



Fluxe 185 LV

Fixed

SPECIFICATIONS

| | |
|----------------------------|---|
| Beam angle (FWHM) | 80° |
| Fixture material | Housing: Die cast aluminium / Reflector glass: Polycarbonate |
| Environment | Indoor |
| IP rate | IP20 / IP44 |
| 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 | A+ |

This luminaire contains built-in LED lamps. The lamps cannot be changed in 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.



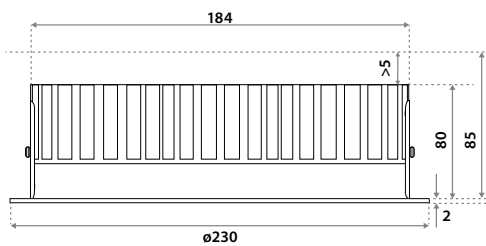
FLUXE 185 VARIATIONS

| | | | | | |
|--------------|-------|------------|-------------|--------------------|--------|
| Fluxe 185 LV | CRI80 | 3000/4000K | 3000/3400Lm | incl. power supply | page 3 |
| Fluxe 185 LV | CRI80 | 3000/4000K | 5000/5700Lm | incl. power supply | page 4 |
| Fluxe 185 LV | CRI97 | 3000K | 2500Lm | incl. power supply | page 5 |
| Fluxe 185 LV | CRI97 | 3000K | 3750Lm | incl. power supply | page 6 |

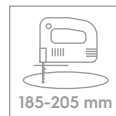
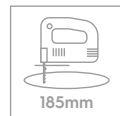
CRI80/97 CHOOSE YOUR LV LUMEN OUTPUT

| | mA | W | Lumen Output | | | Lumen / Watt | | | Driver types | | | | |
|------------------------|------|------|--------------|-------|-------|--------------|-------|-------|--------------|------------|------------|--------|------------|
| | | | CRI80 | CRI80 | CRI97 | CRI80 | CRI80 | CRI97 | No dim | Triac | 1-10V&Push | Dali | Casambi |
| | | | 3000K | 4000K | 3000K | 3000K | 4000K | 3000K | | | | | |
| <i>Special request</i> | 250 | 9,4 | 1200 | 1400 | 800 | 127 | 149 | 85 | 127570 | x | 127021 | 127576 | x |
| <i>Special request</i> | 350 | 13,2 | 1650 | 1900 | 1100 | 125 | 144 | 83 | 127570 | x | 127021 | 127576 | 127630 |
| <i>Special request</i> | 500 | 17,9 | 2250 | 2500 | 1450 | 125 | 139 | 81 | 127570 | 127032 | 127021 | 127576 | 127630 |
| Standard | 700 | 27,0 | 3000 | 3400 | 2150 | 111 | 126 | 80 | 127484N | 122260 | 127021 | 127576 | 127630 |
| <i>Special request</i> | 800 | 32,1 | 3400 | 3750 | 2500 | 106 | 117 | 78 | 127484N | on request | 127021 | 127490 | 127630 |
| <i>Special request</i> | 900 | 35,5 | 3700 | 4100 | 2700 | 104 | 115 | 76 | 127484N | on request | 127021 | 127490 | 127630 |
| <i>Special request</i> | 1050 | 41,7 | 4200 | 4700 | 3000 | 101 | 113 | 72 | 127484N | on request | 127021 | 127490 | 127630 |
| Standard | 1200 | 50,5 | 5000 | 5700 | 3250 | 99 | 113 | 64 | 127690 | on request | 123170 | 123170 | On request |
| Special request | 1400 | 57,2 | 5600 | 6300 | 3750 | 98 | 110 | 66 | 127310 | on request | 123170 | 123170 | On request |

DIMENSIONS



HOLE SIZE



Using CS (gyproc) springs (concrete/gyproc)

For 5-85 mm ceiling thickness.
Recess depth 85 mm (incl. 5mm space for air ventilation).

185 mm: For soft ceiling tiles. We recommend using a wooden plate or a ceiling ring on the reverse side of the tile.

185-205 mm: For plasterboard ceilings or similar harder materials.

FLUXE 185 LV

CRI80 3000/3400LM

ITEM SPECIFICATIONS (PART A)

| Description | 80° | | Type | mA | Vf |
|---|--------------|------|-----------|-----|------|
| | Item code | UGR | | | |
| Fluxe 185 LV 3000 Lm 3000K CRI80 No dim | 821C03XXYR02 | 24.8 | Incl. PSU | 700 | 35,3 |
| Fluxe 185 LV 3000 Lm 3000K CRI80 1-10V & Push | 821C03XXYH02 | 24.8 | Incl. PSU | 700 | 35,3 |
| Fluxe 185 LV 3000 Lm 3000K CRI80 Dali | 821C03XXYM02 | 24.8 | Incl. PSU | 700 | 35,3 |
| Fluxe 185 LV 3400 Lm 4000K CRI80 No dim | 821C03XXYY02 | 25.3 | Incl. PSU | 700 | 35,3 |
| Fluxe 185 LV 3400 Lm 4000K CRI80 1-10V & Push | 821C03XXYU02 | 25.3 | Incl. PSU | 700 | 35,3 |
| Fluxe 185 LV 3400 Lm 4000K CRI80 Dali | 821C03XXYW02 | 25.3 | Incl. PSU | 700 | 35,3 |

ITEM SPECIFICATIONS (PART B)

| Description | W | Lm | Lm/W | CRI (typ.) | Pf | Ripple | Inrush current | B-16A Fuse | Safety class | Energy class |
|---|------|------|------|------------|------|--------|----------------|------------|--------------|--------------|
| Fluxe 185 LV 3000 Lm 3000K CRI80 No dim | 27,0 | 3000 | 111 | 82 | 0,95 | <3% | 5A 50µS | 50 pcs | I | A+ |
| Fluxe 185 LV 3000 Lm 3000K CRI80 1-10V & Push | 27,0 | 3000 | 111 | 82 | 0,95 | <3% | 5A 50µS | 50 pcs | II | A+ |
| Fluxe 185 LV 3000 Lm 3000K CRI80 Dali | 27,0 | 3000 | 111 | 82 | 0,95 | <3% | 5A 50µS | 50 pcs | II | A+ |
| Fluxe 185 LV 3400 Lm 4000K CRI80 No dim | 27,0 | 3400 | 126 | 82 | 0,95 | <3% | 5A 50µS | 50 pcs | I | A+ |
| Fluxe 185 LV 3400 Lm 4000K CRI80 1-10V & Push | 27,0 | 3400 | 126 | 82 | 0,95 | <3% | 5A 50µS | 50 pcs | II | A+ |
| Fluxe 185 LV 3400 Lm 4000K CRI80 Dali | 27,0 | 3400 | 126 | 82 | 0,95 | <3% | 5A 50µS | 50 pcs | II | A+ |

ITEM SPECIFICATIONS (PART C)

| Description | Weight | Dimensions single carton | Quantity per carton | Expected lifespan (25°C) | | |
|--------------------|---------|--------------------------|---------------------|--------------------------|------------|------------|
| | | | | L70B50 | L80B50 | L90B50 |
| Fluxe 185 LV CRI80 | 1400 gr | 233x233x85 mm | 20 pcs | 70.000 hrs | 70.000 hrs | 70.000 hrs |

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

FLUXE 185 LV

CRI80 5000/5700LM

ITEM SPECIFICATIONS (PART A)

| Description | 80° | | Type | mA | Vf |
|---|--------------|------|-----------|------|------|
| | Item code | UGR | | | |
| Fluxe 185 LV 5000 Lm 3000K CRI80 No dim | 821C03XXYT02 | 26.6 | Incl. PSU | 1200 | 37,5 |
| Fluxe 185 LV 5000 Lm 3000K CRI80 1-10V & Push | 821C03XXYK02 | 26.6 | Incl. PSU | 1200 | 37,5 |
| Fluxe 185 LV 5000 Lm 3000K CRI80 Dali | 821C03XXYP02 | 26.6 | Incl. PSU | 1200 | 37,5 |
| Fluxe 185 LV 5700 Lm 4000K CRI80 No dim | 821C03XXYZ02 | 27.1 | Incl. PSU | 1200 | 37,5 |
| Fluxe 185 LV 5700 Lm 4000K CRI80 1-10V & Push | 821C03XXYV02 | 27.1 | Incl. PSU | 1200 | 37,5 |
| Fluxe 185 LV 5700 Lm 4000K CRI80 Dali | 821C03XXYX02 | 27.1 | Incl. PSU | 1200 | 37,5 |

ITEM SPECIFICATIONS (PART B)

| Description | W | Lm | Lm/W | CRI (typ.) | Pf | Ripple | Inrush current | B-16A Fuse | Safety class | Energy class |
|---|------|------|------|------------|------|--------|----------------|------------|--------------|--------------|
| Fluxe 185 LV 5000 Lm 3000K CRI80 No dim | 50,5 | 5000 | 99 | 82 | 0.95 | <3% | 10A 200µS | 30 pcs | II | A+ |
| Fluxe 185 LV 5000 Lm 3000K CRI80 1-10V & Push | 50,5 | 5000 | 99 | 82 | 0.95 | <3% | 10A 200µS | 30 pcs | I | A+ |
| Fluxe 185 LV 5000 Lm 3000K CRI80 Dali | 50,5 | 5000 | 99 | 82 | 0.95 | <3% | 10A 200µS | 30 pcs | I | A+ |
| Fluxe 185 LV 5700 Lm 4000K CRI80 No dim | 50,5 | 5700 | 113 | 82 | 0.95 | <3% | 10A 200µS | 30 pcs | II | A+ |
| Fluxe 185 LV 5700 Lm 4000K CRI80 1-10V & Push | 50,5 | 5700 | 113 | 82 | 0.95 | <3% | 10A 200µS | 30 pcs | I | A+ |
| Fluxe 185 LV 5700 Lm 4000K CRI80 Dali | 50,5 | 5700 | 113 | 82 | 0.95 | <3% | 10A 200µS | 30 pcs | I | A+ |

ITEM SPECIFICATIONS (PART C)

| Description | Weight | Dimensions single carton | Quantity per carton | Expected lifespan (25°C) | | |
|--------------------|---------|--------------------------|---------------------|--------------------------|------------|------------|
| | | | | L70B50 | L80B50 | L90B50 |
| Fluxe 185 LV CRI80 | 1400 gr | 233x233x85 mm | 20 pcs | 70.000 hrs | 70.000 hrs | 70.000 hrs |

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

FLUXE 185 LV

CRI97 2500LM

ITEM SPECIFICATIONS (PART A)

| Description | 80° | | Type | mA | Vf |
|---|--------------|------|-----------|-----|------|
| | Item code | UGR | | | |
| Fluxe 185 LV 2500 Lm 3000K CRI97 No dim | 821C03XXYQ02 | 24.2 | Incl. PSU | 800 | 35,3 |
| Fluxe 185 LV 2500 Lm 3000K CRI97 1-10V & Push | 821C03XXYG02 | 24.2 | Incl. PSU | 800 | 35,3 |
| Fluxe 185 LV 2500 Lm 3000K CRI97 Dali | 821C03XXYL02 | 24.2 | Incl. PSU | 800 | 35,3 |

ITEM SPECIFICATIONS (PART B)

| Description | W | Lm | Lm/W | CRI (typ.) | Pf | Ripple | Inrush current | B-16A Fuse | Safety class | Energy class |
|---|------|------|------|------------|------|--------|----------------|------------|--------------|--------------|
| Fluxe 185 LV 2500 Lm 3000K CRI97 No dim | 32,1 | 2500 | 78 | 97 | 0.95 | <3% | 5A 50µS | 50 pcs | I | A+ |
| Fluxe 185 LV 2500 Lm 3000K CRI97 1-10V & Push | 32,1 | 2500 | 78 | 97 | 0.95 | <3% | 5A 50µS | 50 pcs | II | A+ |
| Fluxe 185 LV 2500 Lm 3000K CRI97 Dali | 32,1 | 2500 | 78 | 97 | 0.95 | <3% | 5A 50µS | 50 pcs | II | A+ |

ITEM SPECIFICATIONS (PART C)

| Description | Weight | Dimensions single carton | Quantity per carton | Expected lifespan (25°C) | | |
|----------------------------------|---------|--------------------------|---------------------|--------------------------|------------|------------|
| | | | | L70B50 | L80B50 | L90B50 |
| Fluxe 185 LV 2500 Lm 3000K CRI97 | 1400 gr | 233x233x85 mm | 20 pcs | 70.000 hrs | 70.000 hrs | 70.000 hrs |

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

FLUXE 185 LV

CRI97 3750LM

ITEM SPECIFICATIONS (PART A)

| Description | 80° | | Type | mA | Vf |
|---|--------------|------|-----------|------|------|
| | Item code | UGR | | | |
| Fluxe 185 LV 3750 Lm 3000K CRI97 No dim | 821C03XXYS02 | 25.6 | Incl. PSU | 1400 | 37,5 |
| Fluxe 185 LV 3750 Lm 3000K CRI97 1-10V & Push | 821C03XXYJ02 | 25.6 | Incl. PSU | 1400 | 37,5 |
| Fluxe 185 LV 3750 Lm 3000K CRI97 Dali | 821C03XXYN02 | 25.6 | Incl. PSU | 1400 | 37,5 |

ITEM SPECIFICATIONS (PART B)

| Description | W | Lm | Lm/W | CRI (typ.) | Pf | Ripple | Inrush current | B-16A Fuse | Safety class | Energy class |
|---|------|------|------|------------|------|--------|----------------|------------|--------------|--------------|
| Fluxe 185 LV 3750 Lm 3000K CRI97 No dim | 57,2 | 3750 | 66 | 97 | 0.95 | <3% | 10A 200µS | 30 pcs | II | A+ |
| Fluxe 185 LV 3750 Lm 3000K CRI97 1-10V & Push | 57,2 | 3750 | 66 | 97 | 0.95 | <3% | 10A 200µS | 30 pcs | I | A+ |
| Fluxe 185 LV 3750 Lm 3000K CRI97 Dali | 57,2 | 3750 | 66 | 97 | 0.95 | <3% | 10A 200µS | 30 pcs | I | A+ |

ITEM SPECIFICATIONS (PART C)

| Description | Weight | Dimensions single carton | Quantity per carton | Expected lifespan (25°C) | | |
|----------------------------------|---------|--------------------------|---------------------|--------------------------|------------|------------|
| | | | | L70B50 | L80B50 | L90B50 |
| Fluxe 185 LV 3750 Lm 3000K CRI97 | 1400 gr | 233x233x85 mm | 20 pcs | 70.000 hrs | 70.000 hrs | 70.000 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 |
| CrispColor | 2700K | 94 | 96 | 93 | 106 | 95 | 93 | 350 mA | 780 | 900 mA | 2350 | 1400 mA | 3550 | 51-4047-27 |
| CrispColor | 3000K | 91 | 93 | 91 | 103 | 96 | 96 | 350 mA | 825 | 900 mA | 2500 | 1400 mA | 3750 | 51-4048-30 |
| CrispColor | 3250K | 93 | 95 | 90 | 101 | 96 | 97 | 350 mA | 870 | 900 mA | 2600 | 1400 mA | 3950 | 51-4049-FN |
| CrispColor | 3500K | 95 | 96 | 91 | 102 | 95 | 96 | 350 mA | 880 | 900 mA | 2600 | 1400 mA | 4000 | 51-4050-35 |
| CrispColor | 4000K | 95 | 96 | 90 | 101 | 95 | 96 | 350 mA | 1050 | 900 mA | 2700 | 1400 mA | 4700 | 51-4051-40 |
| CrispColor | 5000K | 95 | 96 | 88 | 99 | 94 | 95 | 350 mA | 850 | 900 mA | 2800 | 1400 mA | 3800 | 51-4052-00 |
| Produce | 3000K | 91 | 93 | 91 | 103 | 96 | 96 | 350 mA | 725 | 900 mA | 2500 | 1400 mA | 3300 | 51-4041-00 |
| Red Meat | 1800K | 82 | 81 | 77 | 119 | 95 | 60 | 350 mA | 515 | 900 mA | 1750 | 1400 mA | 2350 | 51-4042-00 |
| Marbled Meat | 3000K | 63 | 32 | 78 | 115 | 46 | 72 | 350 mA | 475 | 900 mA | 1600 | 1400 mA | 2150 | 51-4043-00 |
| Fish | 6500K | 96 | 96 | 89 | 98 | 94 | 96 | 350 mA | 825 | 900 mA | 2800 | 1400 mA | 3750 | 51-4044-00 |
| Bread & Pastries | 2700K | 92 | 54 | 89 | 96 | 86 | 91 | 350 mA | 770 | 900 mA | 2600 | 1400 mA | 3500 | 51-4045-00 |
| AtmoSphere | 2200K | 92 | 55 | 90 | 99 | 87 | 88 | 350 mA | 780 | 900 mA | 2350 | 1400 mA | 3550 | 51-4065-00 |