

- High CRI LED optimized towards TM30
- ENEC approved drivers
- Warm dim version to 1800K available



## COLOURS

Available colours:



Matt white RAL 9016 (XX=MW)  
Matt black RAL 9005 (XX=BL)

## SPRINGS

Standard with GS spring (concrete/  
gyproc). Also available as above with  
WS spring (gyproc/metal).

# Linea 120 LV

## SPECIFICATIONS

|                            |                                                                                                                               |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Beam angle (FWHM)          | 24° / 60° / 80°                                                                                                               |
| Fixture material           | Housing: Die cast aluminium / Reflector glass: Polycarbonate                                                                  |
| Environment                | Indoor                                                                                                                        |
| IK rate                    | IK03                                                                                                                          |
| Operating temperature (Ta) | -20°C / +45°C                                                                                                                 |
| Safety marks               | EN60598 / EN62031 / EN62471                                                                                                   |
| EMC compliance             | EN55015                                                                                                                       |
| Colour consistency (SDCM)  | MacAdam step 3                                                                                                                |
| Warranty                   | 7 years * (within the European Union and the countries of the Free Trade Association for products delivered after 1 May 2015) |
| Safety class               | II                                                                                                                            |
| Energy class               | A                                                                                                                             |

This luminaire contains built-in LED lamps. There are no exchangeable parts inside the luminaire. EU 874/2012



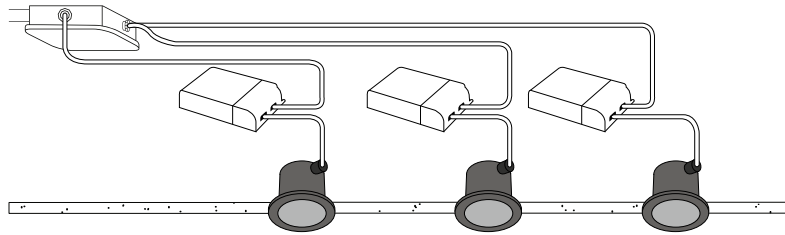
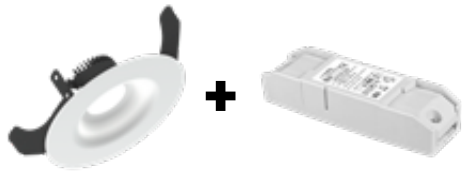
Only when the product is installed in a closed ceiling it may be exposed to water splashes, and only on its front side.

**IP20**

**IP44**

**LINEA 120** **LV 2700K**

Downlight incl. PSU

**ITEM SPECIFICATIONS (PART A)**

| Description                                 | Item code GS | Item code WS | Extra     | Input    | W    | Lm   | Lm/W | CRI (typ.) |
|---------------------------------------------|--------------|--------------|-----------|----------|------|------|------|------------|
| Linea 120 LV 2700K 1150Lm CRI97 24° No dim  | 895A03XX2U02 | 895A03XX9K02 | incl. PSU | 220-240V | 13,8 | 1150 | 83   | 97         |
| Linea 120 LV 2700K 1150Lm CRI97 24° Triac   | 895A03XX2K02 | 895A03XX9A02 | incl. PSU | 220-240V | 13,8 | 1150 | 83   | 97         |
| Linea 120 LV 2700K 1150Lm CRI97 24° Dali    | 895A03XX2L02 | 895A03XX9B02 | incl. PSU | 220-240V | 13,8 | 1150 | 83   | 97         |
| Linea 120 LV 2700K 1150Lm CRI97 24° Casambi | 895A03XX2M02 | 895A03XX9C02 | incl. PSU | 220-240V | 13,8 | 1150 | 83   | 97         |
| Linea 120 LV 2700K 1150Lm CRI97 60° No dim  | 895A03XX2V02 | 895A03XX9L02 | incl. PSU | 220-240V | 13,8 | 1150 | 83   | 97         |
| Linea 120 LV 2700K 1150Lm CRI97 60° Triac   | 895A03XX2N02 | 895A03XX9D02 | incl. PSU | 220-240V | 13,8 | 1150 | 83   | 97         |
| Linea 120 LV 2700K 1150Lm CRI97 60° Dali    | 895A03XX2P02 | 895A03XX9E02 | incl. PSU | 220-240V | 13,8 | 1150 | 83   | 97         |
| Linea 120 LV 2700K 1150Lm CRI97 60° Casambi | 895A03XX2Q02 | 895A03XX9F02 | incl. PSU | 220-240V | 13,8 | 1150 | 83   | 97         |
| Linea 120 LV 2700K 1150Lm CRI97 80° No dim  | 895A03XX2W02 | 895A03XX9M02 | incl. PSU | 220-240V | 13,8 | 1150 | 83   | 97         |
| Linea 120 LV 2700K 1150Lm CRI97 80° Triac   | 895A03XX2R02 | 895A03XX9G02 | incl. PSU | 220-240V | 13,8 | 1150 | 83   | 97         |
| Linea 120 LV 2700K 1150Lm CRI97 80° Dali    | 895A03XX2S02 | 895A03XX9H02 | incl. PSU | 220-240V | 13,8 | 1150 | 83   | 97         |
| Linea 120 LV 2700K 1150Lm CRI97 80° Casambi | 895A03XX2T02 | 895A03XX9J02 | incl. PSU | 220-240V | 13,8 | 1150 | 83   | 97         |

**ITEM SPECIFICATIONS (PART B)**

| Description                                 | R9 | Rf | Rg  | R15 | UGR  | Pf   | Ripple | Inrush  | B16A   |
|---------------------------------------------|----|----|-----|-----|------|------|--------|---------|--------|
| Linea 120 LV 2700K 1150Lm CRI97 24° No dim  | 93 | 96 | 103 | 99  | 23.1 | 0.95 | <3%    | 5A 50µS | 50 pcs |
| Linea 120 LV 2700K 1150Lm CRI97 24° Triac   | 93 | 96 | 103 | 99  | 23.1 | 0.95 | <3%    | 2A 50µS | 50 pcs |
| Linea 120 LV 2700K 1150Lm CRI97 24° Dali    | 93 | 96 | 103 | 99  | 23.1 | 0.92 | <3%    | 5A 50µS | 50 pcs |
| Linea 120 LV 2700K 1150Lm CRI97 24° Casambi | 93 | 96 | 103 | 99  | 23.1 | 0.95 | <3%    | 5A 50µS | 50 pcs |
| Linea 120 LV 2700K 1150Lm CRI97 60° No dim  | 93 | 96 | 103 | 99  | 24.0 | 0.95 | <3%    | 5A 50µS | 50 pcs |
| Linea 120 LV 2700K 1150Lm CRI97 60° Triac   | 93 | 96 | 103 | 99  | 24.0 | 0.95 | <3%    | 2A 50µS | 50 pcs |
| Linea 120 LV 2700K 1150Lm CRI97 60° Dali    | 93 | 96 | 103 | 99  | 24.0 | 0.92 | <3%    | 5A 50µS | 50 pcs |
| Linea 120 LV 2700K 1150Lm CRI97 60° Casambi | 93 | 96 | 103 | 99  | 24.0 | 0.95 | <3%    | 5A 50µS | 50 pcs |
| Linea 120 LV 2700K 1150Lm CRI97 80° No dim  | 93 | 96 | 103 | 99  | 24.5 | 0.95 | <3%    | 5A 50µS | 50 pcs |
| Linea 120 LV 2700K 1150Lm CRI97 80° Triac   | 93 | 96 | 103 | 99  | 24.5 | 0.95 | <3%    | 2A 50µS | 50 pcs |
| Linea 120 LV 2700K 1150Lm CRI97 80° Dali    | 93 | 96 | 103 | 99  | 24.5 | 0.92 | <3%    | 5A 50µS | 50 pcs |
| Linea 120 LV 2700K 1150Lm CRI97 80° Casambi | 93 | 96 | 103 | 99  | 24.5 | 0.95 | <3%    | 5A 50µS | 50 pcs |

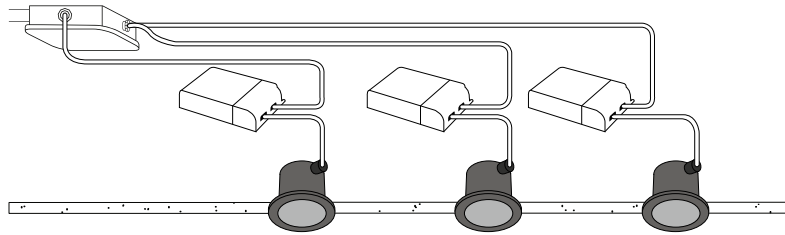
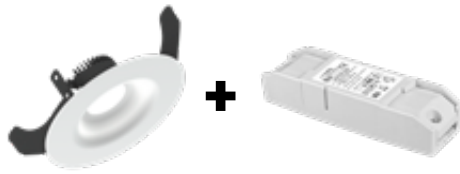
**ITEM SPECIFICATIONS (PART C)**

| Description                                 | Safety class | Energy class | Weight | Dimensions single carton | Quantity per carton | Expected lifespan (25°C) |             |             |
|---------------------------------------------|--------------|--------------|--------|--------------------------|---------------------|--------------------------|-------------|-------------|
|                                             |              |              |        |                          |                     | L70B50                   | L80B50      | L90B50      |
| Linea 120 LV 2700K 1150Lm CRI97 24° No dim  | II           | A            | 565 gr | 233x233x85 mm            | 20 pcs              | >70.000 hrs              | >70.000 hrs | >37.000 hrs |
| Linea 120 LV 2700K 1150Lm CRI97 24° Triac   | II           | A            | 565 gr | 233x233x85 mm            | 20 pcs              | >70.000 hrs              | >70.000 hrs | >37.000 hrs |
| Linea 120 LV 2700K 1150Lm CRI97 24° Dali    | II           | A            | 565 gr | 233x233x85 mm            | 20 pcs              | >70.000 hrs              | >70.000 hrs | >37.000 hrs |
| Linea 120 LV 2700K 1150Lm CRI97 24° Casambi | II           | A            | 565 gr | 233x233x85 mm            | 20 pcs              | >70.000 hrs              | >70.000 hrs | >37.000 hrs |
| Linea 120 LV 2700K 1150Lm CRI97 60° No dim  | II           | A            | 565 gr | 233x233x85 mm            | 20 pcs              | >70.000 hrs              | >70.000 hrs | >37.000 hrs |
| Linea 120 LV 2700K 1150Lm CRI97 60° Triac   | II           | A            | 565 gr | 233x233x85 mm            | 20 pcs              | >70.000 hrs              | >70.000 hrs | >37.000 hrs |
| Linea 120 LV 2700K 1150Lm CRI97 60° Dali    | II           | A            | 565 gr | 233x233x85 mm            | 20 pcs              | >70.000 hrs              | >70.000 hrs | >37.000 hrs |
| Linea 120 LV 2700K 1150Lm CRI97 60° Casambi | II           | A            | 565 gr | 233x233x85 mm            | 20 pcs              | >70.000 hrs              | >70.000 hrs | >37.000 hrs |
| Linea 120 LV 2700K 1150Lm CRI97 80° No dim  | II           | A            | 565 gr | 233x233x85 mm            | 20 pcs              | >70.000 hrs              | >70.000 hrs | >37.000 hrs |
| Linea 120 LV 2700K 1150Lm CRI97 80° Triac   | II           | A            | 565 gr | 233x233x85 mm            | 20 pcs              | >70.000 hrs              | >70.000 hrs | >37.000 hrs |
| Linea 120 LV 2700K 1150Lm CRI97 80° Dali    | II           | A            | 565 gr | 233x233x85 mm            | 20 pcs              | >70.000 hrs              | >70.000 hrs | >37.000 hrs |
| Linea 120 LV 2700K 1150Lm CRI97 80° Casambi | II           | A            | 565 gr | 233x233x85 mm            | 20 pcs              | >70.000 hrs              | >70.000 hrs | >37.000 hrs |

All values are measured at 230V (+/- 7%)

## LINEA 120 LV 3000K

Downlight incl. PSU



### ITEM SPECIFICATIONS (PART A)

| Description                                 | Item code GS | Item code WS | Extra     | Input    | W    | Lm   | Lm/W | CRI (typ.) |
|---------------------------------------------|--------------|--------------|-----------|----------|------|------|------|------------|
| Linea 120 LV 3000K 1250Lm CRI97 24° No dim  | 895B03XX2U02 | 895B03XX9K02 | incl. PSU | 220-240V | 13,8 | 1250 | 91   | 97         |
| Linea 120 LV 3000K 1250Lm CRI97 24° Triac   | 895B03XX2K02 | 895B03XX9A02 | incl. PSU | 220-240V | 13,8 | 1250 | 91   | 97         |
| Linea 120 LV 3000K 1250Lm CRI97 24° Dali    | 895B03XX2L02 | 895B03XX9B02 | incl. PSU | 220-240V | 13,8 | 1250 | 91   | 97         |
| Linea 120 LV 3000K 1250Lm CRI97 24° Casambi | 895B03XX2M02 | 895B03XX9C02 | incl. PSU | 220-240V | 13,8 | 1250 | 91   | 97         |
| Linea 120 LV 3000K 1250Lm CRI97 60° No dim  | 895B03XX2V02 | 895B03XX9L02 | incl. PSU | 220-240V | 13,8 | 1250 | 91   | 97         |
| Linea 120 LV 3000K 1250Lm CRI97 60° Triac   | 895B03XX2N02 | 895B03XX9D02 | incl. PSU | 220-240V | 13,8 | 1250 | 91   | 97         |
| Linea 120 LV 3000K 1250Lm CRI97 60° Dali    | 895B03XX2P02 | 895B03XX9E02 | incl. PSU | 220-240V | 13,8 | 1250 | 91   | 97         |
| Linea 120 LV 3000K 1250Lm CRI97 60° Casambi | 895B03XX2Q02 | 895B03XX9F02 | incl. PSU | 220-240V | 13,8 | 1250 | 91   | 97         |
| Linea 120 LV 3000K 1250Lm CRI97 80° No dim  | 895B03XX2W02 | 895B03XX9M02 | incl. PSU | 220-240V | 13,8 | 1250 | 91   | 97         |
| Linea 120 LV 3000K 1250Lm CRI97 80° Triac   | 895B03XX2R02 | 895B03XX9G02 | incl. PSU | 220-240V | 13,8 | 1250 | 91   | 97         |
| Linea 120 LV 3000K 1250Lm CRI97 80° Dali    | 895B03XX2S02 | 895B03XX9H02 | incl. PSU | 220-240V | 13,8 | 1250 | 91   | 97         |
| Linea 120 LV 3000K 1250Lm CRI97 80° Casambi | 895B03XX2T02 | 895B03XX9J02 | incl. PSU | 220-240V | 13,8 | 1250 | 91   | 97         |

### ITEM SPECIFICATIONS (PART B)

| Description                                 | R9 | Rf | Rg  | R15 | UGR  | Pf   | Ripple | Inrush  | B16A   |
|---------------------------------------------|----|----|-----|-----|------|------|--------|---------|--------|
| Linea 120 LV 3000K 1250Lm CRI97 24° No dim  | 96 | 95 | 103 | 100 | 23.1 | 0.95 | <3%    | 5A 50µs | 50 pcs |
| Linea 120 LV 3000K 1250Lm CRI97 24° Triac   | 96 | 95 | 103 | 100 | 23.1 | 0.95 | <3%    | 2A 50µs | 50 pcs |
| Linea 120 LV 3000K 1250Lm CRI97 24° Dali    | 96 | 95 | 103 | 100 | 23.1 | 0.92 | <3%    | 5A 50µs | 50 pcs |
| Linea 120 LV 3000K 1250Lm CRI97 24° Casambi | 96 | 95 | 103 | 100 | 23.1 | 0.95 | <3%    | 5A 50µs | 50 pcs |
| Linea 120 LV 3000K 1250Lm CRI97 60° No dim  | 96 | 95 | 103 | 100 | 24.0 | 0.95 | <3%    | 5A 50µs | 50 pcs |
| Linea 120 LV 3000K 1250Lm CRI97 60° Triac   | 96 | 95 | 103 | 100 | 24.0 | 0.95 | <3%    | 2A 50µs | 50 pcs |
| Linea 120 LV 3000K 1250Lm CRI97 60° Dali    | 96 | 95 | 103 | 100 | 24.0 | 0.92 | <3%    | 5A 50µs | 50 pcs |
| Linea 120 LV 3000K 1250Lm CRI97 60° Casambi | 96 | 95 | 103 | 100 | 24.0 | 0.95 | <3%    | 5A 50µs | 50 pcs |
| Linea 120 LV 3000K 1250Lm CRI97 80° No dim  | 96 | 95 | 103 | 100 | 24.5 | 0.95 | <3%    | 5A 50µs | 50 pcs |
| Linea 120 LV 3000K 1250Lm CRI97 80° Triac   | 96 | 95 | 103 | 100 | 24.5 | 0.95 | <3%    | 2A 50µs | 50 pcs |
| Linea 120 LV 3000K 1250Lm CRI97 80° Dali    | 96 | 95 | 103 | 100 | 24.5 | 0.92 | <3%    | 5A 50µs | 50 pcs |
| Linea 120 LV 3000K 1250Lm CRI97 80° Casambi | 96 | 95 | 103 | 100 | 24.5 | 0.95 | <3%    | 5A 50µs | 50 pcs |

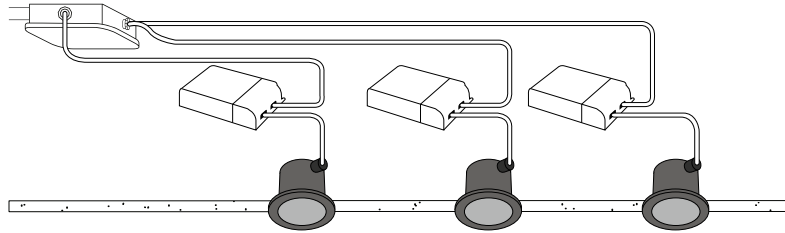
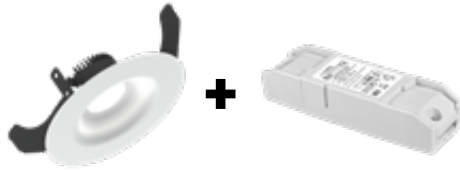
### ITEM SPECIFICATIONS (PART C)

| Description                                 | Safety class | Energy class | Weight | Dimensions single carton | Quantity per carton | Expected lifespan (25°C) |             |             |
|---------------------------------------------|--------------|--------------|--------|--------------------------|---------------------|--------------------------|-------------|-------------|
|                                             |              |              |        |                          |                     | L70B50                   | L80B50      | L90B50      |
| Linea 120 LV 3000K 1250Lm CRI97 24° No dim  | II           | A            | 565 gr | 233x233x85 mm            | 20 pcs              | >70.000 hrs              | >70.000 hrs | >37.000 hrs |
| Linea 120 LV 3000K 1250Lm CRI97 24° Triac   | II           | A            | 565 gr | 233x233x85 mm            | 20 pcs              | >70.000 hrs              | >70.000 hrs | >37.000 hrs |
| Linea 120 LV 3000K 1250Lm CRI97 24° Dali    | II           | A            | 565 gr | 233x233x85 mm            | 20 pcs              | >70.000 hrs              | >70.000 hrs | >37.000 hrs |
| Linea 120 LV 3000K 1250Lm CRI97 24° Casambi | II           | A            | 565 gr | 233x233x85 mm            | 20 pcs              | >70.000 hrs              | >70.000 hrs | >37.000 hrs |
| Linea 120 LV 3000K 1250Lm CRI97 60° No dim  | II           | A            | 565 gr | 233x233x85 mm            | 20 pcs              | >70.000 hrs              | >70.000 hrs | >37.000 hrs |
| Linea 120 LV 3000K 1250Lm CRI97 60° Triac   | II           | A            | 565 gr | 233x233x85 mm            | 20 pcs              | >70.000 hrs              | >70.000 hrs | >37.000 hrs |
| Linea 120 LV 3000K 1250Lm CRI97 60° Dali    | II           | A            | 565 gr | 233x233x85 mm            | 20 pcs              | >70.000 hrs              | >70.000 hrs | >37.000 hrs |
| Linea 120 LV 3000K 1250Lm CRI97 60° Casambi | II           | A            | 565 gr | 233x233x85 mm            | 20 pcs              | >70.000 hrs              | >70.000 hrs | >37.000 hrs |
| Linea 120 LV 3000K 1250Lm CRI97 80° No dim  | II           | A            | 565 gr | 233x233x85 mm            | 20 pcs              | >70.000 hrs              | >70.000 hrs | >37.000 hrs |
| Linea 120 LV 3000K 1250Lm CRI97 80° Triac   | II           | A            | 565 gr | 233x233x85 mm            | 20 pcs              | >70.000 hrs              | >70.000 hrs | >37.000 hrs |
| Linea 120 LV 3000K 1250Lm CRI97 80° Dali    | II           | A            | 565 gr | 233x233x85 mm            | 20 pcs              | >70.000 hrs              | >70.000 hrs | >37.000 hrs |
| Linea 120 LV 3000K 1250Lm CRI97 80° Casambi | II           | A            | 565 gr | 233x233x85 mm            | 20 pcs              | >70.000 hrs              | >70.000 hrs | >37.000 hrs |

All values are measured at 230V (+/- 7%)

## LINEA 120 LV 1800-3000K

Downlight incl. PSU



### ITEM SPECIFICATIONS (PART A)

| Description                                      | Item code GS | Item code WS | Extra     | Input    | W    | Lm   | Lm/W | CRI (typ.) |
|--------------------------------------------------|--------------|--------------|-----------|----------|------|------|------|------------|
| Linea 120 LV 1800-3000K 1250Lm CRI95 24° Triac   | 895E03XX2K02 | 895E03XX9A02 | incl. PSU | 220-240V | 13,8 | 1250 | 91   | 97         |
| Linea 120 LV 1800-3000K 1250Lm CRI95 24° Dali    | 895E03XX2L02 | 895E03XX9B02 | incl. PSU | 220-240V | 13,8 | 1250 | 91   | 97         |
| Linea 120 LV 1800-3000K 1250Lm CRI95 24° Casambi | 895E03XX2M02 | 895E03XX9C02 | incl. PSU | 220-240V | 13,8 | 1250 | 91   | 97         |
| Linea 120 LV 1800-3000K 1250Lm CRI95 60° Triac   | 895E03XX2N02 | 895E03XX9D02 | incl. PSU | 220-240V | 13,8 | 1250 | 91   | 97         |
| Linea 120 LV 1800-3000K 1250Lm CRI95 60° Dali    | 895E03XX2P02 | 895E03XX9E02 | incl. PSU | 220-240V | 13,8 | 1250 | 91   | 97         |
| Linea 120 LV 1800-3000K 1250Lm CRI95 60° Casambi | 895E03XX2Q02 | 895E03XX9F02 | incl. PSU | 220-240V | 13,8 | 1250 | 91   | 97         |
| Linea 120 LV 1800-3000K 1250Lm CRI95 80° Triac   | 895E03XX2R02 | 895E03XX9G02 | incl. PSU | 220-240V | 13,8 | 1250 | 91   | 97         |
| Linea 120 LV 1800-3000K 1250Lm CRI95 80° Dali    | 895E03XX2S02 | 895E03XX9H02 | incl. PSU | 220-240V | 13,8 | 1250 | 91   | 97         |
| Linea 120 LV 1800-3000K 1250Lm CRI95 80° Casambi | 895E03XX2T02 | 895E03XX9J02 | incl. PSU | 220-240V | 13,8 | 1250 | 91   | 97         |

### ITEM SPECIFICATIONS (PART B)

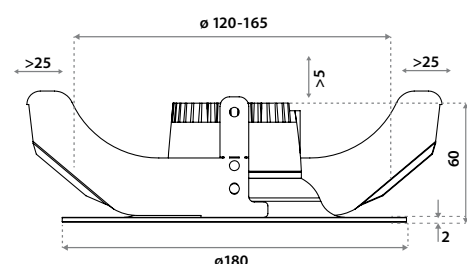
| Description                                      | R9 | Rf | Rg  | R15 | UGR  | Pf   | Ripple | Inrush  | B16A   |
|--------------------------------------------------|----|----|-----|-----|------|------|--------|---------|--------|
| Linea 120 LV 1800-3000K 1250Lm CRI95 24° Triac   | 96 | 95 | 103 | 100 | 23.1 | 0.95 | <3%    | 2A 50µS | 50 pcs |
| Linea 120 LV 1800-3000K 1250Lm CRI95 24° Dali    | 96 | 95 | 103 | 100 | 23.1 | 0.92 | <3%    | 5A 50µS | 50 pcs |
| Linea 120 LV 1800-3000K 1250Lm CRI95 24° Casambi | 97 | 95 | 103 | 99  | 23.1 | 0.95 | <3%    | 5A 50µS | 50 pcs |
| Linea 120 LV 1800-3000K 1250Lm CRI95 60° Triac   | 97 | 95 | 103 | 99  | 24.0 | 0.95 | <3%    | 2A 50µS | 50 pcs |
| Linea 120 LV 1800-3000K 1250Lm CRI95 60° Dali    | 97 | 95 | 103 | 99  | 24.0 | 0.92 | <3%    | 5A 50µS | 50 pcs |
| Linea 120 LV 1800-3000K 1250Lm CRI95 60° Casambi | 97 | 95 | 103 | 99  | 24.0 | 0.95 | <3%    | 5A 50µS | 50 pcs |
| Linea 120 LV 1800-3000K 1250Lm CRI95 80° Triac   | 97 | 95 | 103 | 99  | 24.5 | 0.95 | <3%    | 2A 50µS | 50 pcs |
| Linea 120 LV 1800-3000K 1250Lm CRI95 80° Dali    | 97 | 95 | 103 | 99  | 24.5 | 0.92 | <3%    | 5A 50µS | 50 pcs |
| Linea 120 LV 1800-3000K 1250Lm CRI95 80° Casambi | 97 | 95 | 103 | 99  | 24.5 | 0.95 | <3%    | 5A 50µS | 50 pcs |

### ITEM SPECIFICATIONS (PART C)

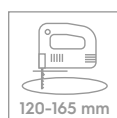
| Description                                      | Safety class | Energy class | Weight | Dimensions single carton | Quantity per carton | Expected lifespan (25°C) |             |             |
|--------------------------------------------------|--------------|--------------|--------|--------------------------|---------------------|--------------------------|-------------|-------------|
|                                                  |              |              |        |                          |                     | L70B50                   | L80B50      | L90B50      |
| Linea 120 LV 1800-3000K 1250Lm CRI95 24° Triac   | II           | A            | 565 gr | 233x233x85 mm            | 20 pcs              | >70.000 hrs              | >70.000 hrs | >37.000 hrs |
| Linea 120 LV 1800-3000K 1250Lm CRI95 24° Dali    | II           | A            | 565 gr | 233x233x85 mm            | 20 pcs              | >70.000 hrs              | >70.000 hrs | >37.000 hrs |
| Linea 120 LV 1800-3000K 1250Lm CRI95 24° Casambi | II           | A            | 565 gr | 233x233x85 mm            | 20 pcs              | >70.000 hrs              | >70.000 hrs | >37.000 hrs |
| Linea 120 LV 1800-3000K 1250Lm CRI95 60° Triac   | II           | A            | 565 gr | 233x233x85 mm            | 20 pcs              | >70.000 hrs              | >70.000 hrs | >37.000 hrs |
| Linea 120 LV 1800-3000K 1250Lm CRI95 60° Dali    | II           | A            | 565 gr | 233x233x85 mm            | 20 pcs              | >70.000 hrs              | >70.000 hrs | >37.000 hrs |
| Linea 120 LV 1800-3000K 1250Lm CRI95 60° Casambi | II           | A            | 565 gr | 233x233x85 mm            | 20 pcs              | >70.000 hrs              | >70.000 hrs | >37.000 hrs |
| Linea 120 LV 1800-3000K 1250Lm CRI95 80° Triac   | II           | A            | 565 gr | 233x233x85 mm            | 20 pcs              | >70.000 hrs              | >70.000 hrs | >37.000 hrs |
| Linea 120 LV 1800-3000K 1250Lm CRI95 80° Dali    | II           | A            | 565 gr | 233x233x85 mm            | 20 pcs              | >70.000 hrs              | >70.000 hrs | >37.000 hrs |
| Linea 120 LV 1800-3000K 1250Lm CRI95 80° Casambi | II           | A            | 565 gr | 233x233x85 mm            | 20 pcs              | >70.000 hrs              | >70.000 hrs | >37.000 hrs |

All values are measured at 230V (+/- 7%)

### DIMENSIONS

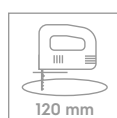


### HOLE SIZE



#### GS springs (concrete/gypoc) for 5-60mm material thickness

GS springs are ideally suited for quick mounting in hard ceiling tiles without support plates. GS springs do normally come with (larger) Linea luminaires only. Turning the luminaire anti-clockwise fixes it extra tightly in the tile.



#### WS springs (gypoc/metal) for 1-40mm material thickness

WS springs are traditional springs that are eminently suited for soft ceiling tiles in combination with support plates (that cannot be taken out of the ceiling). WS springs are not suitable for concrete ceilings and soft ceiling tiles without support plates.



## NEW STANDARDS REQUIRE NEW LEDS

TM-30 (new color norm): The Illuminating Engineering Society (IES) has published a new Technical Memorandum – TM-30-15 entitled “IES Method for Evaluating Light Source Color Rendition” – that promises to supplant CRI as a color metric. TM-30 relies on separate fidelity and gamut metrics, as well as a set of color samples that is more representative of real-world objects, as opposed to the pastel samples that were primarily used for the baseline CRI metric that was sometimes called Ra. The new color metric is intended to fairly and accurately characterize both LED-based solid-state lighting (SSL) and legacy sources.



### Desaturated

CRI = 80 / R<sub>g</sub> = 92



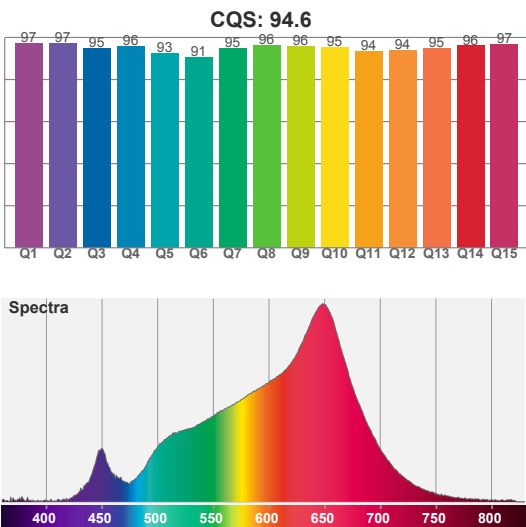
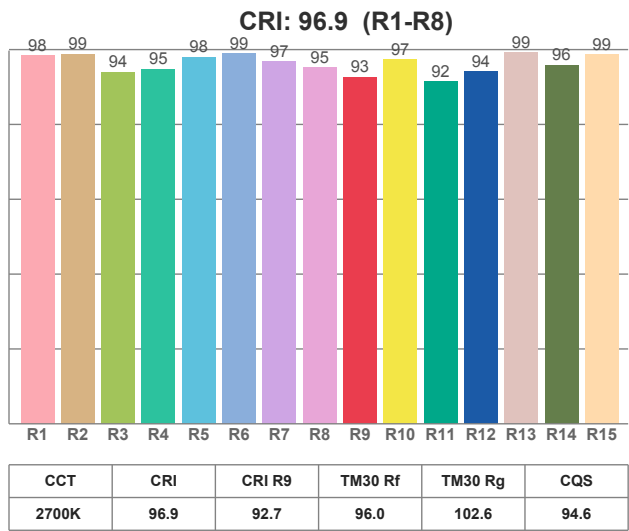
### Red-Enhanced

CRI = 98 / R<sub>g</sub> = 103

## SPECIAL LEDS AVAILABLE

| 75/90 LV         | CCT   | CRI | R9 | Rf | Rg  | R15 | TLCI | mA     | Lm   | W    | Lm/W |
|------------------|-------|-----|----|----|-----|-----|------|--------|------|------|------|
| Standard CRI97   | 2700K | 97  | 93 | 96 | 103 | 99  | 97   | 350 mA | 1150 | 13,8 | 83   |
| Standard CRI97   | 3000K | 97  | 96 | 95 | 103 | 100 | 97   | 350 mA | 1250 | 13,8 | 91   |
| CRI80            | 2700K | 82  | 5  | 82 | 92  | 75  | 69   | 250 mA | 1000 | 9,8  | 102  |
| CRI80            | 2700K | 82  | 5  | 82 | 92  | 75  | 69   | 350 mA | 1350 | 13,8 | 98   |
| CRI80            | 3000K | 82  | 5  | 81 | 93  | 75  | 66   | 250 mA | 1100 | 9,8  | 112  |
| CRI80            | 3000K | 82  | 5  | 81 | 93  | 75  | 66   | 350 mA | 1400 | 13,8 | 101  |
| CRI80            | 4000K | 82  | 5  | 81 | 93  | 74  | 66   | 250 mA | 1150 | 9,8  | 117  |
| CRI80            | 4000K | 82  | 5  | 81 | 93  | 74  | 66   | 350 mA | 1500 | 13,8 | 109  |
| CrispWhite       | 3000K | 90  | 61 | 87 | 102 | 89  | 83   | 350 mA | 780  | 13,8 | 57   |
| CrispColor       | 2700K | 94  | 96 | 93 | 106 | 95  | 93   | 350 mA | 780  | 13,8 | 57   |
| CrispColor       | 3000K | 91  | 93 | 91 | 103 | 96  | 96   | 350 mA | 825  | 13,8 | 60   |
| CrispColor       | 3250K | 93  | 95 | 90 | 101 | 96  | 97   | 350 mA | 870  | 13,8 | 63   |
| CrispColor       | 3500K | 95  | 96 | 91 | 102 | 95  | 96   | 350 mA | 880  | 13,8 | 64   |
| CrispColor       | 4000K | 95  | 96 | 90 | 101 | 95  | 96   | 350 mA | 1050 | 13,8 | 76   |
| CrispColor       | 5000K | 95  | 96 | 88 | 99  | 94  | 95   | 350 mA | 850  | 13,8 | 62   |
| AtmoSphere       | 2200K | 92  | 55 | 90 | 99  | 87  | 88   | 350 mA | 780  | 13,8 | 57   |
| Bread & Pastries | 2700K | 92  | 54 | 89 | 96  | 86  | 91   | 350 mA | 770  | 13,8 | 56   |
| Produce          | 3000K | 91  | 93 | 91 | 103 | 96  | 96   | 350 mA | 725  | 13,8 | 53   |
| Red Meat         | 1800K | 82  | 81 | 77 | 119 | 95  | 60   | 350 mA | 515  | 13,8 | 37   |
| Marbled Meat     | 3000K | 63  | 32 | 78 | 115 | 46  | 72   | 350 mA | 475  | 13,8 | 34   |
| Fish             | 6500K | 96  | 96 | 89 | 98  | 94  | 96   | 350 mA | 825  | 13,8 | 60   |

2700K



3000K

