

FEATURES

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



COLOURS

Available colours:



| Nr | Housing | Inside ring |
|-------|------------|-------------|
| | RAL 9016 | |
| XX=61 | Matt white | Gold |
| XX=62 | Matt white | Black |
| XX=65 | Matt white | White |



| Nr | Housing | Inside ring |
|-------|------------|-------------|
| | RAL 9005 | |
| XX=71 | Matt black | Gold |
| XX=72 | Matt black | Black |
| XX=76 | Matt black | White |

SPRINGS

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

Fido 98 LV

Fixed

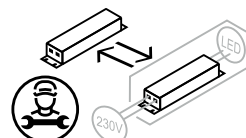
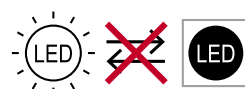
SPECIFICATIONS

| | |
|----------------------------|---|
| 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 ¹ |
| 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 | These products contains a light source of energy efficiency class G (1800-3000K) / F (2700K/3000K) / E (4000K) |

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

¹ In applications with a flat roof (f.i. car showrooms) the temperatures may exceed 45°C. Please ask our sales office for a special driver.

Ask our sales department about the possibilities for:
- Extra LED options from the LUXEON Stylist Series



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



CRI97 VARIATIONS

| | |
|------------------------------------|--------|
| Fido 98 LV 2700K CRI97 1150LM | page 3 |
| Fido 98 LV 3000K CRI97 1250LM | page 4 |
| Fido 98 LV 4000K CRI97 1350LM | page 5 |
| Fido 98 LV 1800-3000K CRI97 1250LM | page 6 |

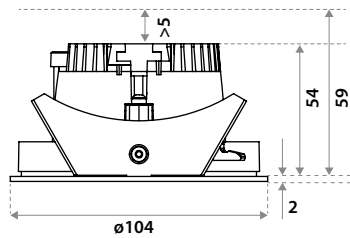
CRI97 CHOOSE YOUR LV LUMEN OUTPUT

| | mA | W | Lumen Output | | | Lumen / Watt | | | Driver types | | | | |
|-----------------|-----|------|--------------|-------|-------|--------------|-------|-------|--------------|--------|------------|--------|---------|
| | | | 2700K | 3000K | 4000K | 2700K | 3000K | 4000K | No dim | Triac | 1-10V&Push | Dali | Casambi |
| Special request | 125 | 5,0 | 475 | 500 | 525 | 95 | 100 | 105 | 127570 | x | x | x | x |
| Special request | 150 | 6,1 | 550 | 575 | 625 | 91 | 95 | 103 | 127570 | x | x | x | x |
| Special request | 200 | 8,1 | 700 | 750 | 825 | 86 | 93 | 102 | 127570 | x | x | x | X |
| Special request | 250 | 9,8 | 850 | 900 | 1000 | 87 | 92 | 102 | 127570 | x | x | 127576 | X |
| Special request | 300 | 12,0 | 1050 | 1100 | 1200 | 88 | 92 | 100 | 127570 | x | 125400 | 127576 | 127630 |
| Standard | 350 | 13,8 | 1150 | 1250 | 1350 | 83 | 91 | 98 | 127570 | 127030 | 125400 | 127576 | 127630 |

CRI80 ON REQUEST

| | mA | W | Lumen Output | | | Lumen / Watt | | | Driver types | | | | |
|-----------------|-----|------|--------------|-------|-------|--------------|-------|-------|--------------|--------|------------|--------|---------|
| | | | 2700K | 3000K | 4000K | 2700K | 3000K | 4000K | No dim | Triac | 1-10V&Push | Dali | Casambi |
| Special request | 125 | 5,0 | 575 | 625 | 650 | 115 | 125 | 130 | 127570 | x | x | x | x |
| Special request | 150 | 6,1 | 700 | 750 | 775 | 115 | 123 | 128 | 127570 | x | x | x | x |
| Special request | 200 | 8,1 | 925 | 975 | 1025 | 114 | 120 | 127 | 127570 | x | x | x | X |
| Special request | 250 | 9,8 | 1125 | 1175 | 1225 | 115 | 120 | 125 | 127570 | x | x | 127576 | X |
| Special request | 300 | 12,0 | 1350 | 1425 | 1500 | 113 | 119 | 125 | 127570 | x | 125400 | 127576 | 127630 |
| Standard | 350 | 13,8 | 1550 | 1625 | 1700 | 112 | 118 | 123 | 127570 | 127030 | 125400 | 127576 | 127630 |

DIMENSIONS



HOLE SIZE



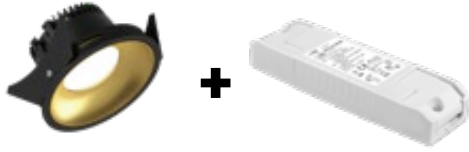
Using CS springs: Ø 98 mm.
Thickness ceiling 5-59 mm
& recess depth 59 mm.



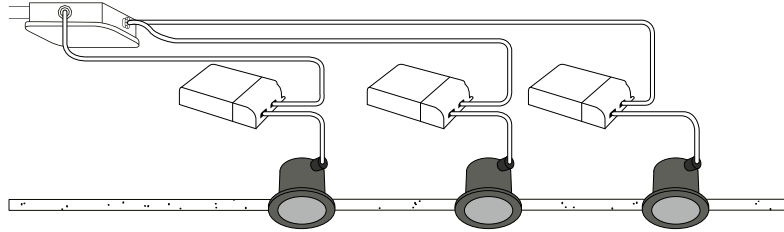
Using WS springs. Ø 98 mm.
Thickness ceiling 1-50 mm
& recess depth 59 mm.

FIDO 98 LV

Downlight incl. PSU



2700K CRI97 1150LM



ITEM SPECIFICATIONS (PART A)

| Description | Item code CS | Item code WS | Extra | Input | W | Lm | Lm/W | CRI (typ.) |
|--|--------------|--------------|-----------|----------|------|------|------|------------|
| Fido 98 LV 2700K 1150Lm CRI97 24° No dim | F15A03XX4K02 | F15A03XX9K02 | incl. PSU | 220-240V | 13,8 | 1150 | 83 | 97 |
| Fido 98 LV 2700K 1150Lm CRI97 24° Triac | F15A03XX4A02 | F15A03XX9A02 | incl. PSU | 220-240V | 13,8 | 1150 | 83 | 97 |
| Fido 98 LV 2700K 1150Lm CRI97 24° 1-10V & Push | F15A03XX4T02 | F15A03XX9T02 | incl. PSU | 220-240V | 13,8 | 1150 | 83 | 97 |
| Fido 98 LV 2700K 1150Lm CRI97 24° Dali | F15A03XX4B02 | F15A03XX9B02 | incl. PSU | 220-240V | 13,8 | 1150 | 83 | 97 |
| Fido 98 LV 2700K 1150Lm CRI97 24° Casambi | F15A03XX4C02 | F15A03XX9C02 | incl. PSU | 220-240V | 13,8 | 1150 | 83 | 97 |
| Fido 98 LV 2700K 1150Lm CRI97 60° No dim | F15A03XX4L02 | F15A03XX9L02 | incl. PSU | 220-240V | 13,8 | 1150 | 83 | 97 |
| Fido 98 LV 2700K 1150Lm CRI97 60° Triac | F15A03XX4D02 | F15A03XX9D02 | incl. PSU | 220-240V | 13,8 | 1150 | 83 | 97 |
| Fido 98 LV 2700K 1150Lm CRI97 60° 1-10V & Push | F15A03XX4U02 | F15A03XX9U02 | incl. PSU | 220-240V | 13,8 | 1150 | 83 | 97 |
| Fido 98 LV 2700K 1150Lm CRI97 60° Dali | F15A03XX4E02 | F15A03XX9E02 | incl. PSU | 220-240V | 13,8 | 1150 | 83 | 97 |
| Fido 98 LV 2700K 1150Lm CRI97 60° Casambi | F15A03XX4F02 | F15A03XX9F02 | incl. PSU | 220-240V | 13,8 | 1150 | 83 | 97 |
| Fido 98 LV 2700K 1150Lm CRI97 80° No dim | F15A03XX4M02 | F15A03XX9M02 | incl. PSU | 220-240V | 13,8 | 1150 | 83 | 97 |
| Fido 98 LV 2700K 1150Lm CRI97 80° Triac | F15A03XX4G02 | F15A03XX9G02 | incl. PSU | 220-240V | 13,8 | 1150 | 83 | 97 |
| Fido 98 LV 2700K 1150Lm CRI97 80° 1-10V & Push | F15A03XX4V02 | F15A03XX9V02 | incl. PSU | 220-240V | 13,8 | 1150 | 83 | 97 |
| Fido 98 LV 2700K 1150Lm CRI97 80° Dali | F15A03XX4H02 | F15A03XX9H02 | incl. PSU | 220-240V | 13,8 | 1150 | 83 | 97 |
| Fido 98 LV 2700K 1150Lm CRI97 80° Casambi | F15A03XX4J02 | F15A03XX9J02 | incl. PSU | 220-240V | 13,8 | 1150 | 83 | 97 |

ITEM SPECIFICATIONS (PART B)

| Description | R9 | Rf | Rg | R15 | UGR | Pf | Ripple | Inrush | B16A |
|--|----|----|-----|-----|------|------|--------|---------|---------|
| Fido 98 LV 2700K 1150Lm CRI97 24° No dim | 93 | 96 | 103 | 99 | 20.8 | 0.95 | <3% | 5A 50µS | 50 pcs |
| Fido 98 LV 2700K 1150Lm CRI97 24° Triac | 93 | 96 | 103 | 99 | 20.8 | 0.95 | <3% | 2A 50µS | 50 pcs |
| Fido 98 LV 2700K 1150Lm CRI97 24° 1-10V & Push | 93 | 96 | 103 | 99 | 20.8 | 0.95 | <3% | 5A 50µS | 50 pcs |
| Fido 98 LV 2700K 1150Lm CRI97 24° Dali | 93 | 96 | 103 | 99 | 20.8 | 0.95 | <5% | 200mA²s | 106 pcs |
| Fido 98 LV 2700K 1150Lm CRI97 24° Casambi | 93 | 96 | 103 | 99 | 20.8 | 0.95 | <3% | 5A 50µS | 50 pcs |
| Fido 98 LV 2700K 1150Lm CRI97 60° No dim | 93 | 96 | 103 | 99 | 21.6 | 0.95 | <3% | 5A 50µS | 50 pcs |
| Fido 98 LV 2700K 1150Lm CRI97 60° Triac | 93 | 96 | 103 | 99 | 21.6 | 0.95 | <3% | 2A 50µS | 50 pcs |
| Fido 98 LV 2700K 1150Lm CRI97 60° 1-10V & Push | 93 | 96 | 103 | 99 | 21.6 | 0.95 | <3% | 5A 50µS | 50 pcs |
| Fido 98 LV 2700K 1150Lm CRI97 60° Dali | 93 | 96 | 103 | 99 | 21.6 | 0.95 | <5% | 200mA²s | 106 pcs |
| Fido 98 LV 2700K 1150Lm CRI97 60° Casambi | 93 | 96 | 103 | 99 | 21.6 | 0.95 | <3% | 5A 50µS | 50 pcs |
| Fido 98 LV 2700K 1150Lm CRI97 80° No dim | 93 | 96 | 103 | 99 | 26.1 | 0.95 | <3% | 5A 50µS | 50 pcs |
| Fido 98 LV 2700K 1150Lm CRI97 80° Triac | 93 | 96 | 103 | 99 | 26.1 | 0.95 | <3% | 2A 50µS | 50 pcs |
| Fido 98 LV 2700K 1150Lm CRI97 80° 1-10V & Push | 93 | 96 | 103 | 99 | 26.1 | 0.95 | <3% | 5A 50µS | 50 pcs |
| Fido 98 LV 2700K 1150Lm CRI97 80° Dali | 93 | 96 | 103 | 99 | 26.1 | 0.95 | <5% | 200mA²s | 106 pcs |
| Fido 98 LV 2700K 1150Lm CRI97 80° Casambi | 93 | 96 | 103 | 99 | 26.1 | 0.95 | <3% | 5A 50µS | 50 pcs |

ITEM SPECIFICATIONS (PART C)

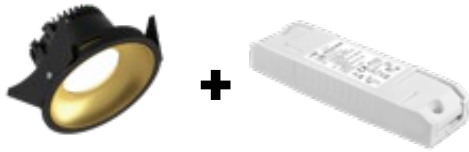
| Description | Safety class | Energy class | Weight | Dimensions single carton | Quantity per carton | Expected lifespan B10 reported (25°C) | | |
|-------------------------------|--------------|--------------|--------|--------------------------|---------------------|---------------------------------------|-------------|-------------|
| | | | | | | L70B10 | L80B10 | L90B10 |
| Fido 98 LV 2700K 1150Lm CRI97 | II | F | 377 gr | 160x107x100 mm | 18 pcs | >60.500 hrs | >60.500 hrs | >60.500 hrs |

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

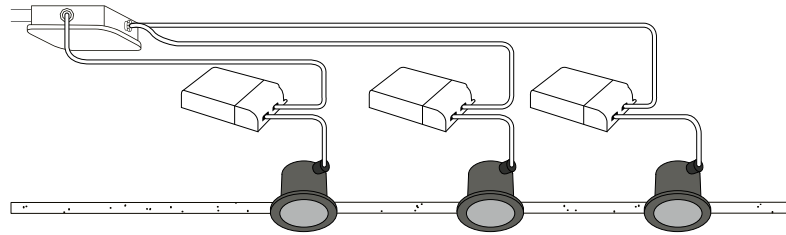
17-07-2023

FIDO 98 LV

Downlight incl. PSU



3000K CRI97 1250LM



ITEM SPECIFICATIONS (PART A)

| Description | Item code CS | Item code WS | Extra | Input | W | Lm | Lm/W | CRI (typ.) |
|--|--------------|--------------|-----------|----------|------|------|------|------------|
| Fido 98 LV 3000K 1250Lm CRI97 24° No dim | F15B03XX4K02 | F15B03XX9K02 | incl. PSU | 220-240V | 13,8 | 1250 | 91 | 97 |
| Fido 98 LV 3000K 1250Lm CRI97 24° Triac | F15B03XX4A02 | F15B03XX9A02 | incl. PSU | 220-240V | 13,8 | 1250 | 91 | 97 |
| Fido 98 LV 3000K 1250Lm CRI97 24° 1-10V & Push | F15B03XX4T02 | F15B03XX9T02 | incl. PSU | 220-240V | 13,8 | 1250 | 91 | 97 |
| Fido 98 LV 3000K 1250Lm CRI97 24° Dali | F15B03XX4B02 | F15B03XX9B02 | incl. PSU | 220-240V | 13,8 | 1250 | 91 | 97 |
| Fido 98 LV 3000K 1250Lm CRI97 24° Casambi | F15B03XX4C02 | F15B03XX9C02 | incl. PSU | 220-240V | 13,8 | 1250 | 91 | 97 |
| Fido 98 LV 3000K 1250Lm CRI97 60° No dim | F15B03XX4L02 | F15B03XX9L02 | incl. PSU | 220-240V | 13,8 | 1250 | 91 | 97 |
| Fido 98 LV 3000K 1250Lm CRI97 60° Triac | F15B03XX4D02 | F15B03XX9D02 | incl. PSU | 220-240V | 13,8 | 1250 | 91 | 97 |
| Fido 98 LV 3000K 1250Lm CRI97 60° 1-10V & Push | F15B03XX4U02 | F15B03XX9U02 | incl. PSU | 220-240V | 13,8 | 1250 | 91 | 97 |
| Fido 98 LV 3000K 1250Lm CRI97 60° Dali | F15B03XX4E02 | F15B03XX9E02 | incl. PSU | 220-240V | 13,8 | 1250 | 91 | 97 |
| Fido 98 LV 3000K 1250Lm CRI97 60° Casambi | F15B03XX4F02 | F15B03XX9F02 | incl. PSU | 220-240V | 13,8 | 1250 | 91 | 97 |
| Fido 98 LV 3000K 1250Lm CRI97 80° No dim | F15B03XX4M02 | F15B03XX9M02 | incl. PSU | 220-240V | 13,8 | 1250 | 91 | 97 |
| Fido 98 LV 3000K 1250Lm CRI97 80° Triac | F15B03XX4G02 | F15B03XX9G02 | incl. PSU | 220-240V | 13,8 | 1250 | 91 | 97 |
| Fido 98 LV 3000K 1250Lm CRI97 80° 1-10V & Push | F15B03XX4V02 | F15B03XX9V02 | incl. PSU | 220-240V | 13,8 | 1250 | 91 | 97 |
| Fido 98 LV 3000K 1250Lm CRI97 80° Dali | F15B03XX4H02 | F15B03XX9H02 | incl. PSU | 220-240V | 13,8 | 1250 | 91 | 97 |
| Fido 98 LV 3000K 1250Lm CRI97 80° Casambi | F15B03XX4J02 | F15B03XX9J02 | incl. PSU | 220-240V | 13,8 | 1250 | 91 | 97 |

ITEM SPECIFICATIONS (PART B)

| Description | R9 | Rf | Rg | R15 | UGR | Pf | Ripple | Inrush | B16A |
|--|----|----|-----|-----|------|------|--------|---------|---------|
| Fido 98 LV 3000K 1250Lm CRI97 24° No dim | 96 | 95 | 103 | 100 | 21.1 | 0.95 | <3% | 5A 50µS | 50 pcs |
| Fido 98 LV 3000K 1250Lm CRI97 24° Triac | 96 | 95 | 103 | 100 | 21.1 | 0.95 | <3% | 2A 50µS | 50 pcs |
| Fido 98 LV 3000K 1250Lm CRI97 24° 1-10V & Push | 96 | 95 | 103 | 100 | 21.1 | 0.95 | <3% | 5A 50µS | 50 pcs |
| Fido 98 LV 3000K 1250Lm CRI97 24° Dali | 96 | 95 | 103 | 100 | 21.1 | 0.95 | <5% | 200mA²s | 106 pcs |
| Fido 98 LV 3000K 1250Lm CRI97 24° Casambi | 96 | 95 | 103 | 100 | 21.1 | 0.95 | <3% | 5A 50µS | 50 pcs |
| Fido 98 LV 3000K 1250Lm CRI97 60° No dim | 96 | 95 | 103 | 100 | 21.9 | 0.95 | <3% | 5A 50µS | 50 pcs |
| Fido 98 LV 3000K 1250Lm CRI97 60° Triac | 96 | 95 | 103 | 100 | 21.9 | 0.95 | <3% | 2A 50µS | 50 pcs |
| Fido 98 LV 3000K 1250Lm CRI97 60° 1-10V & Push | 96 | 95 | 103 | 100 | 21.9 | 0.95 | <3% | 5A 50µS | 50 pcs |
| Fido 98 LV 3000K 1250Lm CRI97 60° Dali | 96 | 95 | 103 | 100 | 21.9 | 0.95 | <5% | 200mA²s | 106 pcs |
| Fido 98 LV 3000K 1250Lm CRI97 60° Casambi | 96 | 95 | 103 | 100 | 21.9 | 0.95 | <3% | 5A 50µS | 50 pcs |
| Fido 98 LV 3000K 1250Lm CRI97 80° No dim | 96 | 95 | 103 | 100 | 26.4 | 0.95 | <3% | 5A 50µS | 50 pcs |
| Fido 98 LV 3000K 1250Lm CRI97 80° Triac | 96 | 95 | 103 | 100 | 26.4 | 0.95 | <3% | 2A 50µS | 50 pcs |
| Fido 98 LV 3000K 1250Lm CRI97 80° 1-10V & Push | 96 | 95 | 103 | 100 | 26.4 | 0.95 | <3% | 5A 50µS | 50 pcs |
| Fido 98 LV 3000K 1250Lm CRI97 80° Dali | 96 | 95 | 103 | 100 | 26.4 | 0.95 | <5% | 200mA²s | 106 pcs |
| Fido 98 LV 3000K 1250Lm CRI97 80° Casambi | 96 | 95 | 103 | 100 | 26.4 | 0.95 | <3% | 5A 50µS | 50 pcs |

ITEM SPECIFICATIONS (PART C)

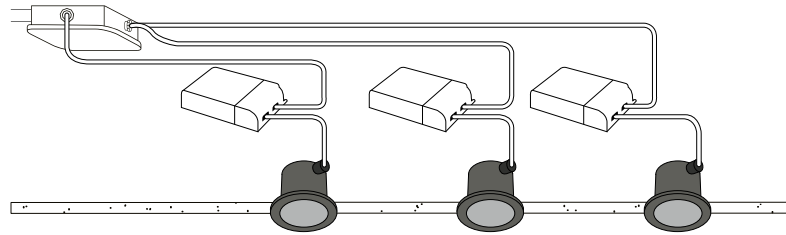
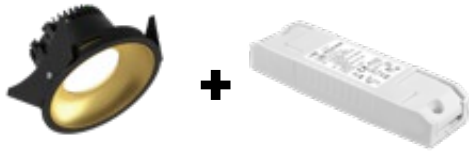
| Description | Safety class | Energy class | Weight | Dimensions single carton | Quantity per carton | Expected lifespan B10 reported (25°C) | | |
|-------------------------------|--------------|--------------|--------|--------------------------|---------------------|---------------------------------------|-------------|-------------|
| | | | | | | L70B10 | L80B10 | L90B10 |
| Fido 98 LV 3000K 1250Lm CRI97 | II | F | 377 gr | 160x107x100 mm | 18 pcs | >60.500 hrs | >60.500 hrs | >60.500 hrs |

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

FIDO 98 LV

4000K CRI97 1350LM

Downlight incl. PSU



ITEM SPECIFICATIONS (PART A)

| Description | Item code CS | Item code WS | Extra | Input | W | Lm | Lm/W | CRI (typ.) |
|--|--------------|--------------|-----------|----------|------|------|------|------------|
| Fido 98 LV 4000K 1350Lm CRI97 24° No dim | F15G03XX4K02 | F15G03XX9K02 | incl. PSU | 220-240V | 13,8 | 1350 | 98 | 97 |
| Fido 98 LV 4000K 1350Lm CRI97 24° Triac | F15G03XX4A02 | F15G03XX9A02 | incl. PSU | 220-240V | 13,8 | 1350 | 98 | 97 |
| Fido 98 LV 4000K 1350Lm CRI97 24° 1-10V & Push | F15G03XX4T02 | F15G03XX9T02 | incl. PSU | 220-240V | 13,8 | 1350 | 98 | 97 |
| Fido 98 LV 4000K 1350Lm CRI97 24° Dali | F15G03XX4B02 | F15G03XX9B02 | incl. PSU | 220-240V | 13,8 | 1350 | 98 | 97 |
| Fido 98 LV 4000K 1350Lm CRI97 24° Casambi | F15G03XX4C02 | F15G03XX9C02 | incl. PSU | 220-240V | 13,8 | 1350 | 98 | 97 |
| Fido 98 LV 4000K 1350Lm CRI97 60° No dim | F15G03XX4L02 | F15G03XX9L02 | incl. PSU | 220-240V | 13,8 | 1350 | 98 | 97 |
| Fido 98 LV 4000K 1350Lm CRI97 60° Triac | F15G03XX4D02 | F15G03XX9D02 | incl. PSU | 220-240V | 13,8 | 1350 | 98 | 97 |
| Fido 98 LV 4000K 1350Lm CRI97 60° 1-10V & Push | F15G03XX4U02 | F15G03XX9U02 | incl. PSU | 220-240V | 13,8 | 1350 | 98 | 97 |
| Fido 98 LV 4000K 1350Lm CRI97 60° Dali | F15G03XX4E02 | F15G03XX9E02 | incl. PSU | 220-240V | 13,8 | 1350 | 98 | 97 |
| Fido 98 LV 4000K 1350Lm CRI97 60° Casambi | F15G03XX4F02 | F15G03XX9F02 | incl. PSU | 220-240V | 13,8 | 1350 | 98 | 97 |
| Fido 98 LV 4000K 1350Lm CRI97 80° No dim | F15G03XX4M02 | F15G03XX9M02 | incl. PSU | 220-240V | 13,8 | 1350 | 98 | 97 |
| Fido 98 LV 4000K 1350Lm CRI97 80° Triac | F15G03XX4G02 | F15G03XX9G02 | incl. PSU | 220-240V | 13,8 | 1350 | 98 | 97 |
| Fido 98 LV 4000K 1350Lm CRI97 80° 1-10V & Push | F15G03XX4V02 | F15G03XX9V02 | incl. PSU | 220-240V | 13,8 | 1350 | 98 | 97 |
| Fido 98 LV 4000K 1350Lm CRI97 80° Dali | F15G03XX4H02 | F15G03XX9H02 | incl. PSU | 220-240V | 13,8 | 1350 | 98 | 97 |
| Fido 98 LV 4000K 1350Lm CRI97 80° Casambi | F15G03XX4J02 | F15G03XX9J02 | incl. PSU | 220-240V | 13,8 | 1350 | 98 | 97 |

ITEM SPECIFICATIONS (PART B)

| Description | R9 | Rf | Rg | R15 | UGR | Pf | Ripple | Inrush | B16A |
|--|----|----|-----|-----|------|------|--------|---------|---------|
| Fido 98 LV 4000K 1350Lm CRI97 24° No dim | 96 | 95 | 103 | 100 | 21.3 | 0.95 | <3% | 5A 50µS | 50 pcs |
| Fido 98 LV 4000K 1350Lm CRI97 24° Triac | 96 | 95 | 103 | 100 | 21.3 | 0.95 | <3% | 2A 50µS | 50 pcs |
| Fido 98 LV 4000K 1350Lm CRI97 24° 1-10V & Push | 96 | 95 | 103 | 100 | 21.3 | 0.95 | <3% | 5A 50µS | 50 pcs |
| Fido 98 LV 4000K 1350Lm CRI97 24° Dali | 96 | 95 | 103 | 100 | 21.3 | 0.95 | <5% | 200mA²s | 106 pcs |
| Fido 98 LV 4000K 1350Lm CRI97 24° Casambi | 96 | 95 | 103 | 100 | 21.3 | 0.95 | <3% | 5A 50µS | 50 pcs |
| Fido 98 LV 4000K 1350Lm CRI97 60° No dim | 96 | 95 | 103 | 100 | 22.2 | 0.95 | <3% | 5A 50µS | 50 pcs |
| Fido 98 LV 4000K 1350Lm CRI97 60° Triac | 96 | 95 | 103 | 100 | 22.2 | 0.95 | <3% | 2A 50µS | 50 pcs |
| Fido 98 LV 4000K 1350Lm CRI97 60° 1-10V & Push | 96 | 95 | 103 | 100 | 22.2 | 0.95 | <3% | 5A 50µS | 50 pcs |
| Fido 98 LV 4000K 1350Lm CRI97 60° Dali | 96 | 95 | 103 | 100 | 22.2 | 0.95 | <5% | 200mA²s | 106 pcs |
| Fido 98 LV 4000K 1350Lm CRI97 60° Casambi | 96 | 95 | 103 | 100 | 22.2 | 0.95 | <3% | 5A 50µS | 50 pcs |
| Fido 98 LV 4000K 1350Lm CRI97 80° No dim | 96 | 95 | 103 | 100 | 26.6 | 0.95 | <3% | 5A 50µS | 50 pcs |
| Fido 98 LV 4000K 1350Lm CRI97 80° Triac | 96 | 95 | 103 | 100 | 26.6 | 0.95 | <3% | 2A 50µS | 50 pcs |
| Fido 98 LV 4000K 1350Lm CRI97 80° 1-10V & Push | 96 | 95 | 103 | 100 | 26.6 | 0.95 | <3% | 5A 50µS | 50 pcs |
| Fido 98 LV 4000K 1350Lm CRI97 80° Dali | 96 | 95 | 103 | 100 | 26.6 | 0.95 | <5% | 200mA²s | 106 pcs |
| Fido 98 LV 4000K 1350Lm CRI97 80° Casambi | 96 | 95 | 103 | 100 | 26.6 | 0.95 | <3% | 5A 50µS | 50 pcs |

ITEM SPECIFICATIONS (PART C)

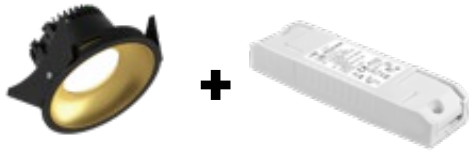
| Description | Safety class | Energy class | Weight | Dimensions single carton | Quantity per carton | Expected lifespan B10 reported (25°C) | | |
|-------------------------------|--------------|--------------|--------|--------------------------|---------------------|---------------------------------------|-------------|-------------|
| | | | | | | L70B10 | L80B10 | L90B10 |
| Fido 98 LV 4000K 1350Lm CRI97 | II | E | 377 gr | 160x107x100 mm | 18 pcs | >60.500 hrs | >60.500 hrs | >60.500 hrs |

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

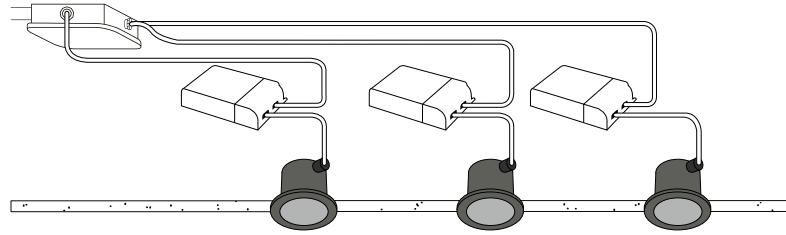
17-07-2023

FIDO 98 LV

Downlight incl. PSU



1800-3000K CRI97 1250LM



ITEM SPECIFICATIONS (PART A)

| Description | 24° | | | 60° | | | 80° | | |
|---|--------------|--------------|------|--------------|--------------|------|--------------|--------------|------|
| | Item code | | UGR | Item code | | UGR | Item code | | UGR |
| | CS | WS | | CS | WS | | CS | WS | |
| Fido 98 LV 1800-3000K 1250Lm CRI97 Triac | F15E03XX4A02 | F15E03XX9A02 | 21.1 | F15E03XX4D02 | F15E03XX9D02 | 21.9 | F15E03XX4G02 | F15E03XX9G02 | 26.4 |
| Fido 98 LV 1800-3000K 1250Lm CRI97 1-10V & Push | F15E03XX4T02 | F15E03XX9T02 | 21.1 | F15E03XX4U02 | F15E03XX9U02 | 21.9 | F15E03XX4V02 | F15E03XX9V02 | 26.4 |
| Fido 98 LV 1800-3000K 1250Lm CRI97 Dali | F15E03XX4B02 | F15E03XX9B02 | 21.1 | F15E03XX4E02 | F15E03XX9E02 | 21.9 | F15E03XX4H02 | F15E03XX9H02 | 26.4 |
| Fido 98 LV 1800-3000K 1250Lm CRI97 Casambi | F15E03XX4C02 | F15E03XX9C02 | 21.1 | F15E03XX4F02 | F15E03XX9F02 | 21.9 | F15E03XX4J02 | F15E03XX9J02 | 26.4 |

ITEM SPECIFICATIONS (PART B)

| Description | CCT | W | Lm | Lm/W | CRI (typ.) | R9 | Rf | Rg | mA | Pf | Ripple | Inrush | B16A | |
|---|------|------|------|------|------------|----|----|----|-----|-----|--------|--------|---------|---------|
| Fido 98 LV 1800-3000K 1250Lm CRI97 Triac | 100% | 3000 | 13,8 | 1250 | 91 | 97 | 93 | 95 | 102 | 350 | 0.95 | <3% | 2A 50µS | 50 pcs |
| | 50% | 2500 | 6,9 | 625 | 90 | 94 | 90 | 95 | 105 | | | | | |
| | 25% | 2200 | 3,4 | 300 | 88 | 93 | 94 | 93 | 105 | | | | | |
| | 10% | 1800 | 1,4 | 125 | 89 | 92 | 97 | 86 | 110 | | | | | |
| Fido 98 LV 1800-3000K 1250Lm CRI97 1-10V & Push | 100% | 3000 | 13,8 | 1250 | 91 | 97 | 93 | 95 | 102 | 350 | 0.95 | <3% | 5A 50µS | 50 pcs |
| | 50% | 2500 | 6,9 | 625 | 90 | 94 | 90 | 95 | 105 | | | | | |
| | 25% | 2200 | 3,4 | 300 | 88 | 93 | 94 | 93 | 105 | | | | | |
| | 10% | 1800 | 1,4 | 125 | 89 | 92 | 97 | 86 | 110 | | | | | |
| Fido 98 LV 1800-3000K 1250Lm CRI97 Dali | 100% | 3000 | 13,8 | 1250 | 91 | 97 | 93 | 95 | 102 | 350 | 0.95 | <5% | 200mA²s | 106 pcs |
| | 50% | 2500 | 6,9 | 625 | 90 | 94 | 90 | 95 | 105 | | | | | |
| | 25% | 2200 | 3,4 | 300 | 88 | 93 | 94 | 93 | 105 | | | | | |
| | 10% | 1800 | 1,4 | 125 | 89 | 92 | 97 | 86 | 110 | | | | | |
| Fido 98 LV 1800-3000K 1250Lm CRI97 Casambi | 100% | 3000 | 13,8 | 1250 | 91 | 97 | 93 | 95 | 102 | 350 | 0.95 | <3% | 5A 50µS | 50 pcs |
| | 50% | 2500 | 6,9 | 625 | 90 | 94 | 90 | 95 | 105 | | | | | |
| | 25% | 2200 | 3,4 | 300 | 88 | 93 | 94 | 93 | 105 | | | | | |
| | 10% | 1800 | 1,4 | 125 | 89 | 92 | 97 | 86 | 110 | | | | | |

ITEM SPECIFICATIONS (PART C)

| Description | Safety class | Energy class | Weight | Dimensions single carton | Quantity per carton | Expected lifespan B10 reported (25°C) | | |
|------------------------------------|--------------|--------------|--------|--------------------------|---------------------|---------------------------------------|-------------|-------------|
| | | | | | | L70B10 | L80B10 | L90B10 |
| Fido 98 LV 1800-3000K 1250Lm CRI97 | II | G | 377 gr | 160x107x100 mm | 18 pcs | >60.500 hrs | >60.500 hrs | >60.500 hrs |

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

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_g = 92



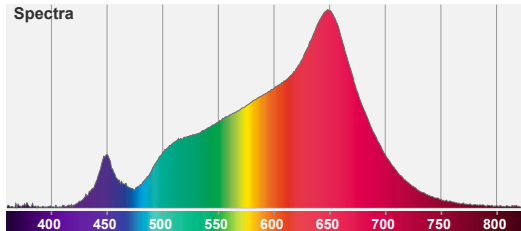
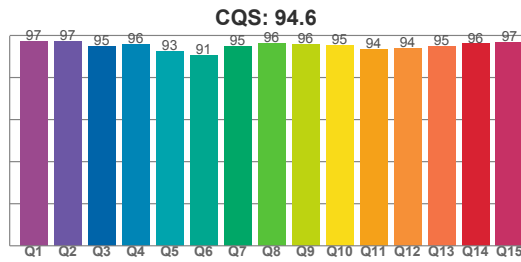
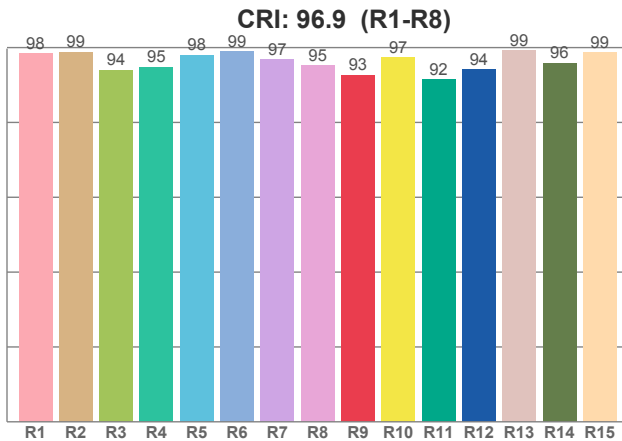
Red-Enhanced

CRI = 98 / R_g = 103

SPECIAL LEDS AVAILABLE

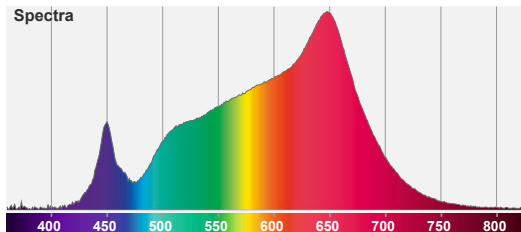
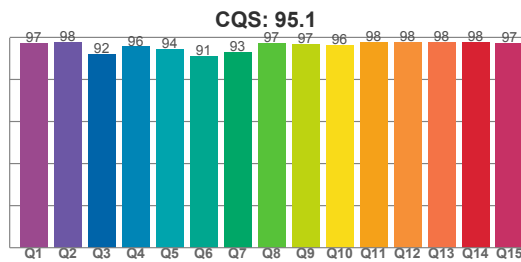
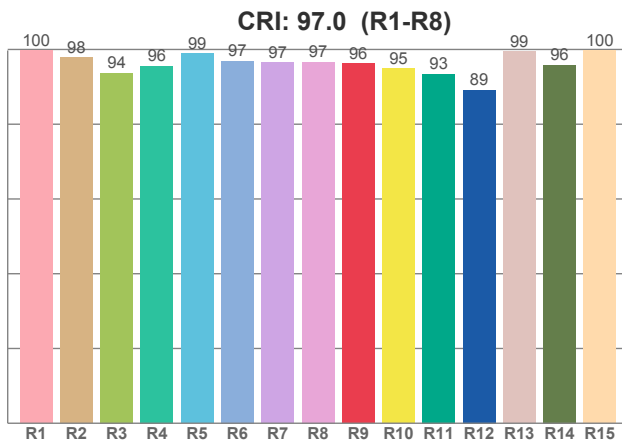
| | CCT | CRI | R9 | RF | RG | R15 | TLCI | DOWNLIGHTS SMALL | | DOWNLIGHTS LARGE | | DOWNLIGHTS LARGE | | ITEM CODE |
|-----------------------------|-------|-----|----|----|-----|-----|------|------------------|------|------------------|------|------------------|------|--------------|
| | | | | | | | | MA | LM | MA | LM | MA | LM | |
| CRI80 | 2700K | 82 | 5 | 82 | 92 | 75 | 69 | 350 mA | 1550 | 700 mA | 2900 | 1200 mA | 4800 | 51-4028-27-1 |
| CRI80 | 3000K | 82 | 5 | 81 | 93 | 75 | 66 | 350 mA | 1625 | 700 mA | 3000 | 1200 mA | 5000 | 51-4028-30-1 |
| CRI80 | 4000K | 82 | 5 | 81 | 93 | 74 | 66 | 350 mA | 1700 | 700 mA | 3400 | 1200 mA | 5700 | 51-4028-40-1 |
| CRI97 | 2700K | 97 | 93 | 96 | 103 | 99 | 97 | 350 mA | 1150 | 800 mA | x | 1400 mA | x | 50-3031-27 |
| CRI97 | 3000K | 97 | 96 | 95 | 103 | 100 | 97 | 350 mA | 1250 | 800 mA | 2500 | 1400 mA | 3750 | 50-3031-30 |
| CRI97 | 4000K | 97 | 96 | 95 | 103 | 100 | 97 | 350 mA | 1350 | 800 mA | x | 1400 mA | x | 50-3031-40 |
| CrispWhite | 3000K | 90 | 61 | 87 | 102 | 89 | 83 | 350 mA | 780 | 900 mA | 2300 | 1400 mA | 3550 | 51-4029-30 |
| Red Meat | 1800K | 82 | 81 | 77 | 119 | 95 | 60 | 350 mA | 515 | 900 mA | 1750 | 1400 mA | 2350 | 51-4042-00 |
| Bread & Pastries | 2700K | 92 | 54 | 89 | 96 | 86 | 91 | 350 mA | 770 | 900 mA | 2600 | 1400 mA | 3500 | 51-4045-00 |

2700K



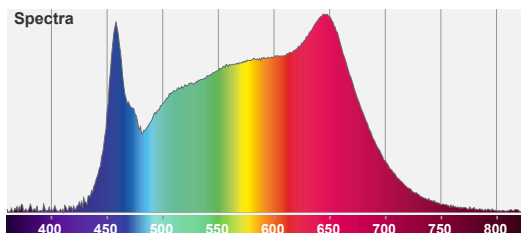
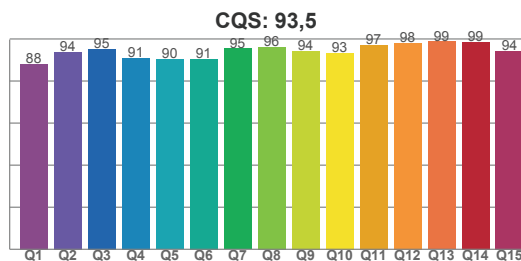
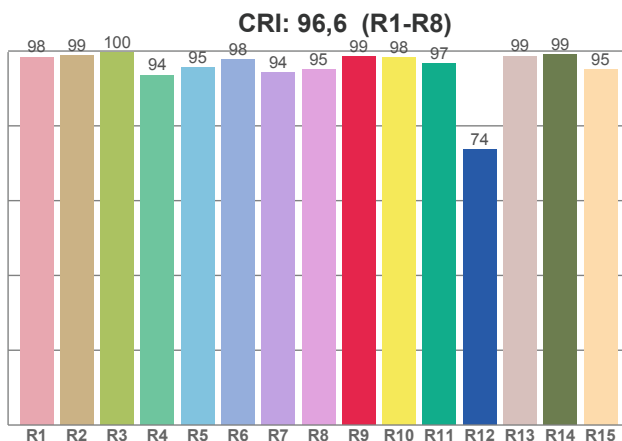
| CCT | CRI | CRI R9 | TM30 Rf | TM30 Rg | CQS |
|-------|------|--------|---------|---------|------|
| 2700K | 96.9 | 92.7 | 96.0 | 102.6 | 94.6 |

3000K



| CCT | CRI | CRI R9 | TM30 Rf | TM30 Rg | CQS |
|--------|------|--------|---------|---------|------|
| 3000 K | 97.0 | 96.2 | 95.0 | 103.3 | 95.1 |

4000K



| CCT | CRI | CRI R9 | TM30 Rf | TM30 Rg | CQS |
|-------|------|--------|---------|---------|------|
| 4000K | 96.6 | 98.5 | 88.3 | 96.2 | 93.5 |