

Felice trinomio tra:

1. **BASSISSIMO CONSUMO DI ENERGIA**
2. **DURATA ILLIMITATA**
3. **DEFINIZIONE OTTICA ECCELLENTE**

es. LD 015 F 0,3W

100.000 ore

LED selezionati tra i prodotti di primarie aziende fornitrice e perfetto pilotaggio elettronico.

Le lampadine LED SIRENA si contraddistinguono inoltre per le seguenti caratteristiche:

- **I circuiti per pilotare le LD sono di avanzatissima tecnologia elettronica e miniaturizzati** per accoglierli nelle sedi degli attacchi delle lampade.
- Sono garantite secondo norme internazionali CE (compatibilità elettromagnetica e sicurezza elettrica).
- **Circuiti incapsulati in resina epossidica** ad alto isolamento per una totale garanzia elettrica e meccanica, in particolare alle vibrazioni secondo la norma DIN 40046.
- **Temperature di esercizio molto contenute** anche con alimentazione in alta tensione (230V servizio continuo, max 30°C).
- Importante: la cupola e/o lo schermo dell'apparecchio deve avere lo stesso colore della LD.

Excellent trinomial between:

1. **VERY LOW POWER CONSUMPTION**
2. **UNLIMITED LIFE**
3. **EXCELLENT OPTICAL OUTPUT**

eg. LD 015 F 0,3W

100.000 hours

LEDS selected from first class suppliers' products and perfect electronic operation.

Furthermore, SIRENA's LED bulbs are distinguished by the following characteristics:

- **The circuits operating the LD have advanced electronic technology. They are miniaturized** to be fitted into the sockets of the bulbs.
- They are guaranteed according to CE international norms (electro-magnetic compatibility and electrical safety).
- **Circuits plunged in epoxy resin** highly insulated for complete electrical and mechanical guarantee, particularly against vibrations, according to DIN norms no. 40046.
- **Low working temperatures** even at high voltages (max. 30°C at 230V continuous operation).
- Important: the dome and/or the shield of the unit must have the same colour as the LD.

Excellent trinôme entre:

1. **TRES BASSE CONSOMMATION**
2. **DUREE ILLIMITEE**
3. **EXCELLENTE DEFINITION OPTIQUE**

ex. LD 015 F 0,3W

100.000 heures

LED selectionnés parmi les produits fournis par des sociétés importantes et parfait pilotage électronique.

Les ampoules à LED SIRENA se distinguent en plus pour les caractéristiques suivantes:

- **Les circuits, pour piloter les LD, sont d'une technologie électronique très avancée et miniaturisés** pour les placer dans les culots des ampoules.
- Elles sont garanties selon les normes internationales CE (compatibilité électromagnétique et sécurité électrique).
- **Circuits noyés dans une résine époxy**, à haute isolation, pour assurer une garantie électrique et mécanique, en particulier contre les vibrations (normes DIN 40046).
- **Températures de fonctionnement très basses** même avec une alimentation à haute tension (230V service continu à 30°C max).
- Important: le dôme et/ou l'écran du dispositif doit avoir la même couleur de la LD.

Vortreffliches Trinom:

1. **NIEDRIGER STROMVERBRAUCH**
2. **UNBEGRENZTE LEBENSDAUER**
3. **SEHR GUTE OPTISCHE SCHÄRFE**

z. B. LD 015 F 0,3W

100.000 Stunden

ausgewählte LED's unter den Produkten von wichtigen Lieferfirmen und perfekte elektronische Steuerung.

Außerdem unterscheiden sich die SIRENA LED-Leuchtmittel für folgende Eigenschaften:

- **Die miniaturisierten Schaltkreise, um diese LED-Leuchtmittel zu steuern, sind das Ergebnis einer fortschrittlichen elektronischen Technologie,** um diese in den Sockeln der Leuchtmittel einzusetzen.
- Die Leuchtmittel sind nach internationalen EG-Normen garantiert (EMV-Norm und elektrische Sicherheit).
- **Schaltkreise in epoxydischen Harz vergossen**, (hohe Isolation), um eine elektrische und mechanische Garantie, besonders gegen Vibrationen gemäß DIN-Norm 40046, zu gewährleisten.
- **Niedrige Betriebstemperaturen** auch mit Hochspannung (230V Dauerbetrieb max 30°C).
- Wichtig: die Haube und/oder die Abdeckung des Gerätes muß die selbe Farbe des LD haben.

Perfecto trinomio entre:

1. **CONSUMO BAJISIMO DE ENERGIA**
2. **DURACIÓN ILIMITADA**
3. **EXCELENTE DEFINICIÓN ÓPTICA**

ej. LD 015 F 0,3W

100.000 horas

LED's seleccionados entre los productos de primarias compañías abastecedoras y pilotaje electrónico perfecto.

Además, las lámparas de LED's de SIRENA presentan las peculiaridades siguientes:

- **Para pilotar las LD, se emplean circuitos de tecnología electrónica muy avanzada, miniaturizados** para acogerlos en los asientos de los zócalos de las lámparas.
- Se garantizan de conformidad con normas internacionales CE (compatibilidad electromagnética y seguridad eléctrica).
- **Circuitos encapsulados en resina epóxida** de alto aislamiento para una garantía eléctrica y mecánica global, sobre todo con respecto a las vibraciones de conformidad con normas DIN 40046.
- **Temperaturas de trabajo cuidadosamente comprobadas** también con alimentación en alta tensión (230V servicio continuo a max 30°C).
- Importante: la cúpula y/o la pantalla del aparato debe ser del mismo color de la LD.

## Comparazione tecnica fra lampadine a filamento e lampadine a LED SIRENA

<b>Caratteristica</b>	Lampadine a filamento garanzia di 2.000 ore nelle seguenti condizioni:	<b>Lampadine LED SIRENA</b> Garanzia 100.000 ore nelle seguenti condizioni:
<b>Installazione</b>	lampadina in posizione verticale	<b>qualsiasi posizione</b>
<b>Temperatura</b>	T = +20 °C	T = -30 °C ÷ +50 °C <i>Luce emessa e consumo sono invariati nel range di temperatura indicato</i>
<b>Alimentazione</b>	tensione nominale deve essere scrupolosamente rispettata	<b>Tolleranza ± 20% rispetto alla tensione nominale</b>
<b>Resistenza alle vibrazioni</b>	in assenza di vibrazioni	<b>Resistenza alle vibrazioni secondo DIN 40046</b>
<b>Accensione / spegnimento</b>	1 sola accensione - una sequenza di accensioni/ spegnimenti riduce la vita della lampadina	<b>Stessa durata anche se sottoposta a fasi di accensione/spegnimento</b>
<b>Risparmio energetico</b>	es. a 25 ore di funzionamento una lampada a 40W 12V - 230V consuma 1kW	es. a 1110 ore di funzionamento la LD 145 12V consuma 1kW a 270 ore di funzionamento la LD 145 230 V consuma 1kW
<b>Mantenzione</b>	costo per sostituzione frequente lampada bruciata	<b>nessuna manutenzione per sostituzione lampada</b>

## Comparison between filament bulbs and SIRENA LED bulbs

<b>Characteristics</b>	<b>Filament bulbs</b> guarantee 2.000 hours under the following conditions:	<b>SIRENA LED bulbs</b> guarantee 100.000 hours under the following conditions:
<b>Installation</b>	bulb placed vertically	<b>in any position</b>
<b>Temperature</b>	T = +20 °C	T = -30 °C ÷ +50 °C <i>Light output and power consumption remain unchanged in the temperature range indicated</i>
<b>Power Supply</b>	nominal voltage must be scrupulously respected	<b>Tolerances ± 20% in respect of the nominal voltage</b>
<b>Vibration resistance</b>	without vibrations	<b>Vibration tests according to norms DIN 40046</b>
<b>ON / OFF Cycles</b>	1 ON cycle - a series of ON / OFF cycles reduces the life of the bulb	<b>Life unchanged even when subject to a series of ON/OFF cycles.</b>
<b>Energy Saving</b>	e.g. after 25 hours working at 40W 12V - 230V filament bulb uses 1kW	e.g. after 1110 hours working the LD 145 12V uses 1kW after 270 hours working the LD 145 230V uses 1kW
<b>Maintenance</b>	costs for replacement of burnt bulb	<b>No maintenance required for bulb replacement</b>

## Comparaison technique entre ampoules à filament et ampoules à LED SIRENA

<b>Caractéristique</b>	<b>Ampoules à filament</b> garantie de 2.000 heures dans les conditions suivantes:	<b>Ampoules à LED SIRENA</b> Garantie 100.000 heures dans les conditions suivantes:
<b>Installation</b>	ampoule en position verticale	<b>toute position</b>
<b>Température</b>	T = +20 °C	T = -30 °C ÷ +50 °C <i>Lumière émise et consommation restent inchangées dans l'intervalle de température indiqué</i>
<b>Alimentation</b>	la tension nominale doit être scrupuleusement respectée	<b>Tolérance ± 20% par rapport à la tension nominale</b>
<b>Résistance aux vibrations</b>	en absence de vibrations	<b>Résistance aux vibrations selon la norme DIN 40046</b>
<b>Allumage / Extinction</b>	un seul allumage - une séquence de allumages / extinctions réduit la durée de vie de l'ampoule	<b>Même durée même si soumises à des phases de allumage/extinction</b>
<b>Epargne énergétique</b>	ex. à 25 heures de fonctionnement une ampoule à 40W 12V - 230V absorbe 1kW	ex. à 1110 heures de fonctionnement la LD 145 12V absorbe 1kW à 270 heures de fonctionnement la LD 145 230 V absorbe 1kW
<b>Entretien</b>	coût pour remplacement fréquent de l'ampoule brûlée	<b>pas d'entretien pour remplacement ampoule</b>

## Technischer Vergleich zwischen Glühlampen und SIRENA LED-Leuchtmittel

<b>Eigenschaft</b>	<b>Glühlampen</b> 2.000 std. unter folgenden Bedingungen garantiert:	<b>SIRENA LED-Leuchtmittel</b> 100.000 std. unter folgenden Bedingungen garantiert:
<b>Installation</b>	Glühlampe in senkrechter Position	<b>beliebige Montageposition</b>
<b>Temperatur</b>	T = +20 °C	T = -30 °C ÷ +50 °C <i>Die Lichtintensität und der Stromverbrauch bleiben in diesem Temperaturbereich konstant</i>
<b>Spannung</b>	die Nennspannung muß eingehalten werden	<b>Toleranz ± 20% der Nennspannung</b>
<b>Vibrationsfestigkeit</b>	vibrationsfrei	<b>Auch bei Vibrat. Die Leuchtmittel wurden getestet nach der DIN 40046</b>
<b>Ein/Ausschaltungszyklen</b>	1 einziges Einschalten- ein häufiges Ein-und Ausschalten reduziert die Lebensdauer des Leuchtmittels	<b>das LED-Leuchtmittel bleibt unverändert auch bei häufigen Ein/Ausschaltungszyklen</b>
<b>Energiesparen</b>	z.B. Bei 25 Betriebsstunden liegt der Verbrauch eines 40W 12V - 230V Leuchtmittels bei 1kW	<b>z.B. Bei 1110 Betriebsstunden liegt der Verbrauch einer LD 145 12V bei 1kW Bei 270 Betriebsstunden liegt der Verbrauch einer LD 145 230V bei 1kW</b>
<b>Wartung</b>	Es entstehen Kosten durch häufigen Ersatz von defekten Leuchtmitteln	<b>So gut wie keine Wartungskosten durch hohe Lebensdauer des Leuchtmittels</b>

## Comparación técnica entre lámparas incandescentes y lámparas de LED's SIRENA

<b>Característica</b>	<b>Lámparas incandescentes</b> garantía de 2.000 horas en las siguientes condiciones:	<b>Lámparas de LED's SIRENA</b> garantía de 100.000 horas en las siguientes condiciones:
<b>Instalación</b>	Lámpara en posición vertical	<b>cualquier posición</b>
<b>Temperatura</b>	T = +20 °C	T = -30 °C ÷ +50 °C <i>Luz emitida y consumo no cambian en el intervalo de temperatura indicado</i>
<b>Alimentación</b>	el voltaje nominal debe siempre respetarse	<b>Tolerancia ± 20% con respecto al voltaje nominal</b>
<b>Resistencia a las vibraciones</b>	en ausencia de vibraciones	<b>Ensayo de resistencia a las vibraciones según DIN 40046</b>
<b>Encendido / apagado</b>	1 solo encendido (muchos encendidos/apagados disminuyen la duración de la lámpara)	<b>Misma duración aunque sujeta a fases de encendido/apagado</b>
<b>Ahorro energético</b>	ejemplo: tras 25 horas de empleo una lámpara de 40W 12V - 230V consume 1kW	ejemplo: tras 1110 horas de empleo la LD 145 12V consume 1kW tras 270 horas de empleo la LD 145 230V consume 1kW
<b>Mantenimiento</b>	Costes por muchos remplazos de la lámpara fundida	<b>no mantenimiento necesario para remplazo de la lámpara</b>



## LEGENDA

## LEGEND

## LEGENDE

## LEYENDA

**LD =**

LAMPADE A LED  
LED BULBS  
AMPOULES A LED  
LED-LEUCHTMITTEL  
LÁMPARAS DE LED's

	N. LED	Ø LED
LDE -	1	5
LD - 01	5	F
LD - 02	4	F
LD - 03	4	F
LD - 04	4	F
LD - 06	3	F
LD - 10	3	
LD - 10	5	
LD - 10	5	ELLISSE x TWS
LD - 11	3	
LD - 11	5	
LD - 14	3	F
LD - 14	5	F
LD - 20	5	
LD - 29	5	F
LD - 30	5	
LD - 34	5	

F = solo luce frontale  
frontal light only  
lumière frontale seulement  
nur vorderes Licht  
sólo luz frontale

	N. LED	Ø LED
LD -	40	5
LD -	44	5
LD -	49	5 F
LD -	54	5
LD -	60	5
LD -	108	5
LD SO -	54	5
LD SO -	90	5
LD SO -	150	5
LD SO -	210	5
LD SA -	83	5
LD SA -	119	5
LD SA -	199	5
LD SA -	318	5
LDV -	02	5
LDV -	03	5

CODICE COLORE  
COLOUR CODE  
CODE COULEUR  
FARBEN-KODE  
CÓDIGO COLOR

BLU EXL - blue - bleu - Blau - azul	1	<span style="color: blue;">●</span>
ARANCIO - amber - orange - Orange - ambar	2	<span style="color: orange;">●</span>
ROSSO - red - rouge - Rot - rojo	3	<span style="color: red;">●</span>
GIALLO - yellow - jaune - Gelb - amarillo	5	<span style="color: yellow;">●</span>
BIANCO - white - blanc - Weiß - blanco	6	<span style="color: white;">○</span>
VERDE EXL - green - vert - Grün - verde	8	<span style="color: green;">●</span>



### Ba9s

LDE LD - 113  
LD - 015 F LD - 145 F  
LD - 024 F  
LD - 034 F  
LD - 044 F  
LD - 103



### Ba15s

LD - 063 F LD - 205  
LD - 103 LD - 305  
LD - 105  
LD - 113  
LD - 115  
LD - 145 F



### Ba15d

LD - 063 F  
LD - 103  
LD - 105  
LD - 105 ELLISSE x TWS  
LD - 113  
LD - 115  
LD - 143 F  
LD - 145 F  
LD - 205  
LD - 295 F  
LD - 305



### E 10

LDE LD - 103  
LD - 015 F LD - 113  
LD - 024 F LD - 143 F  
LD - 034 F LD - 145 F  
LD - 044 F



### E 14

LD - 063 LD - 145 F  
LD - 103 LD - 205  
LD - 105 LD - 305  
LD - 113 LDV - 025  
LD - 115 LDV - 035



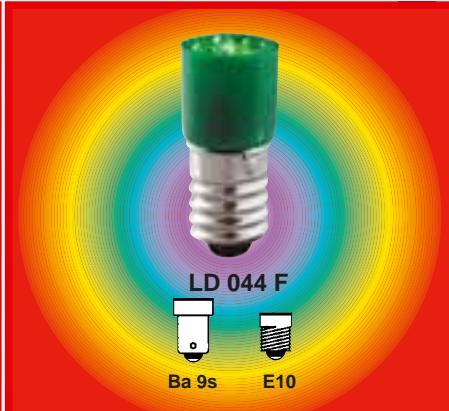
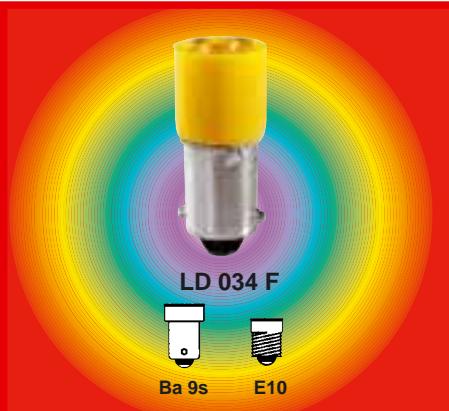
### E 27

LD - 145 F LD - 1085 F  
LD - 205 LD SO - 545  
LD - 295 F LD SO - 905  
LD - 305 LD SO - 1505  
LD - 345 LD SO - 2105  
LD - 405 LD SA - 835  
LD - 445 LD SA - 1195  
LD - 495 F LD SA - 1995  
LD - 545 LD SA - 3185  
LD - 605





1	37573	LD 024 F	BA9S	V24	---~	3
2	37575	LD 024 F	BA9S	V24	---~	5
3	37576	LD 024 F	BA9S	V24	---~	6
4	37578	LD 024 FEXL	BA9S	V24	---~	8
5	37581	LD 024 FEXL	BA9S	V48	---~	1
6	37583	LD 024 F	BA9S	V48	---~	3
7	37585	LD 024 F	BA9S	V48	---~	5
8	37586	LD 024 F	BA9S	V48	---~	6
9	37588	LD 024 FEXL	BA9S	V48	---~	8
10	37591	LD 024 FEXL	BA9S	V110	~	1
11	37593	LD 024 F	BA9S	V110	~	3
12	37595	LD 024 F	BA9S	V110	~	5
13	37596	LD 024 F	BA9S	V110	~	6
14	37598	LD 024 FEXL	BA9S	V110	~	8
15	37601	LD 024 FEXL	BA9S	V230/240	~	1
16	37603	LD 024 F	BA9S	V230/240	~	3
17	37605	LD 024 F	BA9S	V230/240	~	5
18	37606	LD 024 F	BA9S	V230/240	~	6
19	37608	LD 024 FEXL	BA9S	V230/240	~	8
20	37621	LD 024 FEXL	E10	V12	---~	1
21	37623	LD 024 F	E10	V12	---~	3
22	37625	LD 024 F	E10	V12	---~	5
23	37626	LD 024 F	E10	V12	---~	6
24	37628	LD 024 FEXL	E10	V12	---~	8
25	37631	LD 024 FEXL	E10	V24	---~	1
26	37633	LD 024 F	E10	V24	---~	3
27	37635	LD 024 F	E10	V24	---~	5
28	37636	LD 024 F	E10	V24	---~	6
29	37638	LD 024 FEXL	E10	V24	---~	8
30	37641	LD 024 FEXL	E10	V48	---~	1
31	37643	LD 024 F	E10	V48	---~	3
32	37645	LD 024 F	E10	V48	---~	5
33	37646	LD 024 F	E10	V48	---~	6
34	37648	LD 024 FEXL	E10	V48	---~	8
35	37651	LD 024 FEXL	E10	V110	~	1
36	37653	LD 024 F	E10	V110	~	3
37	37655	LD 024 F	E10	V110	~	5
38	37656	LD 024 F	E10	V110	~	6
39	37658	LD 024 FEXL	E10	V110	~	8
40	37661	LD 024 FEXL	E10	V230/240	~	1
41	37663	LD 024 F	E10	V230/240	~	3
42	37665	LD 024 F	E10	V230/240	~	5
43	37666	LD 024 F	E10	V230/240	~	6
44	37668	LD 024 FEXL	E10	V230/240	~	8
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Codice	Code	Kode	Código	LD	Zoccolo	Socket	Culot	Sokkel	Zoccolo
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Codice	Code	Kode	Código	LD	Zoccolo	Socket	Culot	Sokkel	Zoccolo
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1	LD 145 F							6	1
2		Ba 9s	Ba 15s	Ba 15d	E10	E14	E27		
3	Codice Code Kode Código	LD	Zoccolo Socket Sokkel Suelo Zoccolo						
4	29011	LD 145 FEXL	BA9S	V12	---	~	1	28216	LD 145 FEXL
5	29012	LD 145 FEXL	BA9S	V12	---	~	2	28218	LD 145 FEXL
6	29013	LD 145 FEXL	BA9S	V12	---	~	3	28221	LD 145 FEXL
7	29015	LD 145 FEXL	BA9S	V12	---	~	5	28222	LD 145 FEXL
8	29016	LD 145 FEXL	BA9S	V12	---	~	6	28223	LD 145 FEXL
9	29018	LD 145 FEXL	BA9S	V12	---	~	8	28225	LD 145 FEXL
10	29021	LD 145 FEXL	BA9S	V24	---	~	1	28226	LD 145 FEXL
11	29022	LD 145 FEXL	BA9S	V24	---	~	2	28228	LD 145 FEXL
12	29023	LD 145 FEXL	BA9S	V24	---	~	3	28531	LD 145 FEXL
13	29025	LD 145 FEXL	BA9S	V24	---	~	5	28532	LD 145 FEXL
14	29026	LD 145 FEXL	BA9S	V24	---	~	6	28533	LD 145 FEXL
15	29028	LD 145 FEXL	BA9S	V24	---	~	8	28535	LD 145 FEXL
16	29031	LD 145 FEXL	BA9S	V48	---	~	1	28536	LD 145 FEXL
17	29032	LD 145 FEXL	BA9S	V48	---	~	2	28538	LD 145 FEXL
18	29033	LD 145 FEXL	BA9S	V48	---	~	3	28541	LD 145 FEXL
19	29035	LD 145 FEXL	BA9S	V48	---	~	5	28542	LD 145 FEXL
20	29036	LD 145 FEXL	BA9S	V48	---	~	6	28543	LD 145 FEXL
21	29038	LD 145 FEXL	BA9S	V48	---	~	8	28545	LD 145 FEXL
22	29041	LD 145 FEXL	BA9S	V110	~	~	1	28546	LD 145 FEXL
23	29042	LD 145 FEXL	BA9S	V110	~	~	2	28548	LD 145 FEXL
24	29043	LD 145 FEXL	BA9S	V110	~	~	3	28551	LD 145 FEXL
25	29045	LD 145 FEXL	BA9S	V110	~	~	5	28552	LD 145 FEXL
26	29046	LD 145 FEXL	BA9S	V110	~	~	6	28553	LD 145 FEXL
27	29048	LD 145 FEXL	BA9S	V110	~	~	8	28555	LD 145 FEXL
28	29051	LD 145 FEXL	BA9S	V230/240	~	~	1	28556	LD 145 FEXL
29	29052	LD 145 FEXL	BA9S	V230/240	~	~	2	28558	LD 145 FEXL
30	29053	LD 145 FEXL	BA9S	V230/240	~	~	3	28561	LD 145 FEXL
31	29055	LD 145 FEXL	BA9S	V230/240	~	~	5	28562	LD 145 FEXL
32	29056	LD 145 FEXL	BA9S	V230/240	~	~	6	28563	LD 145 FEXL
33	29058	LD 145 FEXL	BA9S	V230/240	~	~	8	28565	LD 145 FEXL
34	29341	LD 145 FEXL	BA15S	V12	---	~	1	28566	LD 145 FEXL
35	29342	LD 145 FEXL	BA15S	V12	---	~	2	28568	LD 145 FEXL
36	29343	LD 145 FEXL	BA15S	V12	---	~	3	28571	LD 145 FEXL
37	29345	LD 145 FEXL	BA15S	V12	---	~	5	28572	LD 145 FEXL
38	29346	LD 145 FEXL	BA15S	V12	---	~	6	28573	LD 145 FEXL
39	29348	LD 145 FEXL	BA15S	V12	---	~	8	28575	LD 145 FEXL
40	29351	LD 145 FEXL	BA15S	V24	---	~	1	28576	LD 145 FEXL
41	29352	LD 145 FEXL	BA15S	V24	---	~	2	28578	LD 145 FEXL
42	29353	LD 145 FEXL	BA15S	V24	---	~	3	27941	LD 145 FEXL
43	29355	LD 145 FEXL	BA15S	V24	---	~	5	27942	LD 145 FEXL
44	29356	LD 145 FEXL	BA15S	V24	---	~	6	27943	LD 145 FEXL
45	29358	LD 145 FEXL	BA15S	V24	---	~	8	27945	LD 145 FEXL
46	29361	LD 145 FEXL	BA15S	V48	---	~	1	27946	LD 145 FEXL
47	29362	LD 145 FEXL	BA15S	V48	---	~	2	27948	LD 145 FEXL
48	29363	LD 145 FEXL	BA15S	V48	---	~	3	27951	LD 145 FEXL
49	29365	LD 145 FEXL	BA15S	V48	---	~	5	27952	LD 145 FEXL
50	29366	LD 145 FEXL	BA15S	V48	---	~	6	27953	LD 145 FEXL
51	29368	LD 145 FEXL	BA15S	V48	---	~	8	29301	LD 145 FEXL
52	29371	LD 145 FEXL	BA15S	V110	~	~	1	29302	LD 145 FEXL
53	29372	LD 145 FEXL	BA15S	V110	~	~	2	29303	LD 145 FEXL
54	29373	LD 145 FEXL	BA15S	V110	~	~	3	29305	LD 145 FEXL
55	29375	LD 145 FEXL	BA15S	V110	~	~	5	29306	LD 145 FEXL
56	29376	LD 145 FEXL	BA15S	V110	~	~	6	29308	LD 145 FEXL
57	29378	LD 145 FEXL	BA15S	V110	~	~	8	28491	LD 145 FEXL
58	29380	LD 145 FEXL	BA15S	V110	~	~	1	28492	LD 145 FEXL
59	29381	LD 145 FEXL	BA15S	V110	~	~	2	28493	LD 145 FEXL
60	29382	LD 145 FEXL	BA15S	V110	~	~	3	28495	LD 145 FEXL
61	29383	LD 145 FEXL	BA15S	V110	~	~	5	28496	LD 145 FEXL
62	29385	LD 145 FEXL	BA15S	V110	~	~	6	28498	LD 145 FEXL
63	29386	LD 145 FEXL	BA15S	V110	~	~	8	28499	LD 145 FEXL
64	29388	LD 145 FEXL	BA15S	V110	~	~	1	28881	LD 145 FEXL
65	29389	LD 145 FEXL	BA15S	V110	~	~	2	28882	LD 145 FEXL



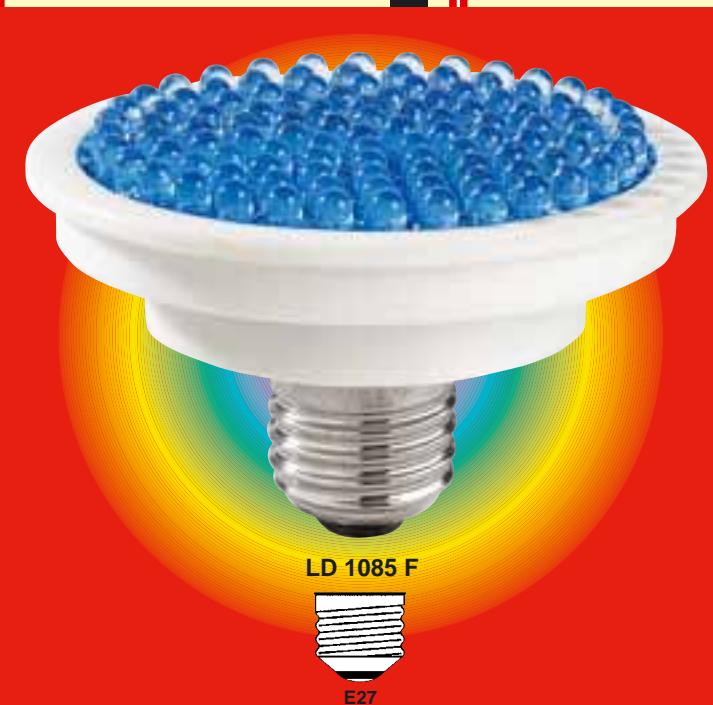
1	28885	LD 145 FEXL	E27	V230/240	~	5
2	28886	LD 145 FEXL	E27	V230/240	~	6
3	28888	LD 145 FEXL	E27	V230/240	~	8



35278	LD 295 FEXL	E27	V48	~	8
35281	LD 295 FEXL	E27	V110	~	1
35283	LD 295 FEXL	E27	V110	~	3



35643	LD 495 FEXL	E27	V230/240	~	3
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35693	LD 1085 F EXL	E27	V230/240	~	3
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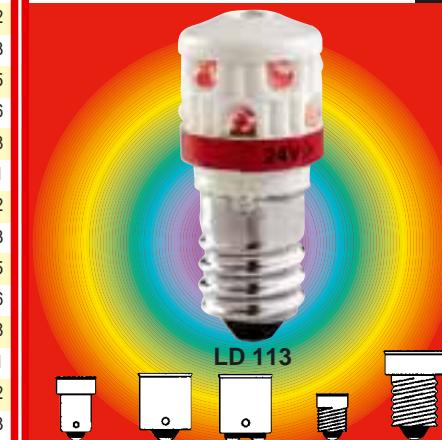
**LD 103**



**LD**

Codice  
Code  
Kode  
Código  
**LD**

1	28711	LD 103	EXL	BA15S	V110	~	● 1	8 1
2	28712	LD 103		BA15S	V110	~	● 2	1 2
3	28713	LD 103		BA15S	V110	~	● 3	2 3
4	28715	LD 103		BA15S	V110	~	● 5	3 4
5	28716	LD 103		BA15S	V110	~	● 6	5 5
6	28718	LD 103	EXL	BA15S	V110	~	● 8	6 6
7	28721	LD 103	EXL	BA15S	V230/240	~	● 1	8 7
8	28722	LD 103		BA15S	V230/240	~	● 2	1 8
9	28723	LD 103		BA15S	V230/240	~	● 3	2 9
10	28725	LD 103		BA15S	V230/240	~	● 5	3 10
11	28726	LD 103		BA15S	V230/240	~	● 6	5 11
12	28728	LD 103	EXL	BA15S	V230/240	~	● 8	6 12
13	29491	LD 103	EXL	BA15D	V12	==~	● 1	8 13
14	29492	LD 103		BA15D	V12	==~	● 2	1 14
15	29493	LD 103		BA15D	V12	==~	● 3	2 15
16	29495	LD 103		BA15D	V12	==~	● 5	3 16
17	29496	LD 103		BA15D	V12	==~	● 6	5 17
18	29498	LD 103	EXL	BA15D	V12	==~	● 8	6 18
19	27801	LD 103	EXL	BA15D	V24	==~	● 1	8 19
20	27802	LD 103		BA15D	V24	==~	● 2	1 20
21	27803	LD 103		BA15D	V24	==~	● 3	2 21
22	27805	LD 103		BA15D	V24	==~	● 5	3 22
23	27806	LD 103		BA15D	V24	==~	● 6	5 23
24	27808	LD 103	EXL	BA15D	V24	==~	● 8	6 24
25	29501	LD 103	EXL	BA15D	V48	==~	● 1	8 25
26	29502	LD 103		BA15D	V48	==~	● 2	1 26
27	29503	LD 103		BA15D	V48	==~	● 3	2 27
28	29505	LD 103		BA15D	V48	==~	● 5	3 28
29	29506	LD 103		BA15D	V48	==~	● 6	5 29
30	29508	LD 103	EXL	BA15D	V48	==~	● 8	6 30
31	29511	LD 103	EXL	BA15D	V110	~	● 1	8 31
32	29512	LD 103		BA15D	V110	~	● 2	1 32
33	29513	LD 103		BA15D	V110	~	● 3	2 33
34	29515	LD 103		BA15D	V110	~	● 5	3 34
35	29516	LD 103		BA15D	V110	~	● 6	5 35
36	29518	LD 103	EXL	BA15D	V110	~	● 8	6 36
37	29521	LD 103	EXL	BA15D	V230/240	~	● 1	8 37
38	29522	LD 103		BA15D	V230/240	~	● 2	1 38
39	29523	LD 103		BA15D	V230/240	~	● 3	2 39
40	29525	LD 103		BA15D	V230/240	~	● 5	3 40
41	29526	LD 103		BA15D	V230/240	~	● 6	5 41
42	29528	LD 103	EXL	BA15D	V230/240	~	● 8	6 42
43	28101	LD 103	EXL	E10	V12	==~	● 1	8 43
44	28102	LD 103		E10	V12	==~	● 2	1 44
45	28103	LD 103		E10	V12	==~	● 3	2 45
46	28105	LD 103		E10	V12	==~	● 5	3 46
47	28106	LD 103		E10	V12	==~	● 6	5 47
48	28108	LD 103	EXL	E10	V12	==~	● 8	6 48
49	27861	LD 103	EXL	E10	V24	==~	● 1	8 49
50	27862	LD 103		E10	V24	==~	● 2	1 50
51	27863	LD 103		E10	V24	==~	● 3	2 51
52	27865	LD 103		E10	V24	==~	● 5	3 52
53	27866	LD 103		E10	V24	==~	● 6	5 53
54	27868	LD 103	EXL	E10	V24	==~	● 8	6 54
55	28121	LD 103	EXL	E10	V48	==~	● 1	8 55
56	28122	LD 103		E10	V48	==~	● 2	1 56
57	28123	LD 103		E10	V48	==~	● 3	2 57
58	28125	LD 103		E10	V48	==~	● 5	3 58
59	28126	LD 103		E10	V48	==~	● 6	5 59
60	28128	LD 103	EXL	E10	V48	==~	● 8	6 60
61	28131	LD 103	EXL	E10	V110	~	● 1	8 61
62	28132	LD 103		E10	V110	~	● 2	1 62
63	28133	LD 103		E10	V110	~	● 3	2 63
64	28135	LD 103		E10	V110	~	● 5	3 64
65	28136	LD 103		E10	V110	~	● 6	5 65



**LD 113**



**LD**

Codice  
Code  
Kode  
Código  
**LD**

1	28971	LD 113	EXL	BA9S	V12	==~	● 1	55
2	28972	LD 113		BA9S	V12	==~	● 2	56
3	28973	LD 113		BA9S	V12	==~	● 3	57
4	28975	LD 113		BA9S	V12	==~	● 5	58
5	28976	LD 113	EXL	BA9S	V12	==~	● 6	59
6	28978	LD 113	EXL	BA9S	V12	==~	● 8	60
7	27961	LD 113		BA9S	V24	==~	● 1	61
8	27962	LD 113		BA9S	V24	==~	● 2	62
9	27963	LD 113		BA9S	V24	==~	● 3	63
10	27965	LD 113		BA9S	V24	==~	● 5	64
11	27966	LD 113		BA9S	V24	==~	● 6	65





1	27881	LD 105	EXL	BA15D	V24	---~	1
2	27882	LD 105	EXL	BA15D	V24	---~	2
3	27883	LD 105	EXL	BA15D	V24	---~	3
4	27885	LD 105	EXL	BA15D	V24	---~	5
5	27886	LD 105	EXL	BA15D	V24	---~	6
6	27888	LD 105	EXL	BA15D	V24	---~	8
7	29581	LD 105	EXL	BA15D	V48	---~	1
8	29582	LD 105	EXL	BA15D	V48	---~	2
9	29583	LD 105	EXL	BA15D	V48	---~	3
10	29585	LD 105	EXL	BA15D	V48	---~	5
11	29586	LD 105	EXL	BA15D	V48	---~	6
12	29588	LD 105	EXL	BA15D	V48	---~	8
13	29591	LD 105	EXL	BA15D	V110	~	1
14	29592	LD 105	EXL	BA15D	V110	~	2
15	29593	LD 105	EXL	BA15D	V110	~	3
16	29595	LD 105	EXL	BA15D	V110	~	5
17	29596	LD 105	EXL	BA15D	V110	~	6
18	29598	LD 105	EXL	BA15D	V110	~	8
19	29601	LD 105	EXL	BA15D	V230/240	~	1
20	29602	LD 105	EXL	BA15D	V230/240	~	2
21	29603	LD 105	EXL	BA15D	V230/240	~	3
22	29605	LD 105	EXL	BA15D	V230/240	~	5
23	29606	LD 105	EXL	BA15D	V230/240	~	6
24	29608	LD 105	EXL	BA15D	V230/240	~	8
25	28331	LD 105	EXL	E14	V12	---~	1
26	28332	LD 105	EXL	E14	V12	---~	2
27	28333	LD 105	EXL	E14	V12	---~	3
28	28335	LD 105	EXL	E14	V12	---~	5
29	28336	LD 105	EXL	E14	V12	---~	6
30	28338	LD 105	EXL	E14	V12	---~	8
31	28341	LD 105	EXL	E14	V24	---~	1
32	28342	LD 105	EXL	E14	V24	---~	2
33	28343	LD 105	EXL	E14	V24	---~	3
34	28345	LD 105	EXL	E14	V24	---~	5
35	28346	LD 105	EXL	E14	V24	---~	6
36	28348	LD 105	EXL	E14	V24	---~	8
37	28351	LD 105	EXL	E14	V48	---~	1
38	28352	LD 105	EXL	E14	V48	---~	2
39	28353	LD 105	EXL	E14	V48	---~	3
40	28355	LD 105	EXL	E14	V48	---~	5
41	28356	LD 105	EXL	E14	V48	---~	6
42	28358	LD 105	EXL	E14	V48	---~	8
43	28361	LD 105	EXL	E14	V110	~	1
44	28362	LD 105	EXL	E14	V110	~	2
45	28363	LD 105	EXL	E14	V110	~	3
46	28365	LD 105	EXL	E14	V110	~	5
47	28366	LD 105	EXL	E14	V110	~	6
48	28368	LD 105	EXL	E14	V110	~	8
49	28371	LD 105	EXL	E14	V230/240	~	1
50	28372	LD 105	EXL	E14	V230/240	~	2
51	28373	LD 105	EXL	E14	V230/240	~	3
52	28375	LD 105	EXL	E14	V230/240	~	5
53	28376	LD 105	EXL	E14	V230/240	~	6
54	28378	LD 105	EXL	E14	V230/240	~	8
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**LD**

Codice  
Code  
Kode  
Codigoo

Zoccolo  
Socket  
Culot  
Sockel  
Zoccolo

**LD**

Codice  
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Zoccolo  
Socket  
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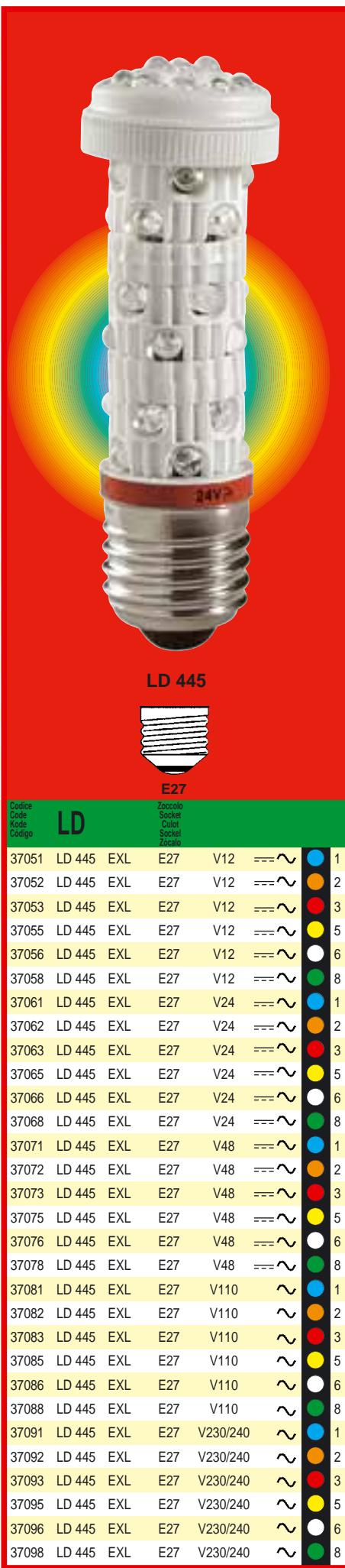
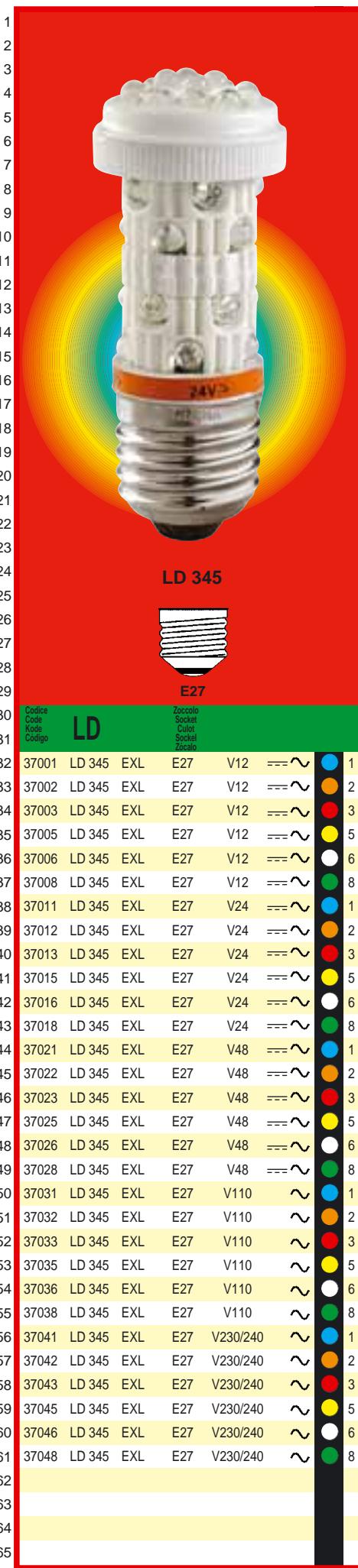
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65



1	29665	LD 115	EXL	BA15D	V48	---~	5	5	1
2	29666	LD 115	EXL	BA15D	V48	---~	6	6	2
3	29668	LD 115	EXL	BA15D	V48	---~	8	8	3
4	29671	LD 115	EXL	BA15D	V110	~	1	1	4
5	29672	LD 115	EXL	BA15D	V110	~	2	2	5
6	29673	LD 115	EXL	BA15D	V110	~	3	3	6
7	29675	LD 115	EXL	BA15D	V110	~	5	5	7
8	29676	LD 115	EXL	BA15D	V110	~	6	6	8
9	29678	LD 115	EXL	BA15D	V110	~	8	8	9
10	29681	LD 115	EXL	BA15D	V230/240	~	1	1	10
11	29682	LD 115	EXL	BA15D	V230/240	~	2	2	11
12	29683	LD 115	EXL	BA15D	V230/240	~	3	3	12
13	29685	LD 115	EXL	BA15D	V230/240	~	5	5	13
14	29686	LD 115	EXL	BA15D	V230/240	~	6	6	14
15	29688	LD 115	EXL	BA15D	V230/240	~	8	8	15
16	28381	LD 115	EXL	E14	V12	---~	1	1	16
17	28382	LD 115	EXL	E14	V12	---~	2	2	17
18	28383	LD 115	EXL	E14	V12	---~	3	3	18
19	28385	LD 115	EXL	E14	V12	---~	5	5	19
20	28386	LD 115	EXL	E14	V12	---~	6	6	20
21	28388	LD 115	EXL	E14	V12	---~	8	8	21
22	28391	LD 115	EXL	E14	V24	---~	1	1	22
23	28392	LD 115	EXL	E14	V24	---~	2	2	23
24	28393	LD 115	EXL	E14	V24	---~	3	3	24
25	28395	LD 115	EXL	E14	V24	---~	5	5	25
26	28396	LD 115	EXL	E14	V24	---~	6	6	26
27	28398	LD 115	EXL	E14	V24	---~	8	8	27
28	28401	LD 115	EXL	E14	V48	---~	1	1	28
29	28402	LD 115	EXL	E14	V48	---~	2	2	29
30	28403	LD 115	EXL	E14	V48	---~	3	3	30
31	28405	LD 115	EXL	E14	V48	---~	5	5	31
32	28406	LD 115	EXL	E14	V48	---~	6	6	32
33	28408	LD 115	EXL	E14	V48	---~	8	8	33
34	28411	LD 115	EXL	E14	V110	~	1	1	34
35	28412	LD 115	EXL	E14	V110	~	2	2	35
36	28413	LD 115	EXL	E14	V110	~	3	3	36
37	28415	LD 115	EXL	E14	V110	~	5	5	37
38	28416	LD 115	EXL	E14	V110	~	6	6	38
39	28418	LD 115	EXL	E14	V110	~	8	8	39
40	28421	LD 115	EXL	E14	V230/240	~	1	1	40
41	28422	LD 115	EXL	E14	V230/240	~	2	2	41
42	28423	LD 115	EXL	E14	V230/240	~	3	3	42
43	28425	LD 115	EXL	E14	V230/240	~	5	5	43
44	28426	LD 115	EXL	E14	V230/240	~	6	6	44
45	28428	LD 115	EXL	E14	V230/240	~	8	8	45
46									46
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1		37141	LD 545	EXL	E27	V230/240	~	1	8	1	
2		37142	LD 545	EXL	E27	V230/240	~	2	1	2	
3		37143	LD 545	EXL	E27	V230/240	~	3	2	3	
4		37145	LD 545	EXL	E27	V230/240	~	5	3	4	
5		37146	LD 545	EXL	E27	V230/240	~	6	5	5	
6		37148	LD 545	EXL	E27	V230/240	~	8	6	6	
7		34718	LD 605	EXL	E27	V24	---	~	8	7	
8		34721	LD 605	EXL	E27	V48	---	~	1	8	
9		34722	LD 605	EXL	E27	V48	---	~	2	9	
10		34723	LD 605	EXL	E27	V48	---	~	3	10	
11		34725	LD 605	EXL	E27	V48	---	~	5	11	
12		34726	LD 605	EXL	E27	V48	---	~	6	12	
13		34728	LD 605	EXL	E27	V48	---	~	8	13	
14		34731	LD 605	EXL	E27	V110	~	~	1	14	
15		34732	LD 605	EXL	E27	V110	~	~	2	15	
16		34733	LD 605	EXL	E27	V110	~	~	3	16	
17		34735	LD 605	EXL	E27	V110	~	~	5	17	
18		34736	LD 605	EXL	E27	V110	~	~	6	18	
19		34738	LD 605	EXL	E27	V110	~	~	8	19	
20		34741	LD 605	EXL	E27	V230/240	~	~	1	20	
21		34742	LD 605	EXL	E27	V230/240	~	~	2	21	
22		34743	LD 605	EXL	E27	V230/240	~	~	3	22	
23		34745	LD 605	EXL	E27	V230/240	~	~	5	23	
24		34746	LD 605	EXL	E27	V230/240	~	~	6	24	
25		34748	LD 605	EXL	E27	V230/240	~	~	8	25	
26										26	
27										27	
28										28	
29										29	
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37										37	
38										38	
39										39	
40		<b>LD</b>		Zoccolo Socket Culot Sokkel Zácalo						40	
41		<b>LD</b>		Zoccolo Socket Culot Sokkel Zácalo						41	
42	37101	LD 545	EXL	E27	V12	---	~	1	1	42	
43	37102	LD 545	EXL	E27	V12	---	~	2	2	43	
44	37103	LD 545	EXL	E27	V12	---	~	3	3	44	
45	37105	LD 545	EXL	E27	V12	---	~	5	5	45	
46	37106	LD 545	EXL	E27	V12	---	~	6	6	46	
47	37108	LD 545	EXL	E27	V12	---	~	8	8	47	
48	37111	LD 545	EXL	E27	V24	---	~	1	1	48	
49	37112	LD 545	EXL	E27	V24	---	~	2	2	49	
50	37113	LD 545	EXL	E27	V24	---	~	3	3	50	
51	37115	LD 545	EXL	E27	V24	---	~	5	5	51	
52	37116	LD 545	EXL	E27	V24	---	~	6	6	52	
53	37118	LD 545	EXL	E27	V24	---	~	8	8	53	
54	37121	LD 545	EXL	E27	V48	---	~	1	1	54	
55	37122	LD 545	EXL	E27	V48	---	~	2	2	55	
56	37123	LD 545	EXL	E27	V48	---	~	3	3	56	
57	37125	LD 545	EXL	E27	V48	---	~	5	5	57	
58	37126	LD 545	EXL	E27	V48	---	~	6	6	58	
59	37128	LD 545	EXL	E27	V48	---	~	8	8	59	
60	37131	LD 545	EXL	E27	V110	~	~	1	1	60	
61	37132	LD 545	EXL	E27	V110	~	~	2	2	61	
62	37133	LD 545	EXL	E27	V110	~	~	3	3	62	
63	37135	LD 545	EXL	E27	V110	~	~	5	5	63	
64	37136	LD 545	EXL	E27	V110	~	~	6	6	64	
65	37138	LD 545	EXL	E27	V110	~	~	8	8	65	
		<b>LD</b>		Zoccolo Socket Culot Sokkel Zácalo							
		<b>LD</b>		Zoccolo Socket Culot Sokkel Zácalo							
		34701	LD 605	EXL	E27	V12	---	~	1	55	
		34702	LD 605	EXL	E27	V12	---	~	2	56	
		34703	LD 605	EXL	E27	V12	---	~	3	57	
		34705	LD 605	EXL	E27	V12	---	~	5	58	
		34706	LD 605	EXL	E27	V12	---	~	6	59	
		34708	LD 605	EXL	E27	V12	---	~	8	60	
		34711	LD 605	EXL	E27	V24	---	~	1	61	
		34712	LD 605	EXL	E27	V24	---	~	2	62	
		34713	LD 605	EXL	E27	V24	---	~	3	63	
		34715	LD 605	EXL	E27	V24	---	~	5	64	
		34716	LD 605	EXL	E27	V24	---	~	6	65	
		<b>LD</b>		Zoccolo Socket Culot Sokkel Zácalo							
		35793	LD SO 545EXL		E27	V230/240	~	~	3		



LDSO 905



Codice	Code	Kode	Código	LD	Zoccolo	Socket	Culot	Sokkel	Zoccolo
35493	LD SO 905EXL			E27	V230/240	~	3		
48	49	50	51	52	53	54	55	56	57
58	59	60	61	62	63	64	65		



LDSO 1505



Codice	Code	Kode	Código	LD	Zoccolo	Socket	Culot	Sokkel	Zoccolo
35543	LD SO 1505 EXL			E27	V230/240	~	3		
48	49	50	51	52	53	54	55	56	57
58	59	60	61	62	63	64	65		

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LDSO 2105



E27



LDSA 835



E27

Codice Code Kode Codigo	LD	Zoccolo Socket Culot Socle Záclapa
35743	LD SA 835 EXL E27 V230/240 ~	3

Codice  
Code  
Kode  
Codigo      LD      Zoccolo  
Socket  
Culot  
Socle  
Záclapa

35593 LD SO 2105 EXL E27 V230/240 ~ 3



LDSA 1195



E27

Codice	Code	Kode	Código	LD	Zoccolo	Socket	Culot	Sockel	Zoccolo
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45 35343 LD SA 1195 EXL E27 V230/240 ~ 3



LDSA 1995



E27

Codice	Code	Kode	Código	LD	Zoccolo	Socket	Culot	Sockel	Zoccolo
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51 35393 LD SA 1995 EXL E27 V230/240 ~ 3

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LDSA 3185



E27



LDV 025



E14

Codice Code Kode Código	LD	Zoccolo Socket Culot Sokel Zócalo	V24	~	3
37423	LDV 025 EXL	E14	V24	~	● 3
37425	LDV 025 EXL	E14	V24	~	● 5



LDV 035



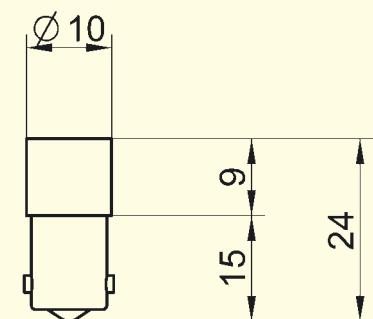
E14

Codice Code Kode Código	LD	Zoccolo Socket Culot Sokel Zócalo	V24	~	3
37313	LDV 035 EXL	E14	V24	~	● 3
37315	LDV 035 EXL	E14	V24	~	● 5

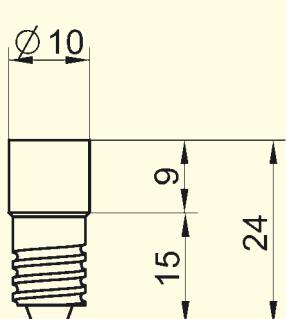
47	Codice Code Kode Código	LD	Zoccolo Socket Culot Sokel Zócalo	V230/240	~	49
35443	LD SA 3185 EXL	E27	V230/240	~	● 3	
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# LAMPADE A LED - LED BULBS - AMPOULES A LED LED LEUCHTMITTEL - LÁMPARAS DE LED's

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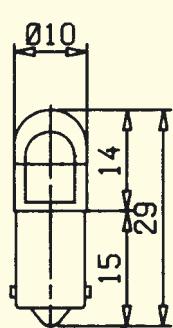


ZOCCOLO  
SOCKET  
CULOT  
SOCKEL  
ZÓCALO

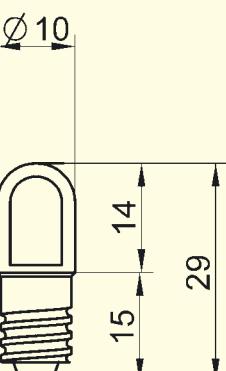
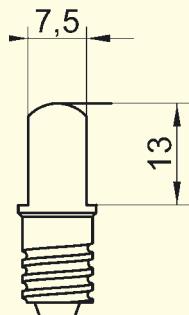


Ba 9s

**LD 015 F**

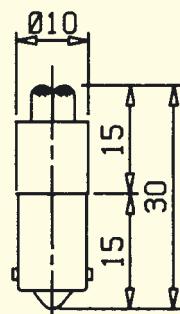


Ba 9s

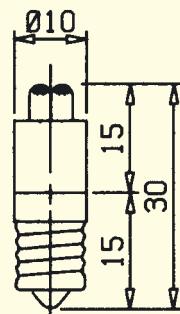


E10

**LD 024 F**

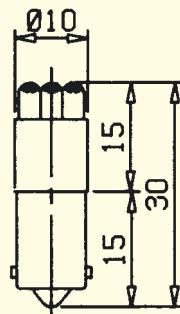


Ba 9s

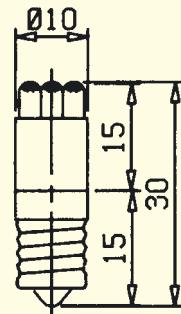


E10

**LD 034 F**

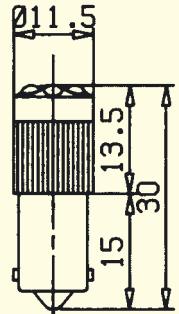


Ba 9s

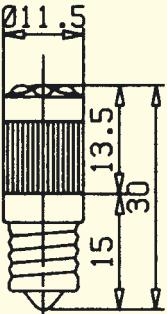


E10

**LD 044 F**

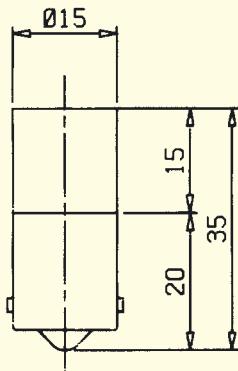


Ba 9s

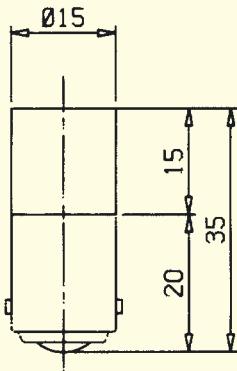


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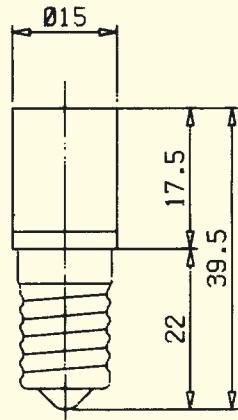
**LD 063 F**



Ba 15s

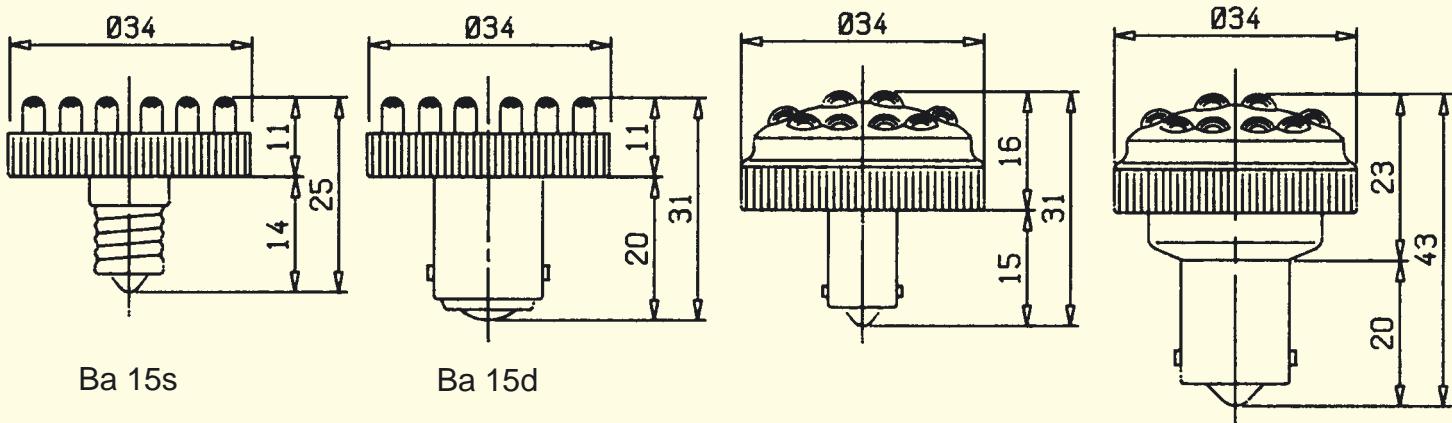


Ba 15d

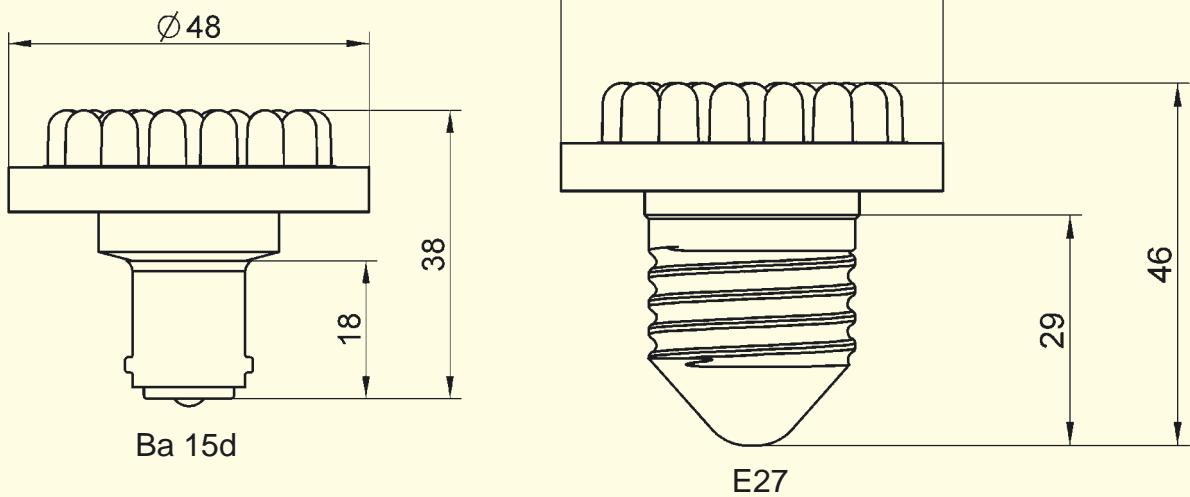


E14

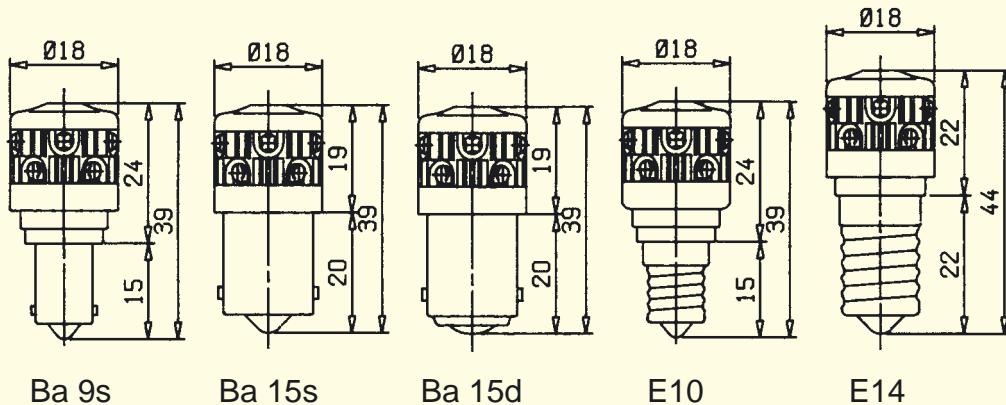
**LD 143 F**



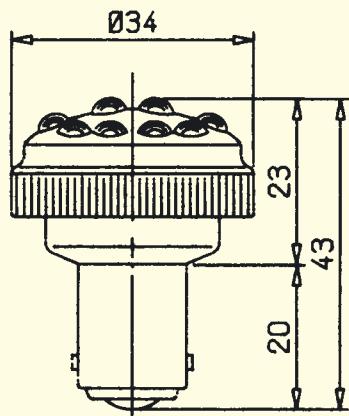
**LD 295 F**



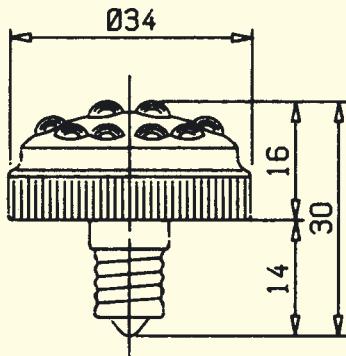
**LD 103 - LD 113**



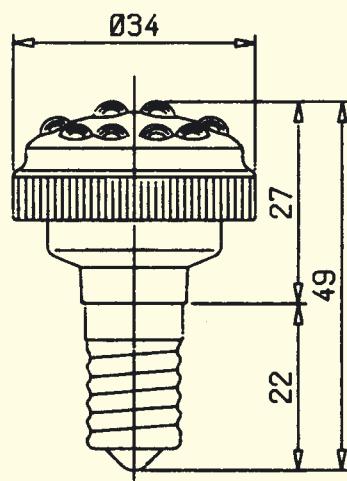
**LD 145 F**



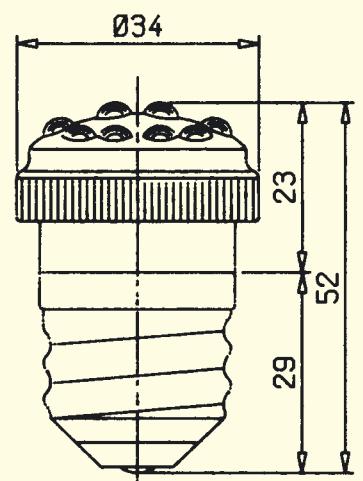
Ba 15d



E10

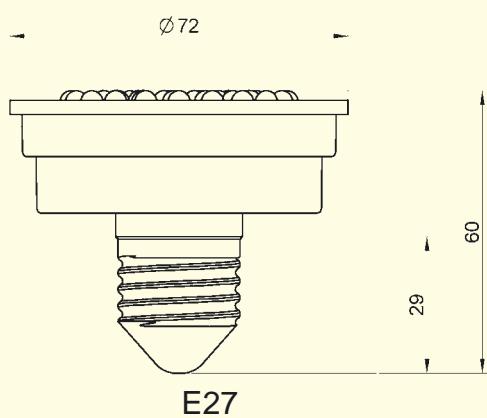


E14



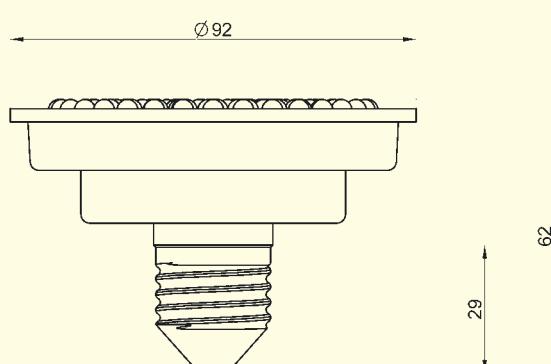
E27

**LD 495 F**



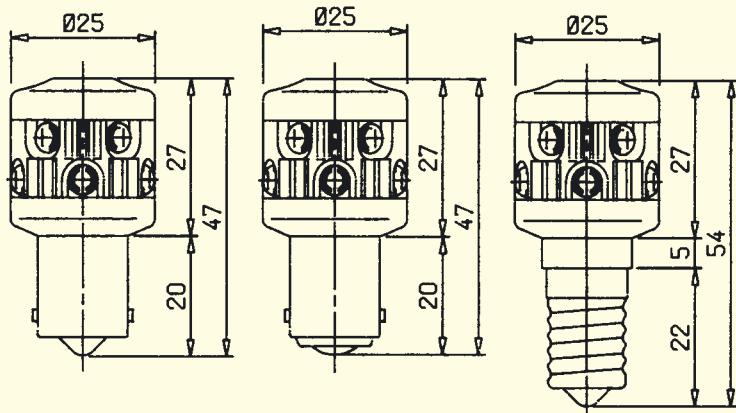
E27

**LD 1085 F**

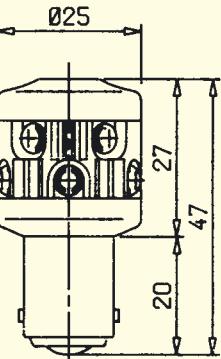


E27

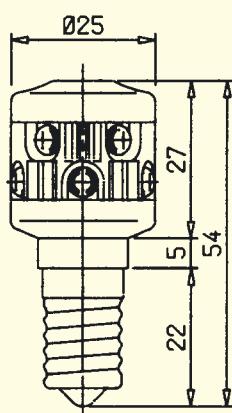
**LD 105 - LD 115**



Ba 15s

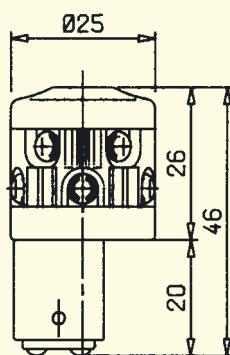


Ba 15d



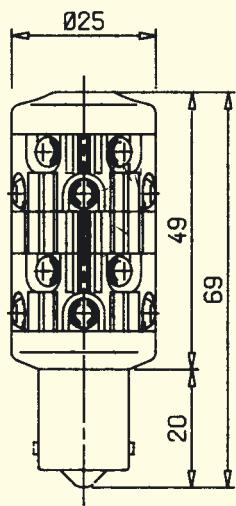
E14

**LD 105 ELISSE**

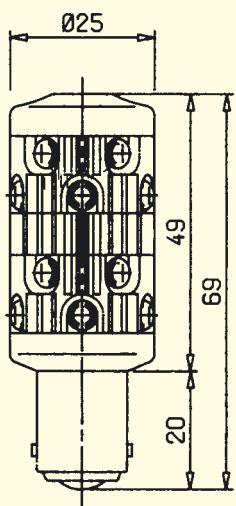


Ba 15s

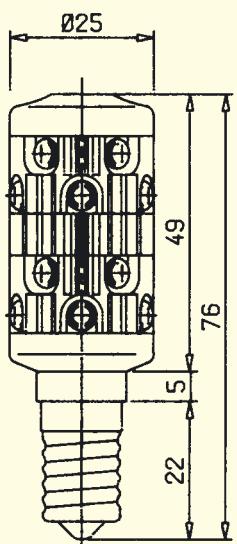
LD 205



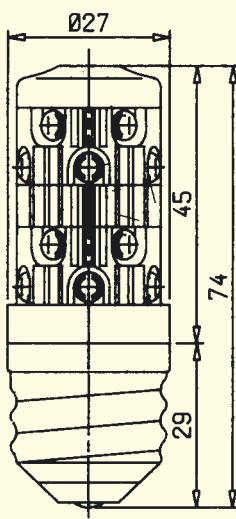
Ba 15s



Ba 15d

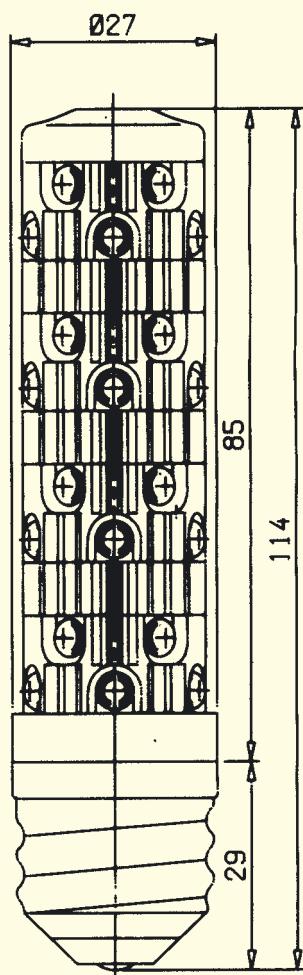


E14

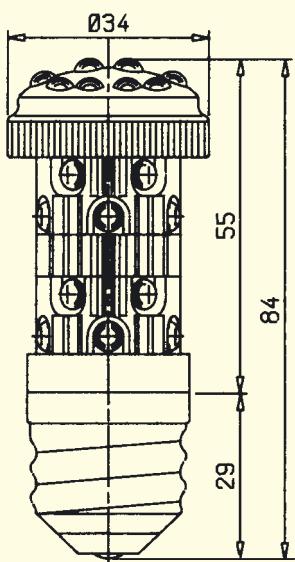


E27

LD 405

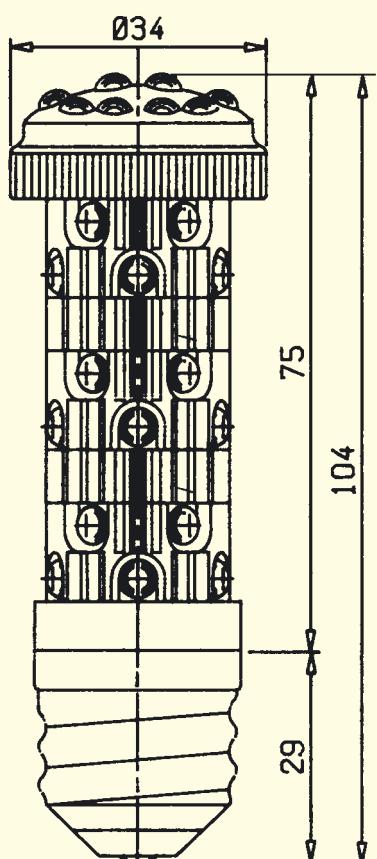


LD 345



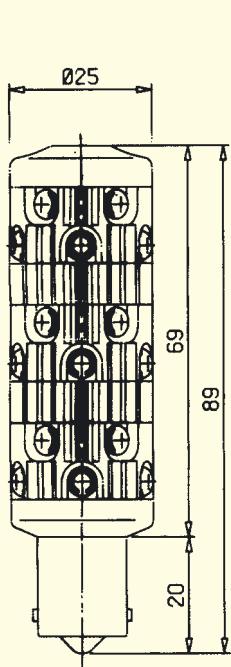
E27

LD 445

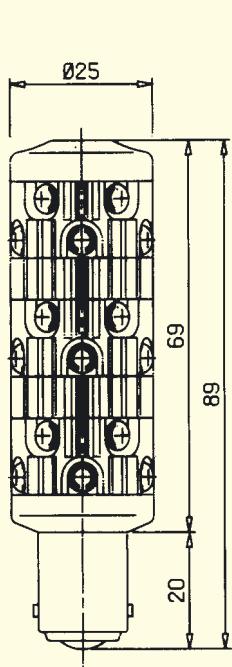


E27

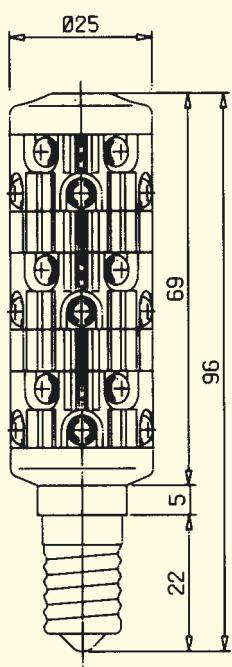
LD 305



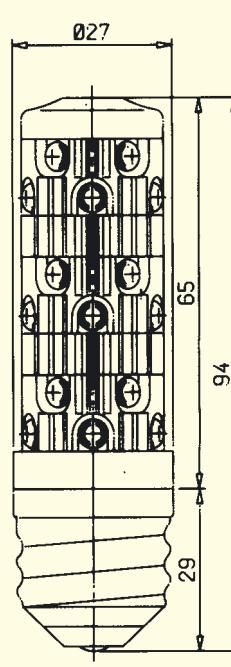
Ba 15s



Ba 15d

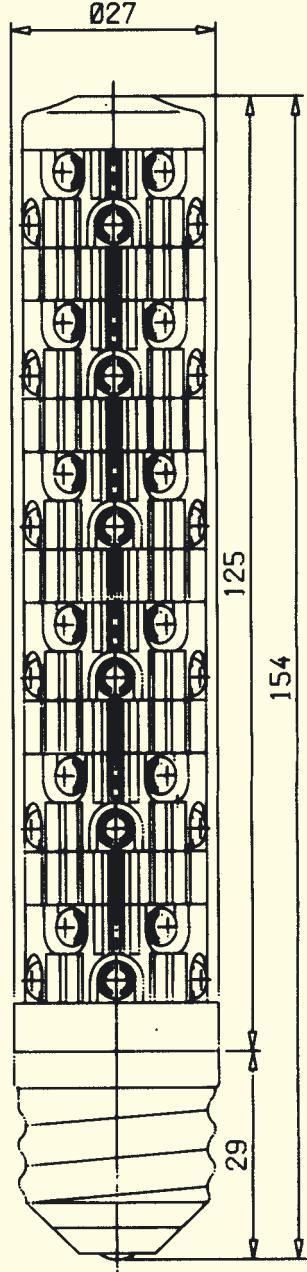


E14

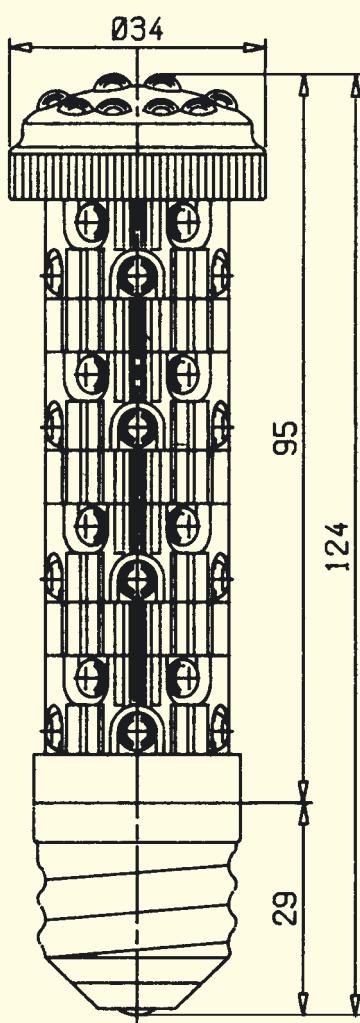


E27

LD 605



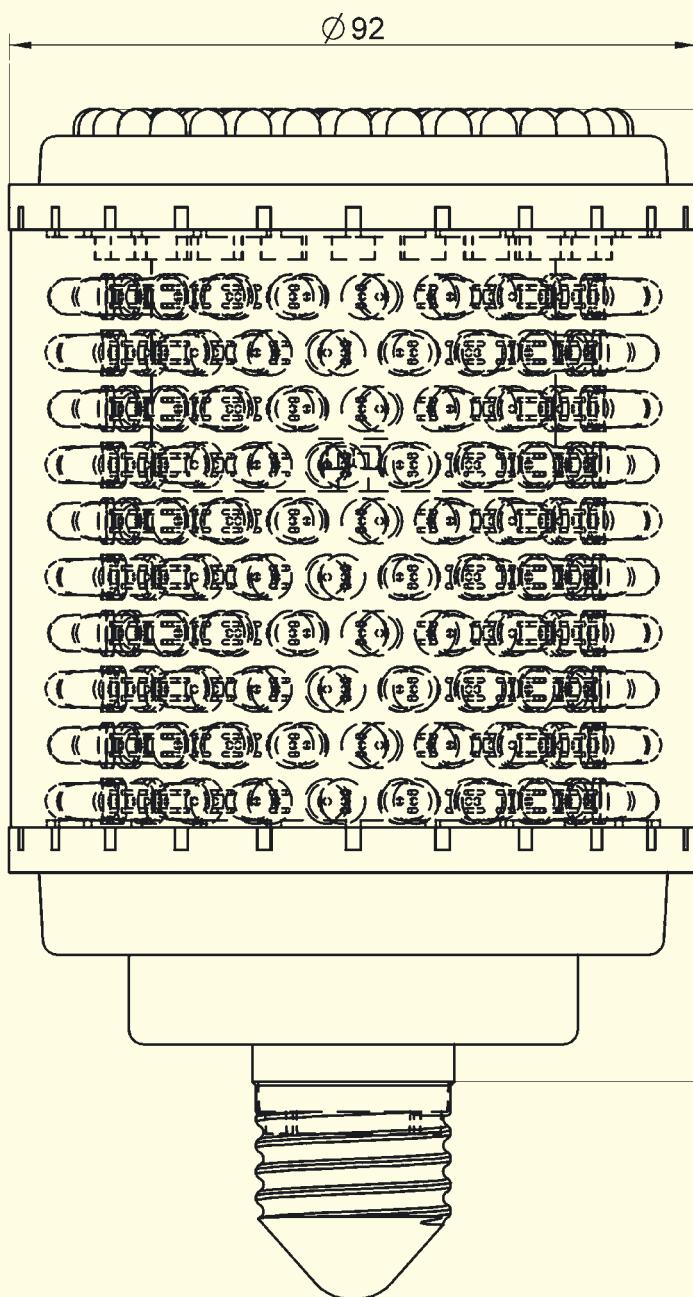
LD 545



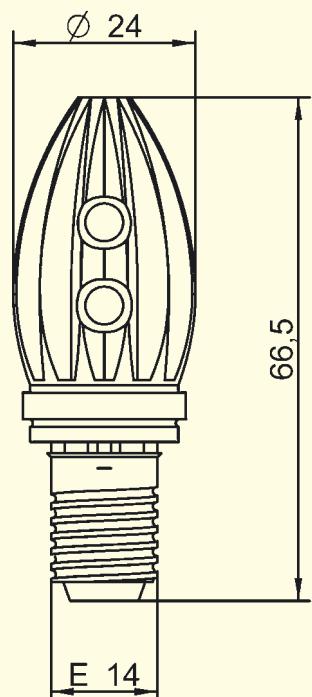
E27

E27

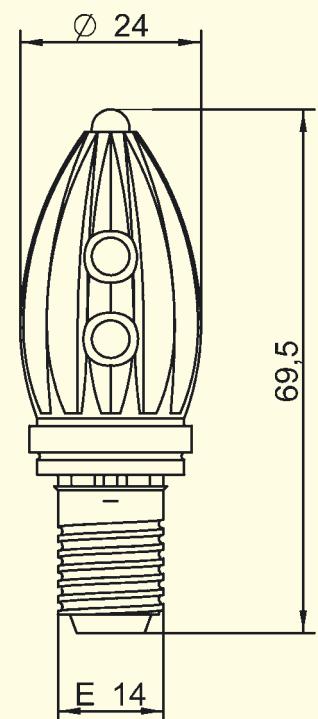
LDSA 3185



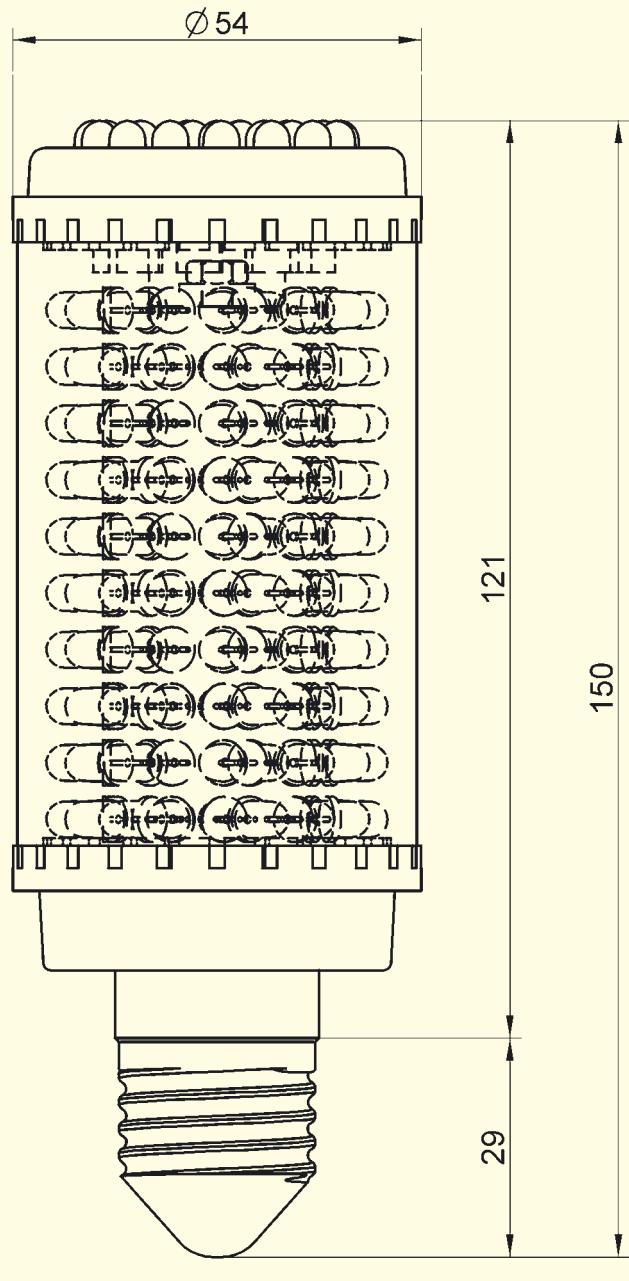
LDV 025



LDV 035

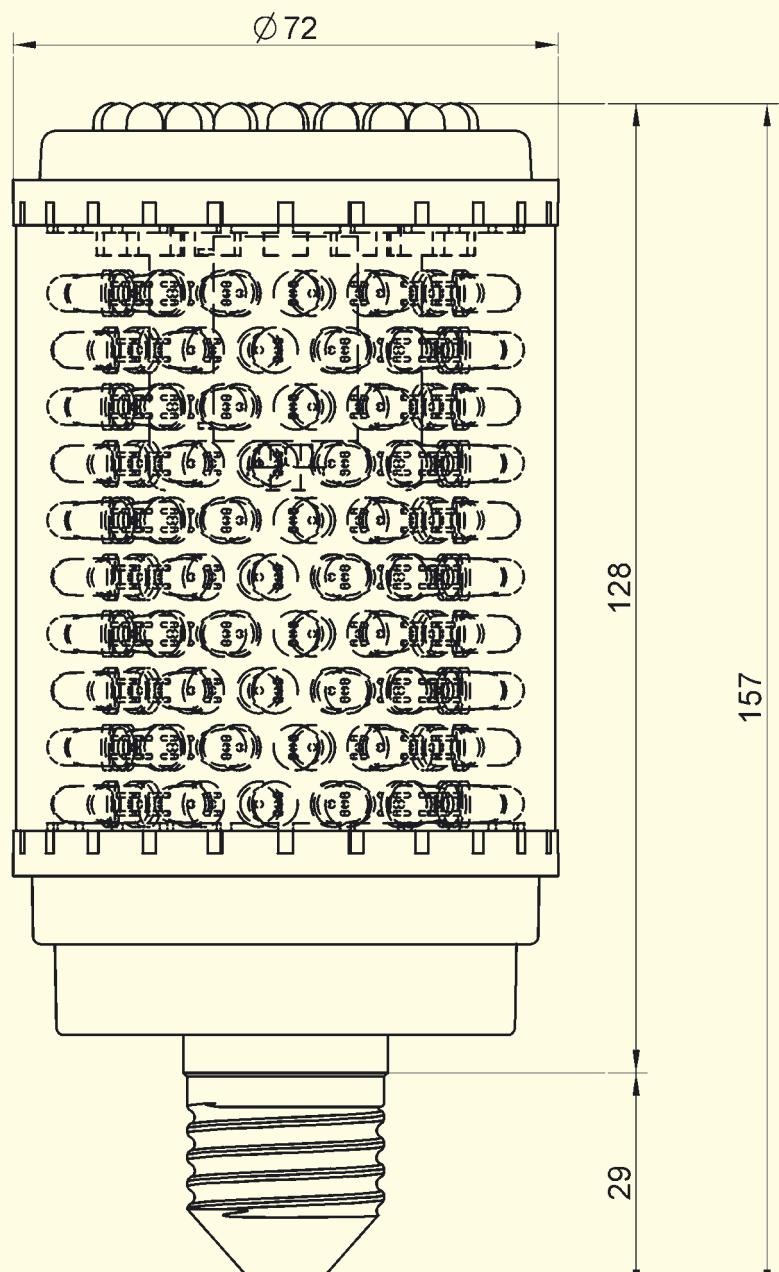


LDSA 1195



E27

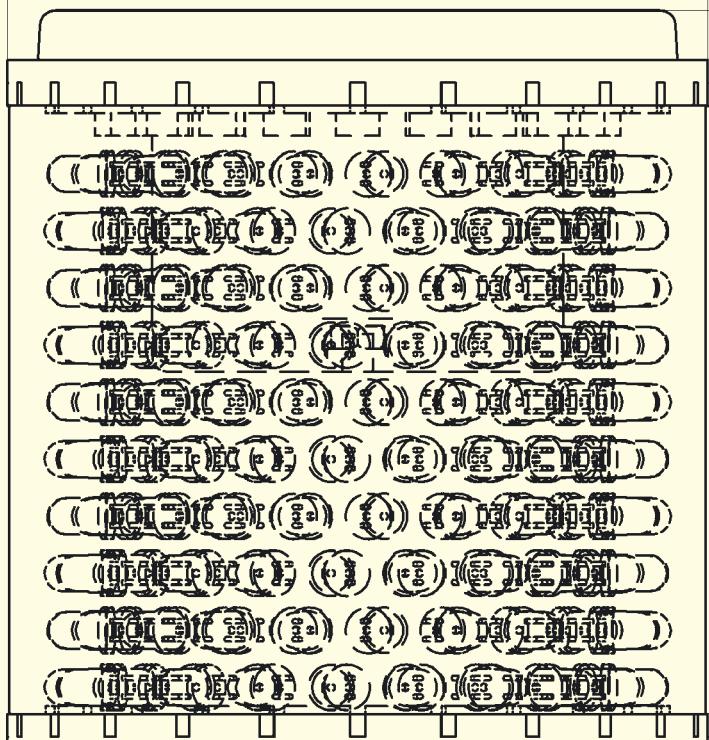
LDSA 1995



E27

LDSO 2105

$\phi 92$

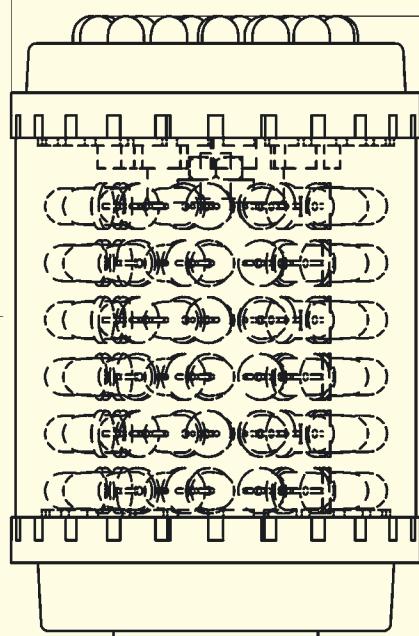


127

156

LDSA 835

$\phi 54$



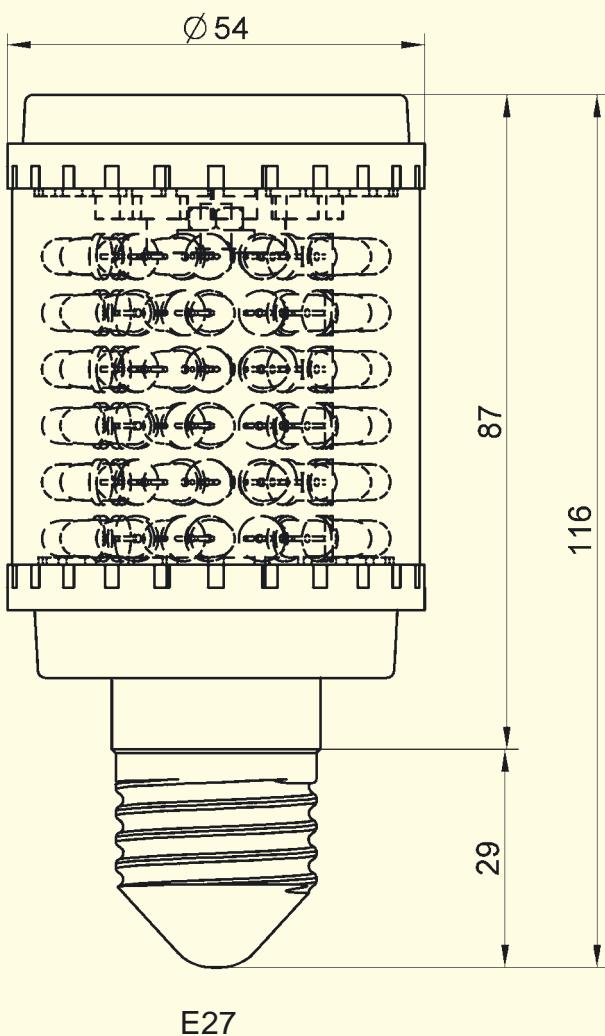
91

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E27

E27

LDSO 545



LDSO 905

