

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

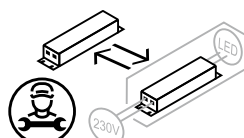
Adjustable

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.

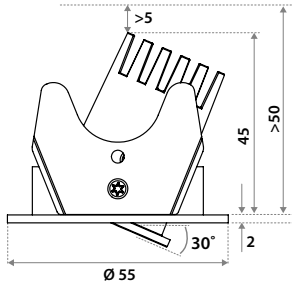


IP20

FLUXE 50 VARIATIONS

Fluxe 50 LV	220-240V	incl. power supply	page 3
Fluxe 50 LV-C	500mA	to be connected to a central power supply	page 4

DIMENSIONS



HOLE SIZE



Using CS springs: $\varnothing 50$ mm.
Thickness ceiling 5-50 mm
& recess depth 50 mm.

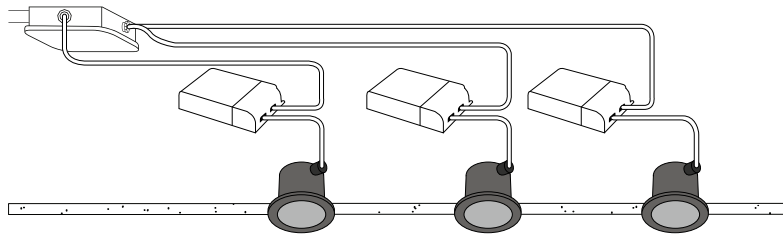


Using WS springs: $\varnothing 50$ mm.
Thickness ceiling 1-20 mm
& recess depth 50 mm.

FLUXE 50 GEN2 (dimmable - 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 475Lm 2700K Triac dim	861A03XX0102	861A03XX1A02	220-240V	6.6	475	72	82	15.0	0.96	<20%	2A 50µS	50 pcs
Fluxe 50 adj LV 500Lm 3000K Triac dim	861A03XX7202	861A03XX2A02	220-240V	6.6	500	76	82	15.2	0.96	<20%	2A 50µS	50 pcs
Fluxe 50 adj LV 525Lm 4000K Triac dim	861A03XX0202	861A03XX3A02	220-240V	6.6	525	80	82	15.4	0.96	<20%	2A 50µS	50 pcs
Fluxe 50 adj LV 475Lm 2700K Dali	861A03XXS402	861A03XXS702	220-240V	6.6	475	72	82	15.0	0.95	<20%	2A 50µS	50 pcs
Fluxe 50 adj LV 500Lm 3000K Dali	861A03XXS502	861A03XXS802	220-240V	6.6	500	76	82	15.2	0.95	<20%	2A 50µS	50 pcs
Fluxe 50 adj LV 525Lm 4000K Dali	861A03XXS602	861A03XXS902	220-240V	6.6	525	80	82	15.4	0.95	<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 475Lm 2700K	II	F	188 gr	105x105x61 mm	42 pcs	>60.000 hrs	>60.000 hrs	>60.000 hrs
Fluxe 50 adj LV 500Lm 3000K	II	F	188 gr	105x105x61 mm	42 pcs	>60.000 hrs	>60.000 hrs	>60.000 hrs
Fluxe 50 adj LV 525Lm 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

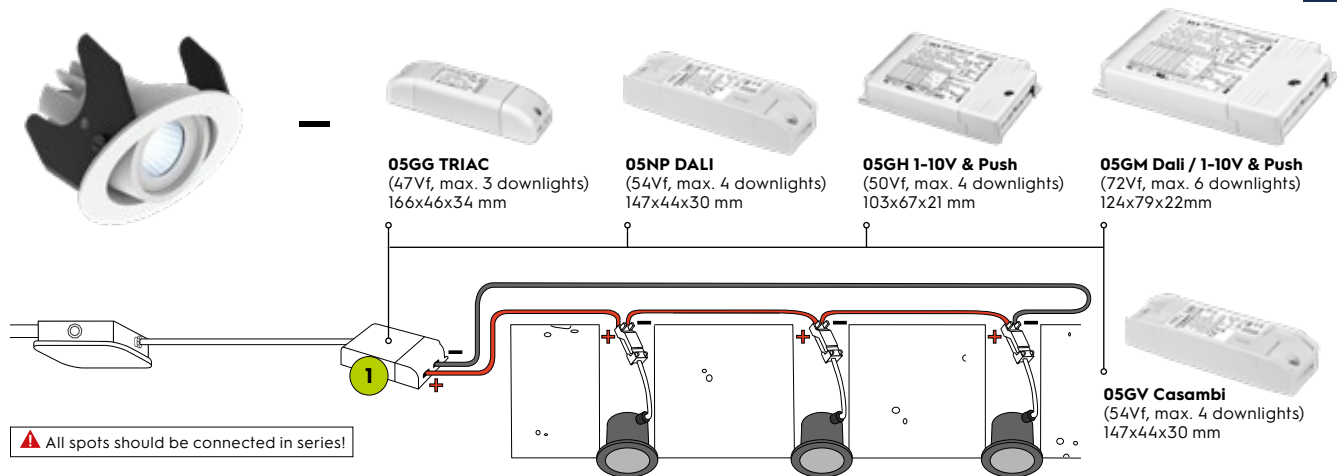
- PSU TCI 127042 Triac dim 102x38x21 mm
- PSU TCI 127576 Dali 147x44x22 mm



Cable
150 mm

FLUXE 50 GEN2 (dimmable - excl. central power supply)

500 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 500mA 475 Lm 2700K Dim	861A03XX01E2	861A03XX1AE2	500mA	11,9	5,7	475	83	82	15,0	x	x	x	x
Fluxe 50 adj LV-C 500mA 500 Lm 3000K Dim	861A03XX72E2	861A03XX2AE2	500mA	11,9	5,7	500	88	82	15,2	x	x	x	x
Fluxe 50 adj LV-C 500mA 525 Lm 4000K Dim	861A03XX02E2	861A03XX3AE2	500mA	11,9	5,7	525	92	82	15,4	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 500mA 475 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 500mA 500 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 500mA 525 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 24W 500mA Triac (1)	05GG03MLME00	220-240V	24W (47Vf)	500mA	85%	0,97	<3%	138 gr	5A 50µS	50 pcs
PSU 27W 500mA Dali (1)	05NP03MLME00	220-240V	27W (54Vf)	500mA	90%	0,95	<3%	139 gr	5A 50µS	50 pcs
PSU 25W 500mA 1-10V & Push (1)	05GH03MLME00	220-240V	25W (50Vf)	500mA	90%	0,95	<3%	138 gr	5A 50µS	50 pcs
PSU 27W 500mA Casambi (1)	05GV03MLMD00	220-240V	27W (54Vf)	500mA	90%	0,95	<3%	139 gr	5A 50µS	50 pcs
PSU 35W 500mA Dali / 1-10V & Push (1)	05GM03MLME00	220-240V	35W (72Vf)	500mA	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.

