

Light is OSRAM

# LINEARlight Rigid NICHE

LR700SD



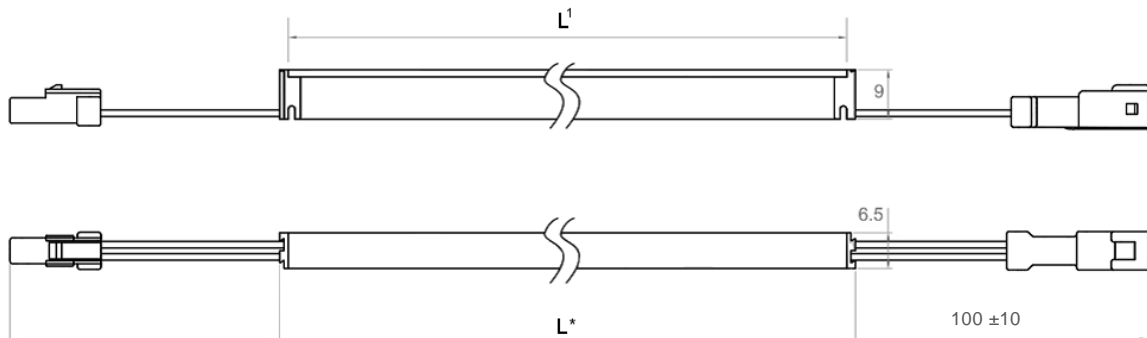
### Benefits

- Integrated diffuser delivering homogenous lines of light
- Large selection of light color temperatures
- Remote driver enables slim dimensions
- Easy installation with connectors at both ends
- Multiple luminaire connection achieves long continuous lines of light

### Features

- 24 V miniature luminaire 6.5mm x 9mm
- 700 lm/m - Color consistency <2.5 SCDM
- Lifetime up to 50,000 hours L70B50 at Tp
- Dimmable by OPTOTRONIC® LED driver

## Dimension & Mounting Information

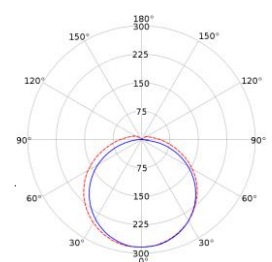


\* L= 102 mm (LR700SD-G1-xxx-01); 285 mm (LR700SD-G1-xxx-03), 602 mm (LR700SD-G1-xxx-06), 875 mm (LR700SD-G1-xxx-09), 1195 mm (LR700SD-G1-xxx-12)

**Note:** Maximum available length to be considered in series: 3000 mm

## Electrical & Output data

Nominal Voltage	24 V
Reverse voltage protection up to	25 V
Temperature range in operation @ Tc point	-20...+70 °C
Storage Temperature	-20...+60 °C
Ambient Temperature	-20...+40 °C
CRI	80



Light distribution

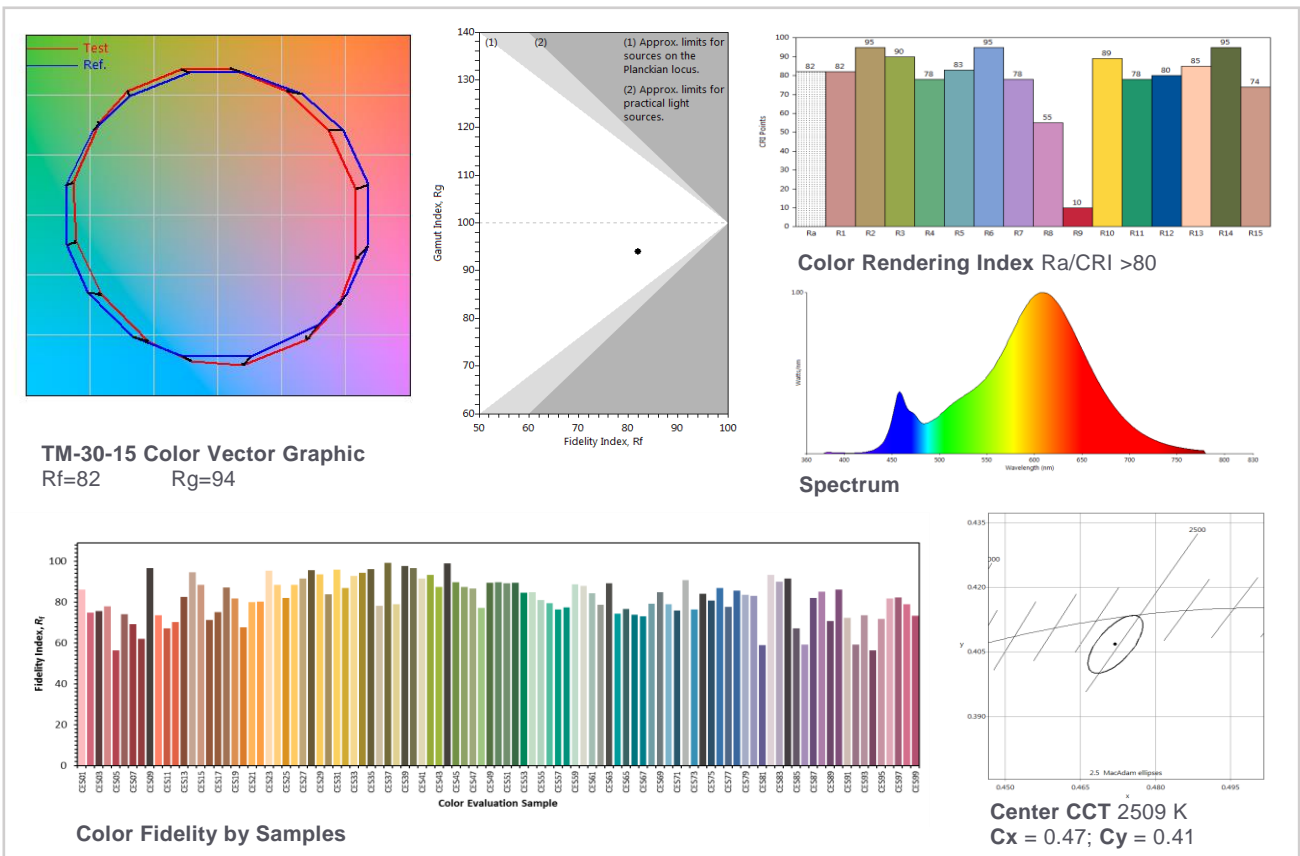
	LR700SD-G1-xxx-01	LR700SD-G1-xxx-03	LR700SD-G1-xxx-06	LR700SD-G1-xxx-09	LR700SD-G1-xxx-12
Power W	0.9	2.7	5.9	8.6	11.7
Current A	0.038	0.114	0.248	0.360	0.495
Length mm	102	285	602	875	1195

LED Type	Emitted CCT	LR700SD-G1-xxx-01	LR700SD-G1-xxx-03	LR700SD-G1-xxx-06	LR700SD-G1-xxx-09	LR700SD-G1-xxx-12
<b>Luminous Flux lm</b>						
● 827	2500 K	59	179	408	610	830
● 830	2800 K	62	186	425	620	865
● 835	3100 K	63	186	425	620	865
● 840	3600 K	66	208	445	680	920
● 850	4500 K	66	208	445	680	920

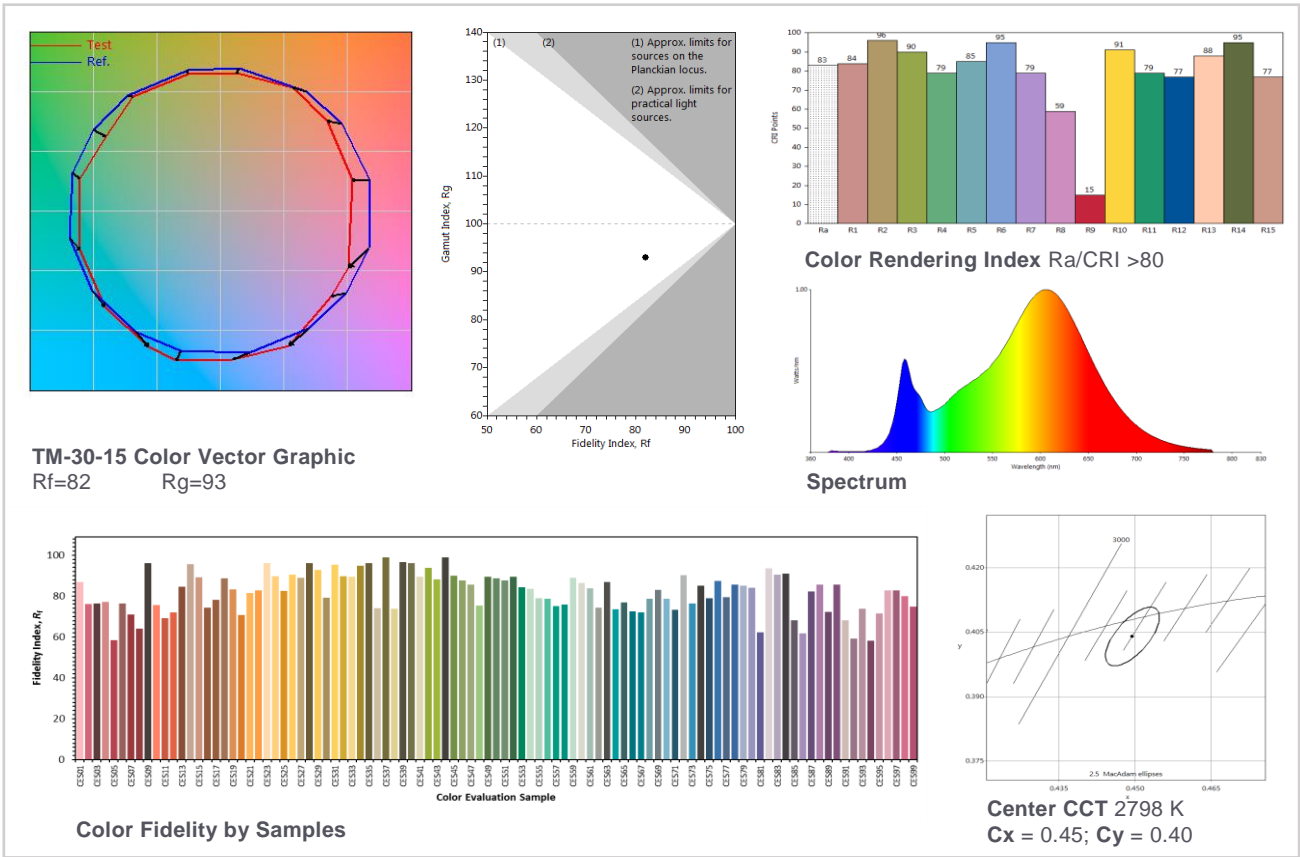
\* The value represents the CCT emitted by the product which differs from the original LED

### Color output data

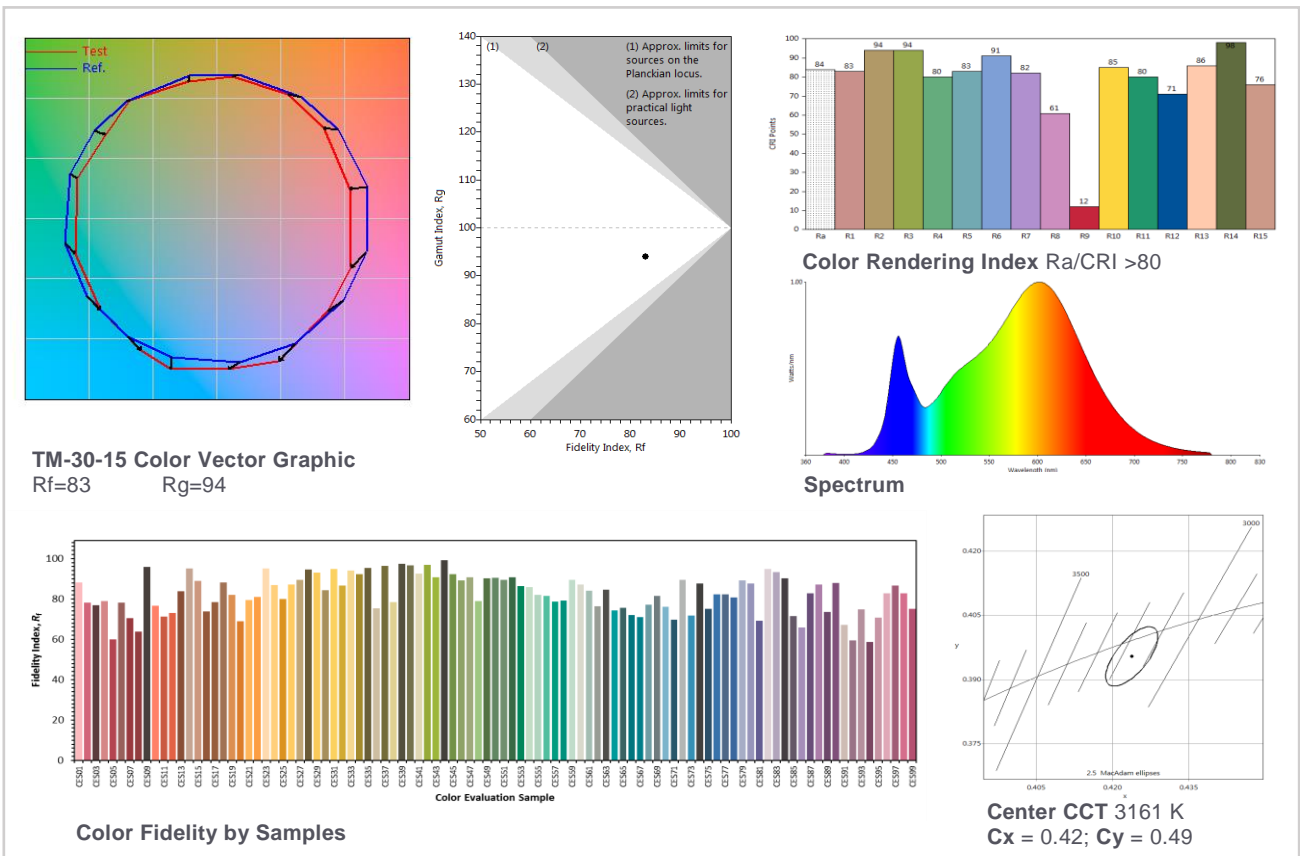
#### LR700SD-G1-827-xx



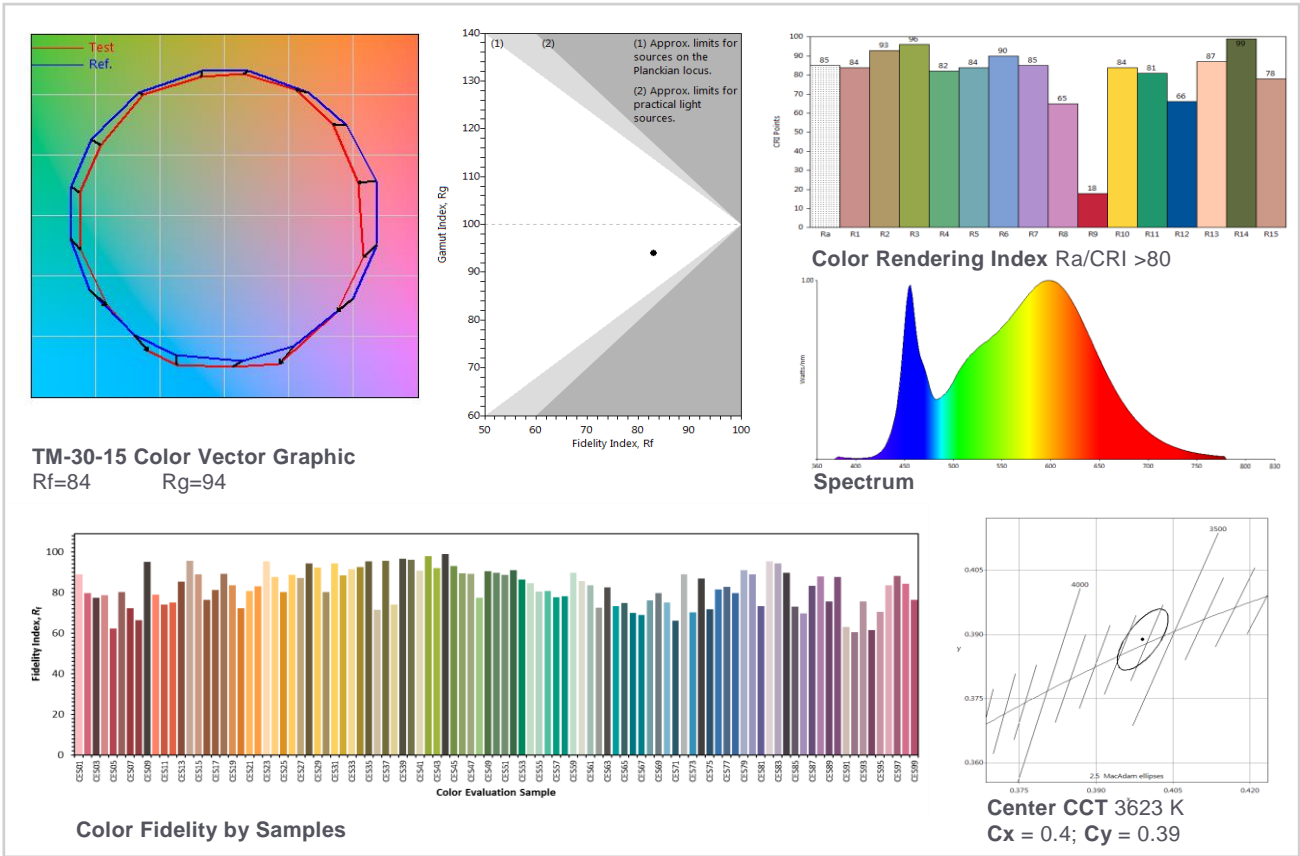
LR700SD-G1-830-xx



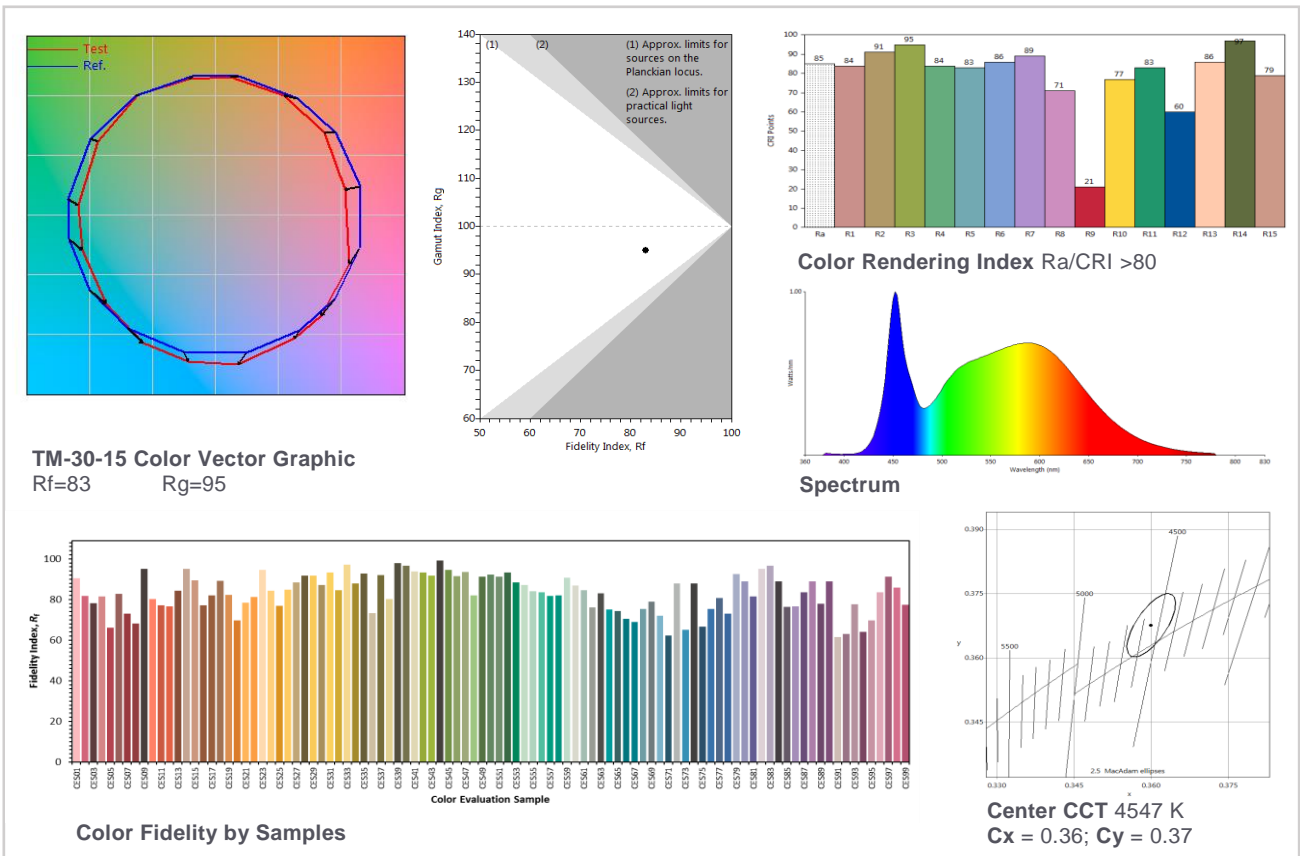
LR700SD-G1-835-xx



LR700SD-G1-840-xx



LR700SD-G1-850-xx



**Product description and Order code**

**Order Code example**



**Product Family**  
Linear Rigid Slim Diffuse....LR700SD






**Generation**  
Generation 1.....G1

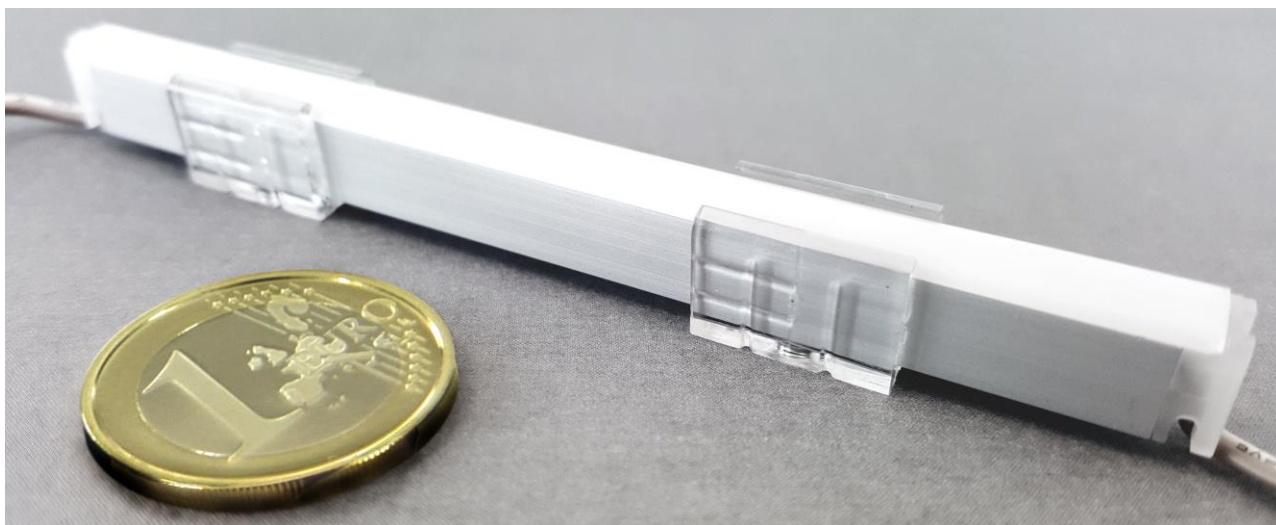
**CRI, CCT**  
CRI>80, 2500 K.....827  
CRI>80, 2800 K.....830  
CRI>80, 3100 K.....835  
CRI>80, 3600 K.....840  
CRI>80, 4500 K.....850

**Length**  
102 mm.....01  
285 mm.....03  
602 mm.....06  
875 mm.....09  
1195 mm.....12

Product name	EAN10	Dimensions (length x width x height)	EAN10 Package content
LR700SD-G1-827-01	4052899557314	102 x 6.5 x 9 mm	1x fixture
LR700SD-G1-830-01	4052899557338	102 x 6.5 x 9 mm	1x fixture
LR700SD-G1-835-01	4062172021418	102 x 6.5 x 9 mm	1x fixture
LR700SD-G1-840-01	4052899557352	102 x 6.5 x 9 mm	1x fixture
LR700SD-G1-850-01	4062172021432	102 x 6.5 x 9 mm	1x fixture
LR700SD-G1-827-03	4052899557451	285 x 6.5 x 9 mm	1x fixture
LR700SD-G1-830-03	4052899557475	285 x 6.5 x 9 mm	1x fixture
LR700SD-G1-835-03	4062172021456	285 x 6.5 x 9 mm	1x fixture
LR700SD-G1-840-03	4052899557499	285 x 6.5 x 9 mm	1x fixture
LR700SD-G1-850-03	4062172021487	285 x 6.5 x 9 mm	1x fixture
LR700SD-G1-827-06	4052899557536	602 x 6.5 x 9 mm	1x fixture
LR700SD-G1-830-06	4052899557550	602 x 6.5 x 9 mm	1x fixture
LR700SD-G1-835-06	4062172021500	602 x 6.5 x 9 mm	1x fixture
LR700SD-G1-840-06	4052899557574	602 x 6.5 x 9 mm	1x fixture
LR700SD-G1-850-06	4062172021524	602 x 6.5 x 9 mm	1x fixture
LR700SD-G1-827-09	4052899557611	875 x 6.5 x 9 mm	1x fixture
LR700SD-G1-830-09	4052899557635	875 x 6.5 x 9 mm	1x fixture
LR700SD-G1-835-09	4062172021548	875 x 6.5 x 9 mm	1x fixture
LR700SD-G1-840-09	4052899557659	875 x 6.5 x 9 mm	1x fixture
LR700SD-G1-850-09	4062172021562	875 x 6.5 x 9 mm	1x fixture
LR700SD-G1-827-12	4052899557697	1195 x 6.5 x 9 mm	1x fixture
LR700SD-G1-830-12	4052899557710	1195 x 6.5 x 9 mm	1x fixture
LR700SD-G1-835-12	4062172021586	1195 x 6.5 x 9 mm	1x fixture
LR700SD-G1-840-12	4052899557734	1195 x 6.5 x 9 mm	1x fixture
LR700SD-G1-850-12	4062172021609	1195 x 6.5 x 9 mm	1x fixture

**Accessories**

Product description	Product name	EAN10	EAN10 Package content
 Power cable	<b>LR700SD-G1-POWER CABLE 3000</b>	4062172027229	5 cables 3 m long
 Jumper	<b>LR700SD-G1-JUMPER CABLE 0300</b>	4062172027243	5 jumper cables 0.3 m long
 Magnet plate	<b>LR700SD-G1- PLATE FOR MAGNET</b>	4062172027267	10 plates, 20 screws
 Connector Mounting Bracket	<b>LR700SD-G1-BRACKET</b>	4062172027281	10 holders, 20 screws
 Plastic Clip	<b>LR700SD-G1-CLIP</b>	4062172026918	3 clips, 3 screws



Example of appearance with plastic clips.

For further information please visit [www.osram.com/flex](http://www.osram.com/flex)

**Disclaimer**

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.

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