

FEATURES

- Bartenbach 'Dark Light' technology
- Low UGR levels combined with high light output
- Individual PSU 1-10V & Push on request

Bartenbach
lighting optics



SPRINGS

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



COLOURS

Available colours:



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

Fluxe 50

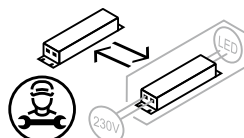
Adjustable

SPECIFICATIONS

| | |
|-----------------------------------|---|
| Beam angle (FWHM) | 40° (65° FWTM) |
| 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) |
| Energy class | These products contains a light source of energy efficiency class 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 (fi. car showrooms) the temperatures may exceed 45°C. Please ask our sales office for a special driver.

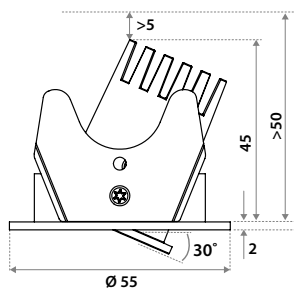


IP20

FLUXE 50 VARIATIONS

| | | | |
|---------------|----------|---|--------|
| Fluxe 50 LV | 220-240V | incl. power supply | page 3 |
| Fluxe 50 LV-C | 350mA | to be connected to a central power supply | page 4 |

DIMENSIONS



HOLE SIZE



Using CS springs: Ø 50 mm.
Thickness ceiling 5-50 mm
& recess depth 50 mm.

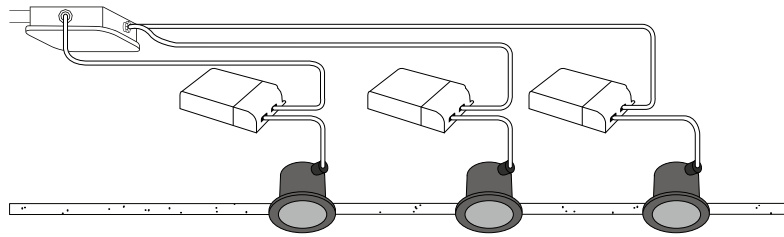


Using WS springs: Ø 50 mm.
Thickness ceiling 1-20 mm
& recess depth 50 mm.

FLUXE 50 (dimnable - incl. individual power supply)

220-240V

Downlight incl. PSU



ITEM SPECIFICATIONS (PART A)

| Description | Item code CS | Item code WS | Input | W | Lm | Lm/W | CRI (typ.) | UGR | Pf | Ripple | Inrush current | B-16A Fuse |
|---------------------------------------|--------------|--------------|----------|-----|-----|------|------------|------|------|--------|----------------|------------|
| Fluxe 50 adj LV 375Lm 2700K Triac dim | 865303XX4813 | 865303XX5813 | 220-240V | 5,7 | 375 | 66 | 82 | 14.2 | 0.96 | <20% | 2A 50µS | 50 pcs |
| Fluxe 50 adj LV 400Lm 3000K Triac dim | 865303XX4913 | 865303XX5913 | 220-240V | 5,7 | 400 | 70 | 82 | 14.4 | 0.96 | <20% | 2A 50µS | 50 pcs |
| Fluxe 50 adj LV 425Lm 4000K Triac dim | 865303XX5013 | 865303XX6013 | 220-240V | 5,7 | 425 | 75 | 82 | 14.6 | 0.96 | <20% | 2A 50µS | 50 pcs |
| Fluxe 50 adj LV 375Lm 2700K Dali | 865303XXTK13 | 865303XXTN13 | 220-240V | 5,7 | 375 | 66 | 82 | 14.2 | 0.96 | <20% | 2A 50µS | 50 pcs |
| Fluxe 50 adj LV 400Lm 3000K Dali | 865303XXTL13 | 865303XXTP13 | 220-240V | 5,7 | 400 | 70 | 82 | 14.4 | 0.96 | <20% | 2A 50µS | 50 pcs |
| Fluxe 50 adj LV 425Lm 4000K Dali | 865303XXTM13 | 865303XXTQ13 | 220-240V | 5,7 | 425 | 75 | 82 | 14.6 | 0.96 | <20% | 2A 50µS | 50 pcs |

ITEM SPECIFICATIONS (PART B)

| Description | Safety class | Energy class | Weight | Dimensions single carton | Quantity per carton | Expected lifespan B10 reported (25°C) | | |
|-----------------------------|--------------|--------------|--------|--------------------------|---------------------|---------------------------------------|-------------|-------------|
| | | | | | | L70B10 | L80B10 | L90B10 |
| Fluxe 50 adj LV 375Lm 2700K | II | F | 188 gr | 105x105x61 mm | 42 pcs | >60.000 hrs | >60.000 hrs | >60.000 hrs |
| Fluxe 50 adj LV 400Lm 3000K | II | F | 188 gr | 105x105x61 mm | 42 pcs | >60.000 hrs | >60.000 hrs | >60.000 hrs |
| Fluxe 50 adj LV 425Lm 4000K | II | E | 188 gr | 105x105x61 mm | 42 pcs | >60.000 hrs | >60.000 hrs | >60.000 hrs |

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

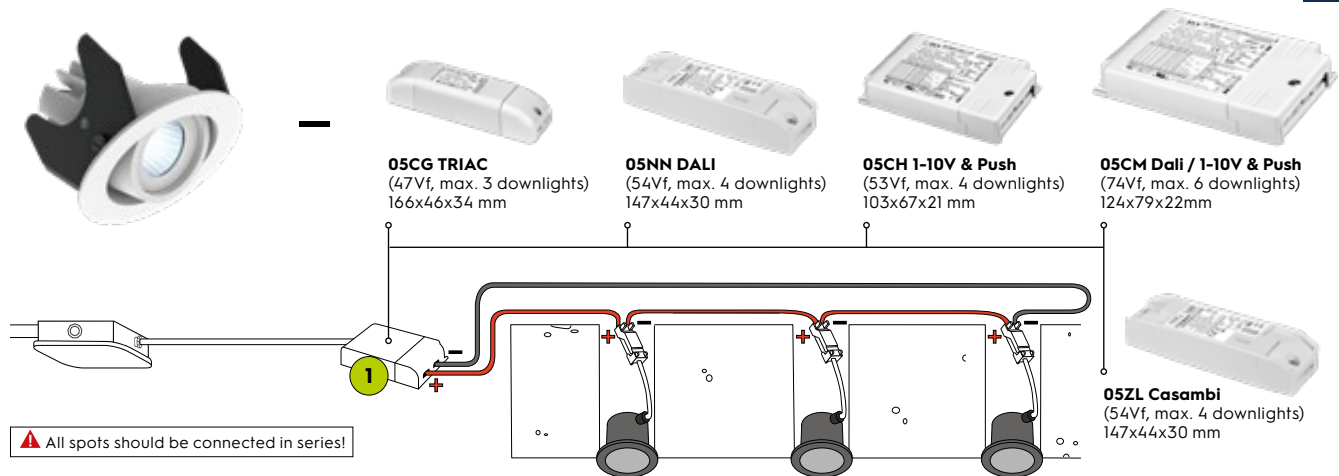
INCL. PSU

- PSU TCI 127040 Triac dim 102x38x21 mm
- PSU TCI 127576 Dali 147x44x22 mm



FLUXE 50 (dimnable - excl. central power supply)

350 mA



ITEM SPECIFICATIONS (PART A)

| Description | Item code CS | Item code WS | Input | Vf | W | Lm | Lm/W | CRI (typ.) | UGR | Pf | Ripple | Inrush current | B-16A Fuse |
|--|--------------|--------------|-------|------|-----|-----|------|------------|------|----|--------|----------------|------------|
| Fluxe 50 adj LV-C 350mA 375 Lm 2700K Dim | 865303XX0111 | 865303XX1A11 | 350mA | 11,9 | 4,5 | 375 | 83 | 82 | 14.2 | x | x | x | x |
| Fluxe 50 adj LV-C 350mA 400 Lm 3000K Dim | 865303XX7211 | 865303XX2A11 | 350mA | 11,9 | 4,5 | 400 | 89 | 82 | 14.4 | x | x | x | x |
| Fluxe 50 adj LV-C 350mA 425 Lm 4000K Dim | 865303XX0211 | 865303XX3A11 | 350mA | 11,9 | 4,5 | 425 | 94 | 82 | 14.6 | x | x | x | x |

ITEM SPECIFICATIONS (PART B)

| Description | Safety class | Energy class | Weight | Dimensions single carton | Quantity per carton | Expected lifespan B10 reported (25°C) | | |
|--|--------------|--------------|--------|--------------------------|---------------------|---------------------------------------|-------------|-------------|
| | | | | | | L70B10 | L80B10 | L90B10 |
| Fluxe 50 adj LV-C 350mA 375 Lm 2700K Dim | III | F | 138 gr | 105x105x61 mm | 42 pcs | >60.000 hrs | >60.000 hrs | >60.000 hrs |
| Fluxe 50 adj LV-C 350mA 400 Lm 3000K Dim | III | F | 138 gr | 105x105x61 mm | 42 pcs | >60.000 hrs | >60.000 hrs | >60.000 hrs |
| Fluxe 50 adj LV-C 350mA 425 Lm 4000K Dim | III | E | 138 gr | 105x105x61 mm | 42 pcs | >60.000 hrs | >60.000 hrs | >60.000 hrs |

ITEM SPECIFICATIONS (PART A)

| Description | Item code | Input | Watt | Current | Efficiency | Pf | Ripple | Weight | Inrush current | B-16A Fuse |
|---------------------------------------|--------------|----------|--------------|---------|------------|------|--------|--------|----------------|------------|
| PSU 17W 350mA Triac (I) | 05CG03MLMD00 | 220-240V | 17W (47Vf) | 350mA | 85% | 0.97 | <3% | 138 gr | 5A 50µS | 50 pcs |
| PSU 18W 350mA Dali (I) | 05NN03MLMD00 | 220-240V | 18W (54Vf) | 350mA | 90% | 0.95 | <3% | 138 gr | 5A 50µS | 50 pcs |
| PSU 18W 350mA 1-10V & Push (I) | 05CH03MLMD00 | 220-240V | 18W (53Vf) | 350mA | 90% | 0.95 | <3% | 138 gr | 5A 50µS | 50 pcs |
| PSU 18,5W 350mA Casambi (I) | 05ZL03MLMD00 | 220-240V | 18,5W (54Vf) | 350mA | 90% | 0.95 | <3% | 139 gr | 5A 50µS | 50 pcs |
| PSU 25W 350mA Dali / 1-10V & Push (I) | 05CM03MLMD00 | 220-240V | 25W (74Vf) | 350mA | 89% | 0.95 | <3% | 218 gr | 20A 400µS | 50 pcs |

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

INCLUDING CONNECTION BOX

For installation to a central power supply.

