRAPAR 38-ES kolorowe
Obojene TUNGSRAPAR 38-ES
Barvaste TUNGSRAPAR 38-ES



W	V		L _{max.}	∅		t _(h)		SKU	EAN	Fig.
SPOT										
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
FLOOD										
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 _{max.}	Ø	lm	t _(h)		EEC	SKU	EAN	Fig.
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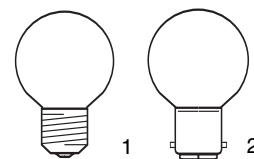
világos ● clear ● claire ● przezroczysta ● bistra ● bistra

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 _{max.}	Ø	lm	t _(h)		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

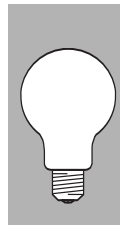
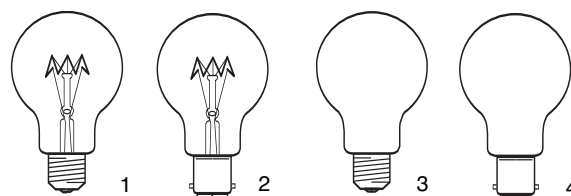
zöld ● green ● vert ● zielona ● zelena ● zelena

-	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

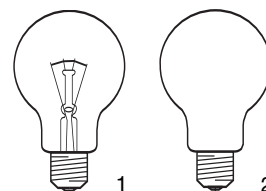
-	230	E27	74	45	-	1000	1/10/100	-	510281	9004100464411	1
-	240	B22d	73	45	-	1000	1/10/100	-	510277	9004100476513	2

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



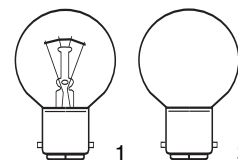
W	V		L _{max.}	Ø	lm	t _(h)		EEC	SKU	EAN	Fig.
világos ● clear ● claire ● przezroczysta ● bistra ● bistra											
60	120/125	E27	105.5	60	610	1000	1/10/100	F	143992	-	1
	230	E27	105.5	60	500	1000	1/100	G	508103	9004100440118	1
	240	E27	105.5	60	500	1000	1/100	G	508102	9004100440910	1
100	120/125	E27	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



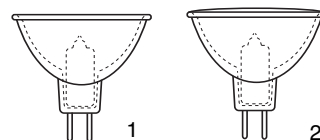
W	V		L _{max.}	Ø	lm	t _(h)		EEC	SKU	EAN	Fig.
világos ● clear ● claire ● przezroczysta ● bistra ● bistra											
25	24	E27	105.5	60	320	1000	1/10/100	C	508160	9004100090016	1
40	24	E27	105.5	60	580	1000	1/10/100	D	508161	9004100092317	1
	42	E27	105.5	60	520	1000	1/10/100	D	510613	9004100093017	1
60	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 _{max.}	Ø	lm	t _(h)		EEC	SKU	EAN	Fig.
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

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 _(h)		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 _(h)		SKU	EAN	Fig.
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ø 50 mm

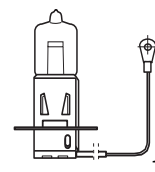
nyitott hidegtükör ● open dichroic mirror ● miroir dichroïque ouvert ● odbłyśnik otwarty ● otvoreno dikroik ogledalo ● odprto dikroično zrcalo

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

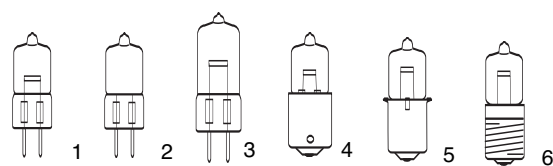


Type	W	V		L _{max.}	Ø	LCL	Im	t _(h)		SKU	Fig.
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világos ● clear ● claire ● przezroczysta ● bistra ● bistra

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 bance ze szkła nieprzepuszczającego promieniowania UV-CONTROL ● **u UV-CONTROL staklenom balonu** ● **v steklenem balonu UV-CONTROL**

Type	W	V		L _{max.}	Ø	LCL	Im	t _(h)		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 bance ze szkła twardego** ● **u balonu od tvrdog stakla** ● **v balonu iz trdega stekla**

Type	W	V		L _{max.}	Ø	LCL	Im	t _(h)		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 _{max.}	Ø	LCL	Im	t _(h)		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 _{max.}	Ø	LCL	Im	t _(h)		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

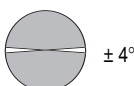


Type	W	V		L _{max.}	Ø	CCT	lm	t _(h)		EEC	SKU	EAN	Fig.
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világos ● clear ● claire ● przezroczysta ● bistra ● bistra													
51780	100	230	R7s	78.3	8	2900	1600	2000	1/10/100	D	509453	5994100094531	1
51110	150	230	R7s	78.3	8	2900	2600	2000	1/10/100	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
	150	240	R7s	117.6	8	2900	2100	2000	1/10/100	E	509460	5994100094609	2
								1500	1/10 blister	E	510428	5994100104285	2
									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
	250	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

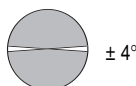


HALO-T egy végén fejezt, hálózati feszültségű halogénlámpák
Mains voltage Single Ended HALO-T lamps
Lampes aux halogènes pour tension secteur, mono culot HALO-T
Żarówki halogenowe napięcia sieciowego jednostronnie trzonkowane HALO-T
HALO-T halogene žarulje sa jednim podnoškom za mrežni napon
HALO-T Halogenске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

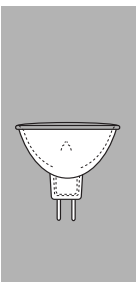
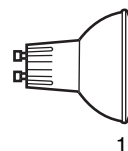


Type	W	V		L _{max.}	Ø	lm	t _(h)		EEC	SKU	EAN	Fig.
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világos ● clear ● claire ● przezroczysta ● bistra ● bistra												
51010	500	230	E40	215	38	9500	2000	1/10	D	174650	9004100746517	1
		240	E40	215	38	9500	2000	1/10	D	174660	9004100746616	1
51030	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

W	V		L_{max.}	CCT		Cd	t_(h)		SKU	EAN	Fig.
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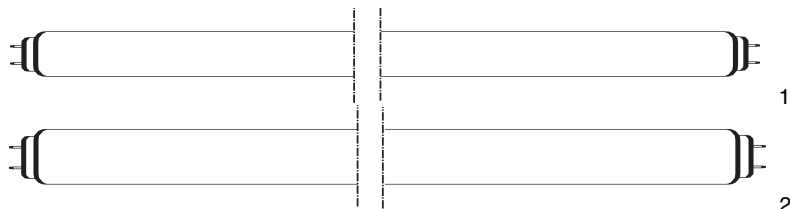
ø 51 mm

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 _{max.}	lm	CCT	Ra	t _(h) *	t _(h) **		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 _{max.}	lm	CCT	Ra	t _(h)		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

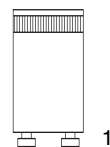
zöld ● green ● vert ● zielona ● zelena ● zelena

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

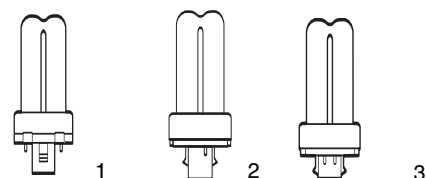
Fénycsőgyújtók
Starters
Starters
Zapłonniki
Starteri
Starterji



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 _{max.}	Im	CCT	Ra	t _(h)		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 _{max.}	Im	CCT	Ra	t _(h)		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

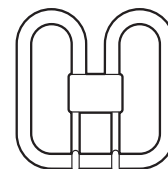
Compact Fluorescent Lamps - 2D

Lampes fluorescentes compactes - 2D

Świetlówki kompaktowe -2D

Fluokompaktne žarulje - 2D

Kompaktne fluorescenčne sijalke - 2D

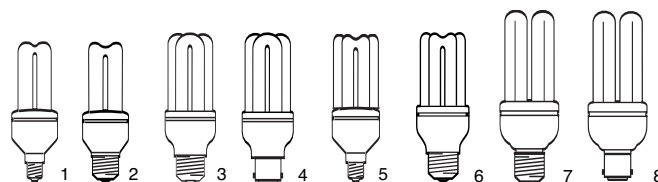
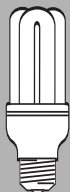


1



Type	W		L _{max.}	Im	CCT	Ra	t _(h)		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 _{max.}	lm	CCT	Ra	t _(h)		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

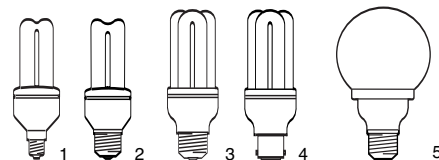
MINI ECO - 6000 hours

Type	W	V		L _{max.}	lm	CCT	Ra	t _(h)		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 _{max.}	lm	CCT	Ra	t _(h)		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



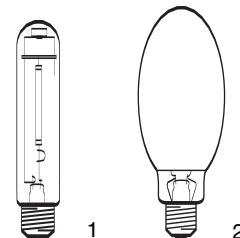
START 3.000 h

Type	W	V		L _{max.}	Im	CCT	Ra	t _(h)		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 _{max.}	Im	CCT	Ra	t _(h)		EEC	SKU	EAN	Fig.
ø 92 mm													
E6/15G-92 F82	15	220/240	E27	152	750	2700	82	10000	1/6	B	507959	5994100079590	5
ø 118 mm													
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 _{max.}	LCL	Ø	lm	CCT	Ra	t _(h)		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

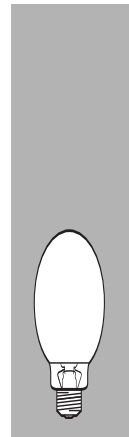
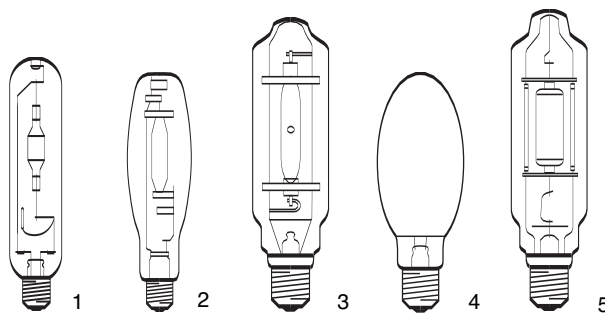
z elektronsko predstikalno napravo za omrežno napetost 120V

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 dnevnno svetlobo



Type	W		L _{max.}	LCL	∅	lm	CCT	Ra	t _(h)		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.

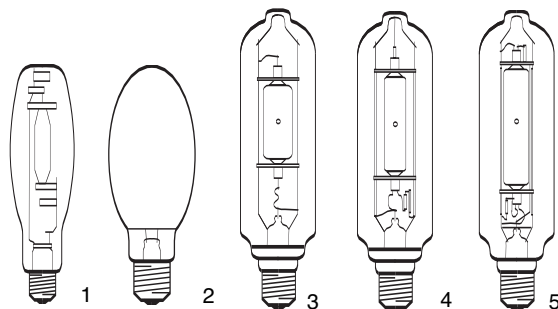
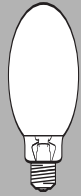
D1: réamorçage après une période d'attente. G: l'emploi d'un dispositif d'amorçage est inadmissible.

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

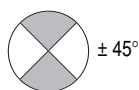
D1: ponovno paljenje poslije perioda hladenja. G: isključivo za upotrebu bez propaljivača

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

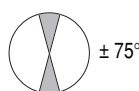


Type	W		L _{max.}	LCL	Ø	Im	CCT	Ra	t _(h)		SKU	EAN	Fig.
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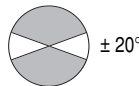
± 45°

világos ● clear ● claire ● przezroczysta ● bistra ● bistra													
HgMIF 400W	400	E40	270	175	59	30000	4000	65	10000	1/12	178364	9004100783611	1



± 75°

diffúz ● diffuse ● poudrée ● rozpraszająca ● difuzna ● difuzna													
HgMIL 400W TU	400	E40	292	-	120	27000	4000	65	10000	1/6	514304	5994100143048	2

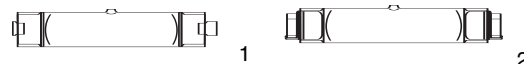


± 20°

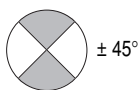
világos ● clear ● claire ● przezroczysta ● bistra ● bistra													
HgMI 2000W/220V	2000	E40	430	287	101	180000	4000	65	2000	1/4	178554	9004100785516	3
HgMI 2000W/380V	2000	E40	430	260	101	190000	4000	65	2000	1/4	178584	9004100785813	4

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 _{max.}	LCL	Ø	Im	CCT	Ra	t _(h)		SKU	EAN	Fig.
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± 45°

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

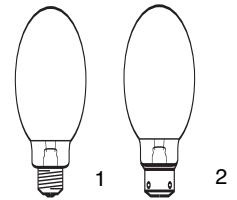
zöld ● green ● vert ● zielona ● zelena ● zelena													
HGMI150W/GREEN	150	R7s	132	66	25				6000	1/12	514571	5994100145714	1

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 _{max.}	Ø	lm	CCT	Ra	t _(h)		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

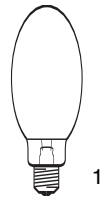
lágy üveg ● soft glass bulb ● ampoule en verre normal ● szkło miękkie ● mekano staklo ● mehko steklo

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

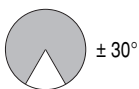


Type	W		L _{max.}	Ø	lm	CCT	Ra	t _(h)		SKU	EAN	Fig.
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diffúz ● diffuse ● poudrée ● rozpraszająca ● difuznia ● difuzna

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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