

#### FEATURES

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



Reflector  
LV 24° / 60°

Diffuser  
LV 80°

#### SPRINGS

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

#### 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

## Fido 98 LV(-HE)

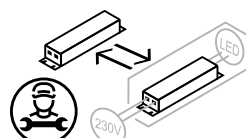
Fixed

### 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 <sup>1</sup>
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 contain a light source of energy efficiency class: <b>CRI97</b> - G (1800-3000K) / F (2700K/3000K) / E (4000K) & <b>CRI95</b> - D (2700K/3000K/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.



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

IP20

IP44

## CRI95 VARIATIONS

Fido 98 LV-HE 2700K CRI95 1350/1825Lm	page 3
Fido 98 LV-HE 3000K CRI95 1375/1875Lm	page 4
Fido 98 LV-HE 4000K CRI95 1425/1925Lm	page 5

## CRI97 VARIATIONS

Fido 98 LV 2700K CRI97 1150Lm	page 6
Fido 98 LV 3000K CRI97 1250Lm	page 7
Fido 98 LV 4000K CRI97 1350Lm	page 8
Fido 98 LV 1800-3000K CRI97 1250Lm	page 9

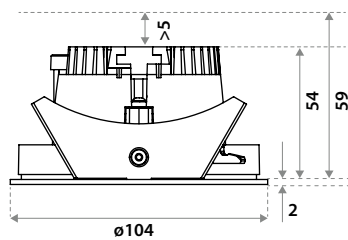
## CRI95 CHOOSE YOUR LV LUMEN OUTPUT

	mA	W	Lumen Output			Lumen / Watt			UGR			Driver types				
			2700K	3000K	4000K	2700K	3000K	4000K	3000K			No dim	Triac	1-10V & Push	Dali	Casambi
									24°	60°	80°					
Special request	125	4,5	700	725	750	155	161	166	19,2	20	24,5	127570	x	x	x	x
Special request	150	5,5	850	875	900	154	159	164	19,8	20,7	25,1	CC21W150-500	x	x	ECO240A	142047
Special request	200	7,4	1125	1150	1175	152	156	159	20,8	21,6	26,1	CC21W150-500	on request	x	ECO240A	142047
<b>Standard</b>	250	9,3	1350	1375	1425	145	148	153	21,4	22,2	26,7	CC21W150-500	on request	125400	ECO240A	142047
Special request	300	11,3	1575	1625	1675	140	144	150	22	22,8	27,3	145192	on request	125400	ECO240A	142047
Special request	350	13,2	1825	1875	1925	138	142	145	22,5	23,3	27,8	145192	EC25CA-E1ZHP	125400	ECO240A	142047

## CRI97 CHOOSE YOUR LV LUMEN OUTPUT

	mA	W	Lumen Output			Lumen / Watt			UGR			Driver types				
			2700K	3000K	4000K	2700K	3000K	4000K	3000K			No dim	Triac	1-10V & Push	Dali	Casambi
									24°	60°	80°					
Special request	125	5,0	475	500	525	95	100	105	17,9	18,7	23,2	127570	x	x	x	x
Special request	150	6,1	550	575	625	91	95	103	18,4	19,2	23,7	CC21W150-500	x	x	ECO240A	142047
Special request	200	8,1	700	750	825	86	93	102	19,3	20,1	24,6	CC21W150-500	on request	x	ECO240A	142047
Special request	250	9,8	850	900	1000	87	92	102	19,9	20,8	25,2	CC21W150-500	on request	125400	ECO240A	142047
Special request	300	12,0	1050	1100	1200	88	92	100	20,6	21,5	25,9	145192	on request	125400	ECO240A	142047
<b>Standard</b>	350	13,8	1150	1250	1350	83	91	98	21,1	21,9	26,4	145192	EC25CA-E1ZHP	125400	ECO240A	142047

## DIMENSIONS



## CUT-OUT



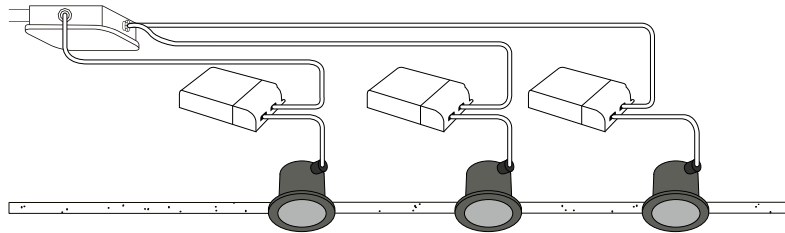
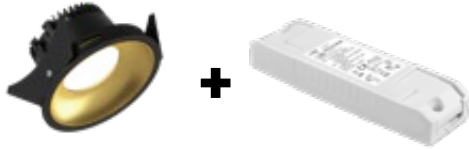
Using CS springs: Ø 98 mm.  
Thickness ceiling 5-59 mm  
& recess depth 59 mm.



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

## FIDO 98 LV-HE

Downlight incl. PSU



**2700K CRI95 1350/1825LM**

### ITEM SPECIFICATIONS (PART A)

Description	Item code CS	Item code WS	Extra	Input	mA	W	Lm	Lm/W	CRI (typ.)
Fido 98 LV-HE 2700K 1350Lm CRI95 24° No dim	FISA03XX4K02	FISA03XX9K02	incl. PSU	220-240V	250	9,3	1350	145	95
Fido 98 LV-HE 2700K 1825Lm CRI95 24° Triac	FISA03XX4A02	FISA03XX9A02	incl. PSU	220-240V	350	13,2	1825	138	95
Fido 98 LV-HE 2700K 1350Lm CRI95 24° 1-10V & Push	FISA03XX4T02	FISA03XX9T02	incl. PSU	220-240V	250	9,3	1350	145	95
Fido 98 LV-HE 2700K 1350Lm CRI95 24° Dali	FISA03XX4B02	FISA03XX9B02	incl. PSU	220-240V	250	9,3	1350	145	95
Fido 98 LV-HE 2700K 1350Lm CRI95 24° Casambi	FISA03XX4C02	FISA03XX9C02	incl. PSU	220-240V	250	9,3	1350	145	95
Fido 98 LV-HE 2700K 1350Lm CRI95 60° No dim	FISA03XX4L02	FISA03XX9L02	incl. PSU	220-240V	250	9,3	1350	145	95
Fido 98 LV-HE 2700K 1825Lm CRI95 60° Triac	FISA03XX4D02	FISA03XX9D02	incl. PSU	220-240V	350	13,2	1825	138	95
Fido 98 LV-HE 2700K 1350Lm CRI95 60° 1-10V & Push	FISA03XX4U02	FISA03XX9U02	incl. PSU	220-240V	250	9,3	1350	145	95
Fido 98 LV-HE 2700K 1350Lm CRI95 60° Dali	FISA03XX4E02	FISA03XX9E02	incl. PSU	220-240V	250	9,3	1350	145	95
Fido 98 LV-HE 2700K 1350Lm CRI95 60° Casambi	FISA03XX4F02	FISA03XX9F02	incl. PSU	220-240V	250	9,3	1350	145	95
Fido 98 LV-HE 2700K 1350Lm CRI95 80° No dim	FISA03XX4M02	FISA03XX9M02	incl. PSU	220-240V	250	9,3	1350	145	95
Fido 98 LV-HE 2700K 1825Lm CRI95 80° Triac	FISA03XX4G02	FISA03XX9G02	incl. PSU	220-240V	350	13,2	1825	138	95
Fido 98 LV-HE 2700K 1350Lm CRI95 80° 1-10V & Push	FISA03XX4V02	FISA03XX9V02	incl. PSU	220-240V	250	9,3	1350	145	95
Fido 98 LV-HE 2700K 1350Lm CRI95 80° Dali	FISA03XX4H02	FISA03XX9H02	incl. PSU	220-240V	250	9,3	1350	145	95
Fido 98 LV-HE 2700K 1350Lm CRI95 80° Casambi	FISA03XX4J02	FISA03XX9J02	incl. PSU	220-240V	250	9,3	1350	145	95

### ITEM SPECIFICATIONS (PART B)

Description	R9	Rf	Rg	R15	UGR	Pf	Ripple	Inrush	B16A
Fido 98 LV-HE 2700K 1350Lm CRI95 24° No dim	69	93	99	92	21.3	0.85	<3%	21A 180µs	50 pcs
Fido 98 LV-HE 2700K 1825Lm CRI95 24° Triac	69	93	99	92	22.4	0.95	<9%	8.4A 544µs	85 pcs
Fido 98 LV-HE 2700K 1350Lm CRI95 24° 1-10V & Push	69	93	99	92	21.3	0.95	<3%	5A 50µs	50 pcs
Fido 98 LV-HE 2700K 1350Lm CRI95 24° Dali	69	93	99	92	21.3	0.95	<3%	5A 50µs	50 pcs
Fido 98 LV-HE 2700K 1350Lm CRI95 24° Casambi	69	93	99	92	21.3	0.95	<3%	5A 50µs	50 pcs
Fido 98 LV-HE 2700K 1350Lm CRI95 60° No dim	69	93	99	92	22.2	0.85	<3%	21A 180µs	50 pcs
Fido 98 LV-HE 2700K 1825Lm CRI95 60° Triac	69	93	99	92	23.2	0.95	<9%	8.4A 544µs	85 pcs
Fido 98 LV-HE 2700K 1350Lm CRI95 60° 1-10V & Push	69	93	99	92	22.2	0.95	<3%	5A 50µs	50 pcs
Fido 98 LV-HE 2700K 1350Lm CRI95 60° Dali	69	93	99	92	22.2	0.95	<3%	5A 50µs	50 pcs
Fido 98 LV-HE 2700K 1350Lm CRI95 60° Casambi	69	93	99	92	22.2	0.95	<3%	5A 50µs	50 pcs
Fido 98 LV-HE 2700K 1350Lm CRI95 80° No dim	69	93	99	92	26.6	0.85	<3%	21A 180µs	50 pcs
Fido 98 LV-HE 2700K 1825Lm CRI95 80° Triac	69	93	99	92	27.7	0.95	<9%	8.4A 544µs	85 pcs
Fido 98 LV-HE 2700K 1350Lm CRI95 80° 1-10V & Push	69	93	99	92	26.6	0.95	<3%	5A 50µs	50 pcs
Fido 98 LV-HE 2700K 1350Lm CRI95 80° Dali	69	93	99	92	26.6	0.95	<3%	5A 50µs	50 pcs
Fido 98 LV-HE 2700K 1350Lm CRI95 80° Casambi	69	93	99	92	26.6	0.95	<3%	5A 50µs	50 pcs

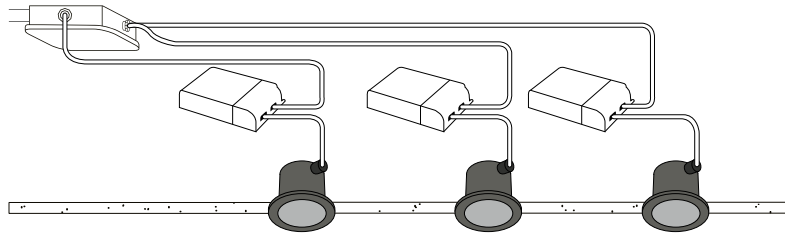
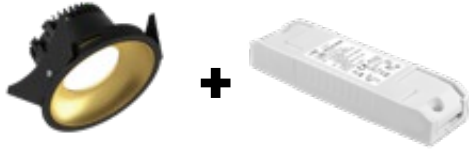
### ITEM SPECIFICATIONS (PART C)

Description	Safety class	Energy class	Weight	Dimensions single carton	Quantity per carton	Expected Lifetime			Reported Lifetime*		
						L70B10	L80B10	L90B10	L70B10	L80B10	L90B10
Fido 98 LV-HE 2700K 1350Lm CRI95	II	D	377 gr	160x107x100 mm	18 pcs	653.000 hrs	529.000 hrs	465.000 hrs	>105.000 hrs	>105.000 hrs	>105.000 hrs

All values are measured at 230V (+/- 7%). \* Based on 19.000hrs of LM80 testing at 1200mA and a Tc85°C.

## FIDO 98 LV-HE

Downlight incl. PSU



**3000K CRI95 1375/1875LM**

### ITEM SPECIFICATIONS (PART A)

Description	Item code CS	Item code WS	Extra	Input	mA	W	Lm	Lm/W	CRI (typ.)
Fido 98 LV-HE 3000K 1375Lm CRI95 24° No dim	FISB03XX4K02	FISB03XX9K02	incl. PSU	220-240V	250	9,3	1375	148	95
Fido 98 LV-HE 3000K 1875Lm CRI95 24° Triac	FISB03XX4A02	FISB03XX9A02	incl. PSU	220-240V	350	13,2	1875	142	95
Fido 98 LV-HE 3000K 1375Lm CRI95 24° 1-10V & Push	FISB03XX4T02	FISB03XX9T02	incl. PSU	220-240V	250	9,3	1375	148	95
Fido 98 LV-HE 3000K 1375Lm CRI95 24° Dali	FISB03XX4B02	FISB03XX9B02	incl. PSU	220-240V	250	9,3	1375	148	95
Fido 98 LV-HE 3000K 1375Lm CRI95 24° Casambi	FISB03XX4C02	FISB03XX9C02	incl. PSU	220-240V	250	9,3	1375	148	95
Fido 98 LV-HE 3000K 1375Lm CRI95 60° No dim	FISB03XX4L02	FISB03XX9L02	incl. PSU	220-240V	250	9,3	1375	148	95
Fido 98 LV-HE 3000K 1875Lm CRI95 60° Triac	FISB03XX4D02	FISB03XX9D02	incl. PSU	220-240V	350	13,2	1875	142	95
Fido 98 LV-HE 3000K 1375Lm CRI95 60° 1-10V & Push	FISB03XX4U02	FISB03XX9U02	incl. PSU	220-240V	250	9,3	1375	148	95
Fido 98 LV-HE 3000K 1375Lm CRI95 60° Dali	FISB03XX4E02	FISB03XX9E02	incl. PSU	220-240V	250	9,3	1375	148	95
Fido 98 LV-HE 3000K 1375Lm CRI95 60° Casambi	FISB03XX4F02	FISB03XX9F02	incl. PSU	220-240V	250	9,3	1375	148	95
Fido 98 LV-HE 3000K 1375Lm CRI95 80° No dim	FISB03XX4M02	FISB03XX9M02	incl. PSU	220-240V	250	9,3	1375	148	95
Fido 98 LV-HE 3000K 1875Lm CRI95 80° Triac	FISB03XX4G02	FISB03XX9G02	incl. PSU	220-240V	350	13,2	1875	142	95
Fido 98 LV-HE 3000K 1375Lm CRI95 80° 1-10V & Push	FISB03XX4V02	FISB03XX9V02	incl. PSU	220-240V	250	9,3	1375	148	95
Fido 98 LV-HE 3000K 1375Lm CRI95 80° Dali	FISB03XX4H02	FISB03XX9H02	incl. PSU	220-240V	250	9,3	1375	148	95
Fido 98 LV-HE 3000K 1375Lm CRI95 80° Casambi	FISB03XX4J02	FISB03XX9J02	incl. PSU	220-240V	250	9,3	1375	148	95

### ITEM SPECIFICATIONS (PART B)

Description	R9	Rf	Rg	R15	UGR	Pf	Ripple	Inrush	B16A
Fido 98 LV-HE 3000K 1375Lm CRI95 24° No dim	80	91	101	95	21.4	0.85	<3%	21A 180μS	50 pcs
Fido 98 LV-HE 3000K 1875Lm CRI95 24° Triac	80	91	101	95	22.5	0.95	<9%	8.4A 544μS	85 pcs
Fido 98 LV-HE 3000K 1375Lm CRI95 24° 1-10V & Push	80	91	101	95	21.4	0.95	<3%	5A 50μS	50 pcs
Fido 98 LV-HE 3000K 1375Lm CRI95 24° Dali	80	91	101	95	21.4	0.95	<3%	5A 50μS	50 pcs
Fido 98 LV-HE 3000K 1375Lm CRI95 24° Casambi	80	91	101	95	21.4	0.95	<3%	5A 50μS	50 pcs
Fido 98 LV-HE 3000K 1375Lm CRI95 60° No dim	80	91	101	95	22.2	0.85	<3%	21A 180μS	50 pcs
Fido 98 LV-HE 3000K 1875Lm CRI95 60° Triac	80	91	101	95	23.3	0.95	<9%	8.4A 544μS	85 pcs
Fido 98 LV-HE 3000K 1375Lm CRI95 60° 1-10V & Push	80	91	101	95	22.2	0.95	<3%	5A 50μS	50 pcs
Fido 98 LV-HE 3000K 1375Lm CRI95 60° Dali	80	91	101	95	22.2	0.95	<3%	5A 50μS	50 pcs
Fido 98 LV-HE 3000K 1375Lm CRI95 60° Casambi	80	91	101	95	22.2	0.95	<3%	5A 50μS	50 pcs
Fido 98 LV-HE 3000K 1375Lm CRI95 80° No dim	80	91	101	95	26.7	0.85	<3%	21A 180μS	50 pcs
Fido 98 LV-HE 3000K 1875Lm CRI95 80° Triac	80	91	101	95	27.8	0.95	<9%	8.4A 544μS	85 pcs
Fido 98 LV-HE 3000K 1375Lm CRI95 80° 1-10V & Push	80	91	101	95	26.7	0.95	<3%	5A 50μS	50 pcs
Fido 98 LV-HE 3000K 1375Lm CRI95 80° Dali	80	91	101	95	26.7	0.95	<3%	5A 50μS	50 pcs
Fido 98 LV-HE 3000K 1375Lm CRI95 80° Casambi	80	91	101	95	26.7	0.95	<3%	5A 50μS	50 pcs

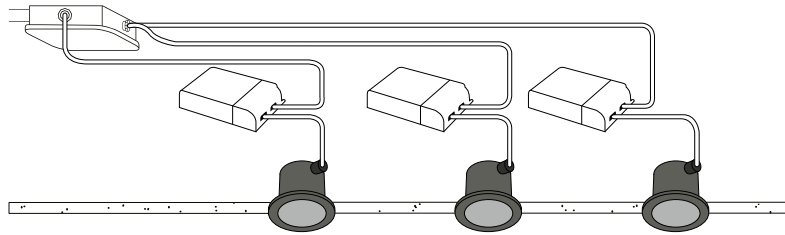
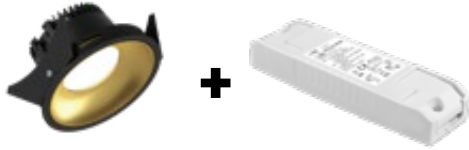
### ITEM SPECIFICATIONS (PART C)

Description	Safety class	Energy class	Weight	Dimensions single carton	Quantity per carton	Expected Lifetime			Reported Lifetime*		
						L70B10	L80B10	L90B10	L70B10	L80B10	L90B10
Fido 98 LV-HE 3000K 1375Lm CRI95	II	D	377 gr	160x107x100 mm	18 pcs	653.000 hrs	529.000 hrs	465.000 hrs	>105.000 hrs	>105.000 hrs	>105.000 hrs

All values are measured at 230V (+/- 7%). \* Based on 19.000hrs of LM80 testing at 1200mA and a Tc85°C.

## FIDO 98 LV-HE

Downlight incl. PSU



**4000K CRI95 1425/1925LM**

### ITEM SPECIFICATIONS (PART A)

Description	Item code CS	Item code WS	Extra	Input	mA	W	Lm	Lm/W	CRI (typ.)
Fido 98 LV-HE 4000K 1425Lm CRI95 24° No dim	FISE03XX4K02	FISE03XX9K02	incl. PSU	220-240V	250	9,3	1425	153	95
Fido 98 LV-HE 4000K 1925Lm CRI95 24° Triac	FISE03XX4A02	FISE03XX9A02	incl. PSU	220-240V	350	13,2	1925	145	95
Fido 98 LV-HE 4000K 1425Lm CRI95 24° 1-10V & Push	FISE03XX4T02	FISE03XX9T02	incl. PSU	220-240V	250	9,3	1425	153	95
Fido 98 LV-HE 4000K 1425Lm CRI95 24° Dali	FISE03XX4B02	FISE03XX9B02	incl. PSU	220-240V	250	9,3	1425	153	95
Fido 98 LV-HE 4000K 1425Lm CRI95 24° Casambi	FISE03XX4C02	FISE03XX9C02	incl. PSU	220-240V	250	9,3	1425	153	95
Fido 98 LV-HE 4000K 1425Lm CRI95 60° No dim	FISE03XX4L02	FISE03XX9L02	incl. PSU	220-240V	250	9,3	1425	153	95
Fido 98 LV-HE 4000K 1925Lm CRI95 60° Triac	FISE03XX4D02	FISE03XX9D02	incl. PSU	220-240V	350	13,2	1925	145	95
Fido 98 LV-HE 4000K 1425Lm CRI95 60° 1-10V & Push	FISE03XX4U02	FISE03XX9U02	incl. PSU	220-240V	250	9,3	1425	153	95
Fido 98 LV-HE 4000K 1425Lm CRI95 60° Dali	FISE03XX4E02	FISE03XX9E02	incl. PSU	220-240V	250	9,3	1425	153	95
Fido 98 LV-HE 4000K 1425Lm CRI95 60° Casambi	FISE03XX4F02	FISE03XX9F02	incl. PSU	220-240V	250	9,3	1425	153	95
Fido 98 LV-HE 4000K 1425Lm CRI95 80° No dim	FISE03XX4M02	FISE03XX9M02	incl. PSU	220-240V	250	9,3	1425	153	95
Fido 98 LV-HE 4000K 1925Lm CRI95 80° Triac	FISE03XX4G02	FISE03XX9G02	incl. PSU	220-240V	350	13,2	1925	145	95
Fido 98 LV-HE 4000K 1425Lm CRI95 80° 1-10V & Push	FISE03XX4V02	FISE03XX9V02	incl. PSU	220-240V	250	9,3	1425	153	95
Fido 98 LV-HE 4000K 1425Lm CRI95 80° Dali	FISE03XX4H02	FISE03XX9H02	incl. PSU	220-240V	250	9,3	1425	153	95
Fido 98 LV-HE 4000K 1425Lm CRI95 80° Casambi	FISE03XX4J02	FISE03XX9J02	incl. PSU	220-240V	250	9,3	1425	153	95

### ITEM SPECIFICATIONS (PART B)

Description	R9	Rf	Rg	R15	UGR	Pf	Ripple	Inrush	B16A
Fido 98 LV-HE 4000K 1425Lm CRI95 24° No dim	83	91	99	94	21.5	0.85	<3%	21A 180µs	50 pcs
Fido 98 LV-HE 4000K 1925Lm CRI95 24° Triac	83	91	99	94	22.6	0.95	<9%	8.4A 544µs	85 pcs
Fido 98 LV-HE 4000K 1425Lm CRI95 24° 1-10V & Push	83	91	99	94	21.5	0.95	<3%	5A 50µs	50 pcs
Fido 98 LV-HE 4000K 1425Lm CRI95 24° Dali	83	91	99	94	21.5	0.95	<3%	5A 50µs	50 pcs
Fido 98 LV-HE 4000K 1425Lm CRI95 24° Casambi	83	91	99	94	21.5	0.95	<3%	5A 50µs	50 pcs
Fido 98 LV-HE 4000K 1425Lm CRI95 60° No dim	83	91	99	94	22.4	0.85	<3%	21A 180µs	50 pcs
Fido 98 LV-HE 4000K 1925Lm CRI95 60° Triac	83	91	99	94	23.4	0.95	<9%	8.4A 544µs	85 pcs
Fido 98 LV-HE 4000K 1425Lm CRI95 60° 1-10V & Push	83	91	99	94	22.4	0.95	<3%	5A 50µs	50 pcs
Fido 98 LV-HE 4000K 1425Lm CRI95 60° Dali	83	91	99	94	22.4	0.95	<3%	5A 50µs	50 pcs
Fido 98 LV-HE 4000K 1425Lm CRI95 60° Casambi	83	91	99	94	22.4	0.95	<3%	5A 50µs	50 pcs
Fido 98 LV-HE 4000K 1425Lm CRI95 80° No dim	83	91	99	94	26.8	0.85	<3%	21A 180µs	50 pcs
Fido 98 LV-HE 4000K 1925Lm CRI95 80° Triac	83	91	99	94	27.9	0.95	<9%	8.4A 544µs	85 pcs
Fido 98 LV-HE 4000K 1425Lm CRI95 80° 1-10V & Push	83	91	99	94	26.8	0.95	<3%	5A 50µs	50 pcs
Fido 98 LV-HE 4000K 1425Lm CRI95 80° Dali	83	91	99	94	26.8	0.95	<3%	5A 50µs	50 pcs
Fido 98 LV-HE 4000K 1425Lm CRI95 80° Casambi	83	91	99	94	26.8	0.95	<3%	5A 50µs	50 pcs

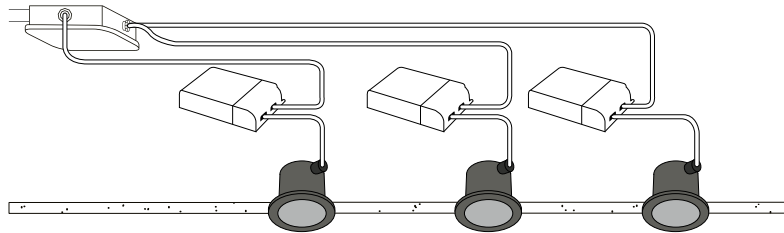
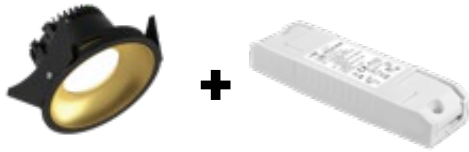
### ITEM SPECIFICATIONS (PART C)

Description	Safety class	Energy class	Weight	Dimensions single carton	Quantity per carton	Expected Lifetime			Reported Lifetime*		
						L70B10	L80B10	L90B10	L70B10	L80B10	L90B10
Fido 98 LV-HE 4000K 1425Lm CRI95	II	D	377 gr	160x107x100 mm	18 pcs	653.000 hrs	529.000 hrs	465.000 hrs	>105.000 hrs	>105.000 hrs	>105.000 hrs

All values are measured at 230V (+/- 7%). \* Based on 19.000hrs of LM80 testing at 1200mA and a Tc85°C.

## 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	0.98	<5%	7A 13μS	50 pcs
Fido 98 LV 2700K 1150Lm CRI97 24° Triac	93	96	103	99	20.8	0.95	<9%	8.4A 544μS	85 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	<3%	5A 50μS	50 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	0.98	<5%	7A 13μS	50 pcs
Fido 98 LV 2700K 1150Lm CRI97 60° Triac	93	96	103	99	21.6	0.95	<9%	8.4A 544μS	85 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	<3%	5A 50μS	50 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	0.98	<5%	7A 13μS	50 pcs
Fido 98 LV 2700K 1150Lm CRI97 80° Triac	93	96	103	99	26.1	0.95	<9%	8.4A 544μS	85 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	<3%	5A 50μS	50 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 Lifetime 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

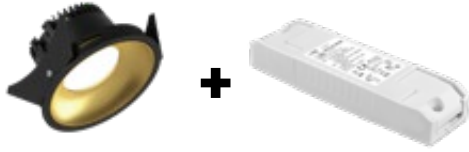
All values are measured at 230V (+/- 7%)

30-04-2026

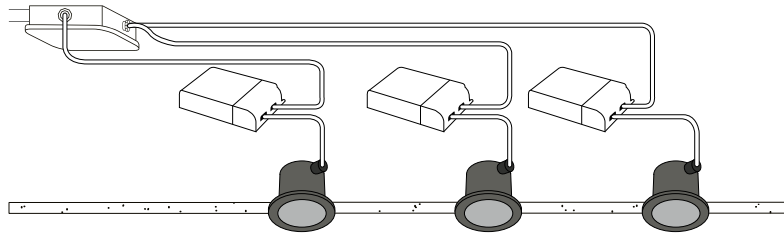


## FIDO 98 LV

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	0.98	<5%	7A 13μS	50 pcs
Fido 98 LV 3000K 1250Lm CRI97 24° Triac	96	95	103	100	21.1	0.95	<9%	8.4A 544μS	85 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	<3%	5A 50μS	50 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	0.98	<5%	7A 13μS	50 pcs
Fido 98 LV 3000K 1250Lm CRI97 60° Triac	96	95	103	100	21.9	0.95	<9%	8.4A 544μS	85 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	<3%	5A 50μS	50 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	0.98	<5%	7A 13μS	50 pcs
Fido 98 LV 3000K 1250Lm CRI97 80° Triac	96	95	103	100	26.4	0.95	<9%	8.4A 544μS	85 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	<3%	5A 50μS	50 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 Lifetime 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%)

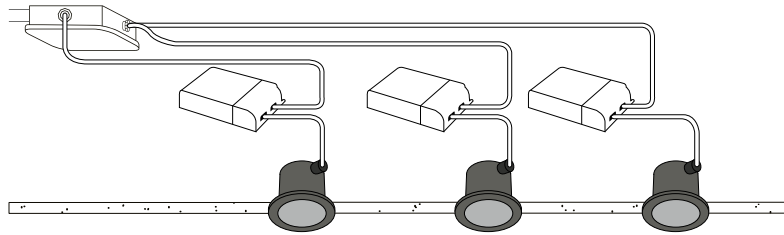
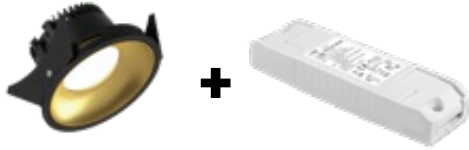
30-04-2026

eldoLED bridgelux. KGP

LUMILEDS TCI CASAMBI TE

## FIDO 98 LV

Downlight incl. PSU



**4000K CRI97 1350LM**

### 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	0.98	<5%	7A 13μS	50 pcs
Fido 98 LV 4000K 1350Lm CRI97 24° Triac	96	95	103	100	21.3	0.95	<9%	8.4A 544μS	85 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	<3%	5A 50μS	50 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	0.98	<5%	7A 13μS	50 pcs
Fido 98 LV 4000K 1350Lm CRI97 60° Triac	96	95	103	100	22.2	0.95	<9%	8.4A 544μS	85 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	<3%	5A 50μS	50 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	0.98	<5%	7A 13μS	50 pcs
Fido 98 LV 4000K 1350Lm CRI97 80° Triac	96	95	103	100	26.6	0.95	<9%	8.4A 544μS	85 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	<3%	5A 50μS	50 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 Lifetime 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

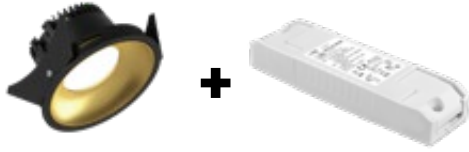
All values are measured at 230V (+/- 7%)

30-04-2026

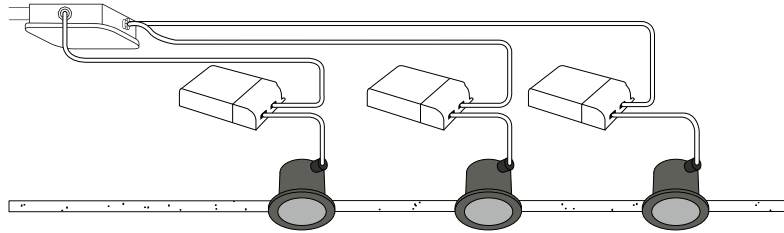


## FIDO 98 LV

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)

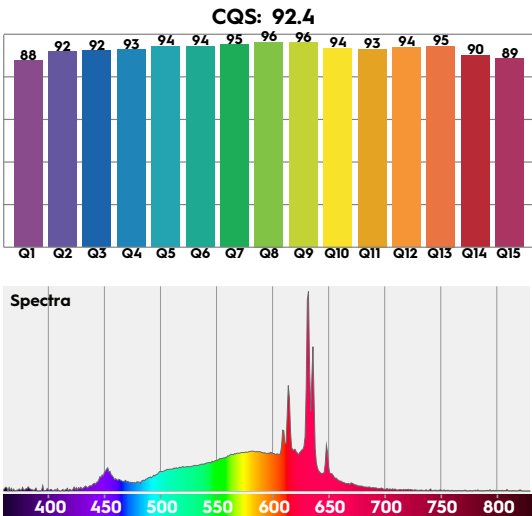
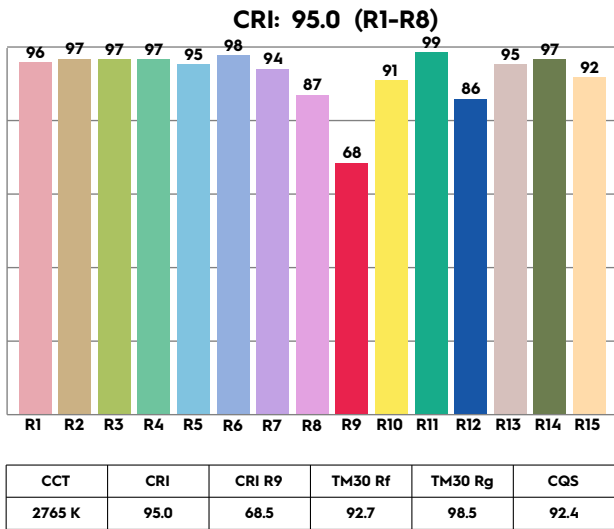
Description	CCT	W	Lm	Lm/W	CRI (typ.)	R9	Rf	Rg	mA	Pf	Ripple	Inrush	B16A
Fido 98 LV 1800-3000K 1250Lm CRI97 Triac	100%	3000	13,8	1250	91	97	93	95	102	350	0.95	<3%	2A 50µs 50 pcs
	50%	2500	6,9	625	90	94	90	95	105				
	25%	2200	3,4	300	88	93	94	93	105				
	10%	1800	1,4	125	89	92	97	86	110				
Fido 98 LV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

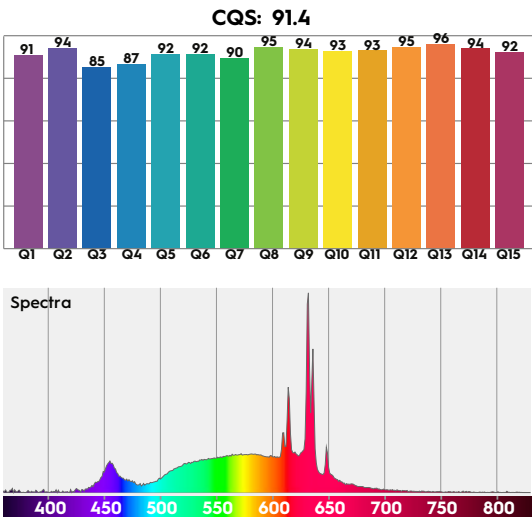
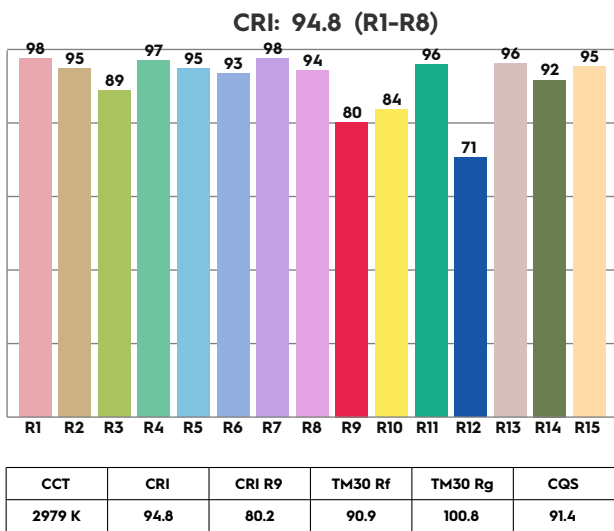
Description	Safety class	Energy class	Weight	Dimensions single carton	Quantity per carton	Expected Lifetime B10 reported (25°C)		
						L70B10	L80B10	L90B10
Fido 98 LV 1800-3000K 1250Lm CRI97	II	G	377 gr	160x107x100 mm	18 pcs	>60.500 hrs	>60.500 hrs	>60.500 hrs

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

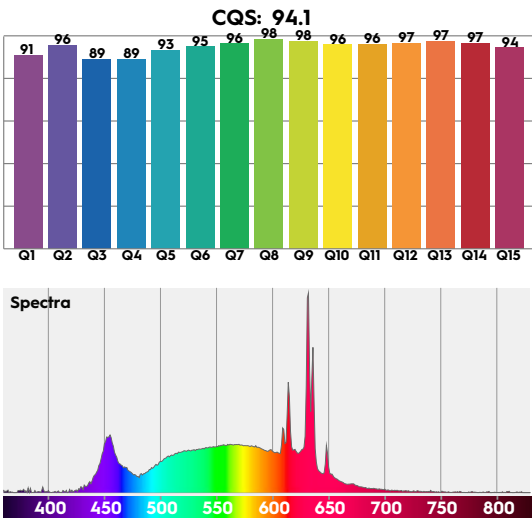
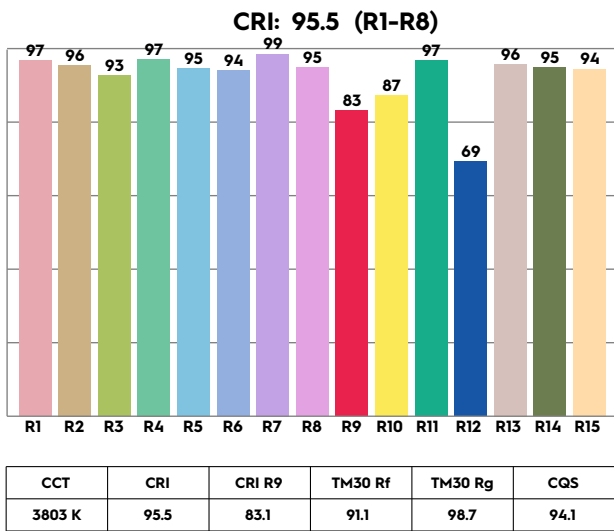
2700K



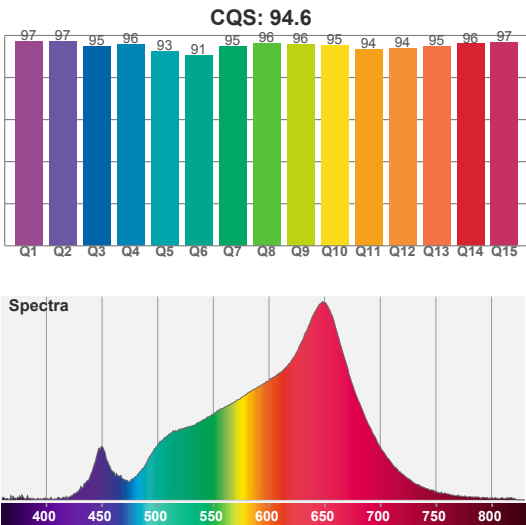
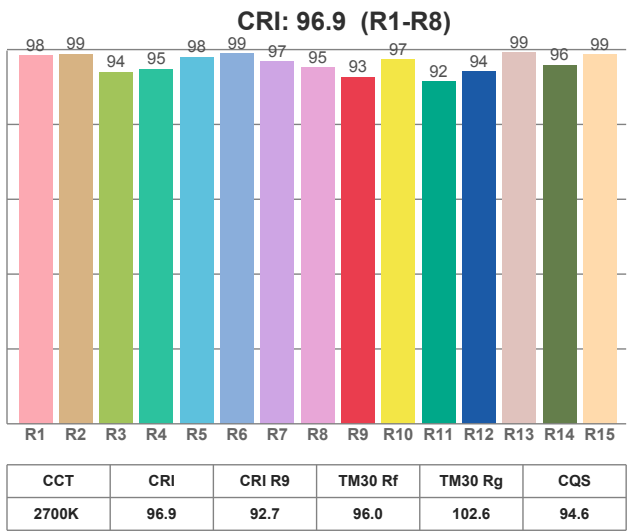
3000K



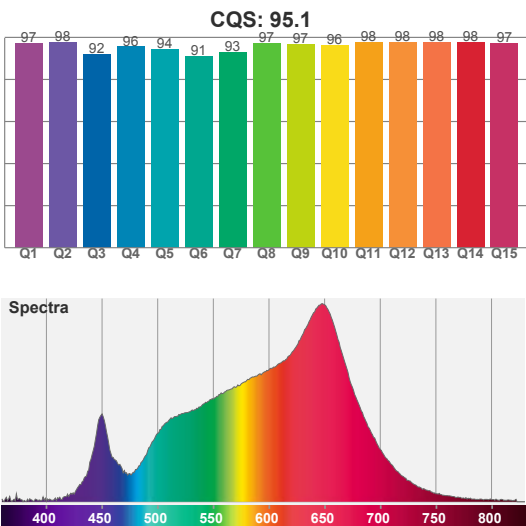
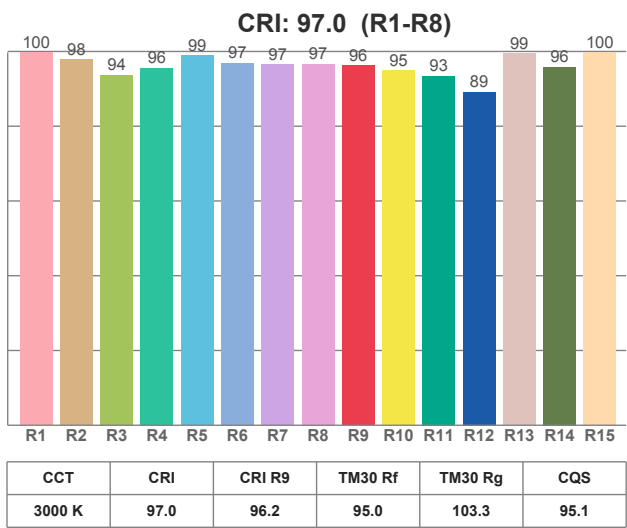
4000K



2700K



3000K



4000K

