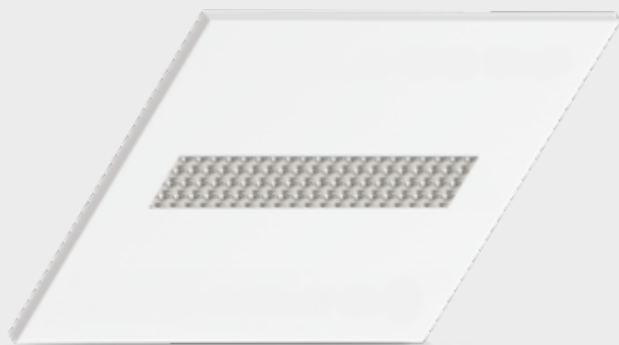


#### FEATURES

- Bartenbach reflector technology
- High efficacy (up to 182 Lm/W)
- Low UGR (<11)

**Bartenbach**  
lighting optics



**Ceiling plate:** Matt white RAL 9016  
**Reflector cups:** Chrome



**Ceiling plate:** Matt white RAL 9016  
**Reflector cups:** White (on request)

## Linessa 1L 595x595/620x620 LV

### SPECIFICATIONS

|                            |   |
|----------------------------|---|
| Item code                  | 595x595 mm (XX=C1), 620x620 mm (XX=C7) see item specifications  |
| Colour                     | Ceiling plate: Matt white RAL 9016 (=MW) / Reflector cups: chrome (standard) or white (on request)                            |
| Beam angle (FWHM)          | Reflector cups chrome: 77° / Reflector cups white 86° (on request)  |
| UGR (4H8H 70/50/20)        | <16   |
| Fixture material           | Housing: Steel / Reflector optic: Polycarbonate   |
| Environment                | Indoor  |
| IK rate                    | IK03  |
| Operating temperature (Ta) | -20°C / +45°C <sup>1</sup>  |
| Safety marks               | EN60598 / EN62031 / EN 62471  |
| 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) |
| Energy class               | These products contains a light source of energy efficiency class F (2700-6500K) / F (3000K) / E (4000K)                      |

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

<sup>1</sup> In applications with a flat roof (fi. car showrooms) the temperatures may exceed 45°C. Please ask our sales office for a special driver.



IP20

## ITEM SPECIFICATIONS (PART A)

| Description                          | Item code chrome | Input    | mA  | W    | Lm   | Lm/W | CRI (typ.) | UGR  | Pf   | Ripple | Inrush current | B-16A Fuse |
|--------------------------------------|------------------|----------|-----|------|------|------|------------|------|------|--------|----------------|------------|
| Linessa 1L 3150Lm 3000K No dim       | 3DXX03CHXA02     | 220-240V | 500 | 23,8 | 3150 | 132  | 83         | 17,0 | 0,95 | <3%    | 5A 50μS        | 50 pcs     |
| Linessa 1L 3150Lm 3000K 1-10V & Push | 3DXX03CHXE02     | 220-240V | 500 | 23,8 | 3150 | 132  | 83         | 17,0 | 0,95 | <3%    | 5A 50μS        | 50 pcs     |
| Linessa 1L 3150Lm 3000K Dali         | 3DXX03CHXC02     | 220-240V | 500 | 23,8 | 3150 | 132  | 83         | 17,0 | 0,95 | <3%    | 5A 50μS        | 50 pcs     |
| Linessa 1L 4350Lm 3000K No dim       | 3DXX03CHSG02     | 220-240V | 700 | 33,6 | 4350 | 129  | 83         | 18,2 | 0,95 | <3%    | 5A 50μS        | 50 pcs     |
| Linessa 1L 4350Lm 3000K 1-10V & Push | 3DXX03CHSM02     | 220-240V | 700 | 33,6 | 4350 | 129  | 83         | 18,2 | 0,95 | <3%    | 5A 50μS        | 50 pcs     |
| Linessa 1L 4350Lm 3000K Dali         | 3DXX03CHSK02     | 220-240V | 700 | 33,6 | 4350 | 129  | 83         | 18,2 | 0,95 | <3%    | 5A 50μS        | 50 pcs     |
| Linessa 1L 3300Lm 4000K No dim       | 3DXX03CHXB02     | 220-240V | 500 | 23,8 | 3300 | 139  | 83         | 17,2 | 0,95 | <3%    | 5A 50μS        | 50 pcs     |
| Linessa 1L 3300Lm 4000K 1-10V & Push | 3DXX03CHXF02     | 220-240V | 500 | 23,8 | 3300 | 139  | 83         | 17,2 | 0,95 | <3%    | 5A 50μS        | 50 pcs     |
| Linessa 1L 3300Lm 4000K Dali         | 3DXX03CHXD02     | 220-240V | 500 | 23,8 | 3300 | 139  | 83         | 17,2 | 0,95 | <3%    | 5A 50μS        | 50 pcs     |
| Linessa 1L 4500Lm 4000K No dim       | 3DXX03CHSH02     | 220-240V | 700 | 33,6 | 4750 | 134  | 83         | 18,3 | 0,95 | <3%    | 5A 50μS        | 50 pcs     |
| Linessa 1L 4500Lm 4000K 1-10V & Push | 3DXX03CHSN02     | 220-240V | 700 | 33,6 | 4750 | 134  | 83         | 18,3 | 0,95 | <3%    | 5A 50μS        | 50 pcs     |
| Linessa 1L 4500Lm 4000K Dali         | 3DXX03CHSL02     | 220-240V | 700 | 33,6 | 4750 | 134  | 83         | 18,3 | 0,95 | <3%    | 5A 50μS        | 50 pcs     |
| Linessa 1L 3300Lm 2700-6500K Dali    | 3DXX03CHSJ02     | 220-240V | 500 | 23,8 | 3300 | 139  | 83         | 17,2 | 0,90 | <3%    | 5A 50μS        | 50 pcs     |
| Linessa 1L 3300Lm 2700-6500K Casambi | 3DXX03CHSQ02     | 220-240V | 500 | 23,8 | 3300 | 139  | 83         | 17,2 | 0,90 | <3%    | 5A 50μS        | 50 pcs     |

## ITEM SPECIFICATIONS (PART B)

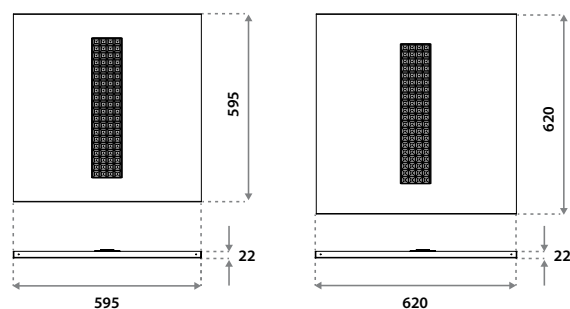
| Description                          | Safety class | Energy class | Weight  | Dimensions single carton | Quantity per pallet | Expected lifespan B10 reported (25°C) |             |             |
|--------------------------------------|--------------|--------------|---------|--------------------------|---------------------|---------------------------------------|-------------|-------------|
|                                      |              |              |         |                          |                     | L70B10                                | L80B10      | L90B10      |
| Linessa 1L 3150Lm 3000K No dim       | II           | F            | 4240 gr | 605x605x90 mm*           | 66 pcs              | >54.000 hrs                           | >54.000 hrs | >54.000 hrs |
| Linessa 1L 3150Lm 3000K 1-10V & Push | II           | F            | 4240 gr | 605x605x90 mm*           | 66 pcs              | >54.000 hrs                           | >54.000 hrs | >54.000 hrs |
| Linessa 1L 3150Lm 3000K Dali         | II           | F            | 4240 gr | 605x605x90 mm*           | 66 pcs              | >54.000 hrs                           | >54.000 hrs | >54.000 hrs |
| Linessa 1L 4350Lm 3000K No dim       | I            | F            | 4240 gr | 605x605x90 mm*           | 66 pcs              | >54.000 hrs                           | >54.000 hrs | >54.000 hrs |
| Linessa 1L 4350Lm 3000K 1-10V & Push | II           | F            | 4240 gr | 605x605x90 mm*           | 66 pcs              | >54.000 hrs                           | >54.000 hrs | >54.000 hrs |
| Linessa 1L 4350Lm 3000K Dali         | II           | F            | 4240 gr | 605x605x90 mm*           | 66 pcs              | >54.000 hrs                           | >54.000 hrs | >54.000 hrs |
| Linessa 1L 3300Lm 4000K No dim       | II           | E            | 4240 gr | 605x605x90 mm*           | 66 pcs              | >54.000 hrs                           | >54.000 hrs | >54.000 hrs |
| Linessa 1L 3300Lm 4000K 1-10V & Push | II           | E            | 4240 gr | 605x605x90 mm*           | 66 pcs              | >54.000 hrs                           | >54.000 hrs | >54.000 hrs |
| Linessa 1L 3300Lm 4000K Dali         | II           | E            | 4240 gr | 605x605x90 mm*           | 66 pcs              | >54.000 hrs                           | >54.000 hrs | >54.000 hrs |
| Linessa 1L 4500Lm 4000K No dim       | I            | E            | 4240 gr | 605x605x90 mm*           | 66 pcs              | >54.000 hrs                           | >54.000 hrs | >54.000 hrs |
| Linessa 1L 4500Lm 4000K 1-10V & Push | II           | E            | 4240 gr | 605x605x90 mm*           | 66 pcs              | >54.000 hrs                           | >54.000 hrs | >54.000 hrs |
| Linessa 1L 4500Lm 4000K Dali         | II           | E            | 4240 gr | 605x605x90 mm*           | 66 pcs              | >54.000 hrs                           | >54.000 hrs | >54.000 hrs |
| Linessa 1L 3300Lm 2700-6500K Dali    | I            | F            | 4240 gr | 605x605x90 mm*           | 66 pcs              | >54.000 hrs                           | >54.000 hrs | >54.000 hrs |
| Linessa 1L 3300Lm 2700-6500K Casambi | I            | F            | 4240 gr | 605x605x90 mm*           | 66 pcs              | >54.000 hrs                           | >54.000 hrs | >54.000 hrs |

All values are measured at 230V (+/- 7%). \*Dimensions single carton Linessa 620x620 = 630x622x80 mm

## CHOOSE YOUR LUMEN OUTPUT

| Item            | mA   | W    | Lumen Output |       | Lumen / Watt |       | UGR chrome |       | Driver types |            |        | mA     | Lm   | Driver types |            |
|-----------------|------|------|--------------|-------|--------------|-------|------------|-------|--------------|------------|--------|--------|------|--------------|------------|
|                 |      |      | 3000K        | 4000K | 3000K        | 4000K | 3000K      | 4000K | No dim       | 1-10V&Push | Dali   |        |      | 2700-6500k   | Dali       |
| Special request | 350  | 16,6 | 2250         | 2350  | 136          | 142   | 15.9       | 16.0  | 127570       | 125421     | 127576 | 2x350  | 2350 | x            | x          |
| Standard        | 500  | 23,8 | 3150         | 3300  | 132          | 139   | 17.0       | 17.2  | 127570       | 125421     | 127576 | 2x500  | 3300 | DL562/A      | DL562/A-C  |
| Special request | 600  | 28,6 | 3750         | 3900  | 131          | 136   | 17.6       | 17.8  | 127480N      | 125421     | 123424 | 2x600  | 3900 | On request   | On request |
| Standard        | 700  | 33,6 | 4350         | 4500  | 129          | 134   | 18.2       | 18.3  | 127480N      | 125421     | 123424 | 2x700  | 4500 | On request   | On request |
| Special request | 900  | 43,5 | x            | x     | x            | x     | x          | x     | x            | x          | x      | 2x900  | x    | On request   | On request |
| Special request | 1050 | 51,0 | x            | x     | x            | x     | x          | x     | x            | x          | x      | 2x1050 | x    | On request   | On request |

## DIMENSIONS



## OPTIONAL PLUG & PLAY CABLES

| Description   | Class | Length | Item code    | Length | Item code    | Length | Item code    |
|---|-------|--------|--------------|--------|--------------|--------|--------------|
| <b>A</b> Euro plug incl. cable                          | II    | 0.3 m  | x            | 2.0 m  | 015203BL1200 | 3.0 m  | x            |
| <b>B</b> Schuko plug incl. cable                        | I     | 0.3 m  | x            | 1.5 m  | 1C5203BLA000 | 3.0 m  | x            |
| <b>C</b> UK plug incl. cable                            | II    | 0.3 m  | x            | 2.0 m  | 0A5203BL1200 | 3.0 m  | x            |
| <b>D</b> GST18-3 male incl. cable 2x0.75mm <sup>2</sup> | II    | 0.3 m  | 455203BL0000 | 2.0 m  | x            | 3.0 m  | 455203BL1500 |
| <b>D</b> GST18-3 male incl. cable 3x0.75mm <sup>2</sup> | I     | 0.3 m  | 4A5203BL0000 | 2.0 m  | x            | 3.0 m  | 4A5203BL1500 |
| <b>E</b> 1-10V/Dali GST18-5 male incl. cable            | II    | 0.3 m  | 655203BL0000 | 2.0 m  | x            | 3.0 m  | 655203BL1500 |
| <b>F</b> 1-10V/Dali BST14i male incl. cable             | III   | 0.3 m  | 095203BL0000 | 2.0 m  | x            | 3.0 m  | 095203BL1500 |
| <b>G</b> GST18-3 T-splitter male incl. cable            | II    | 0.2 m  | 459203BL0000 | 2.0 m  | x            | 3.0 m  | x            |
| <b>H</b> 1-10V/Dali BST14i T-splitter male incl. cable  | III   | 0.2 m  | 099203BL0000 | 2.0 m  | x            | 3.0 m  | x            |



## EXAMPLE PLUG & PLAY

